

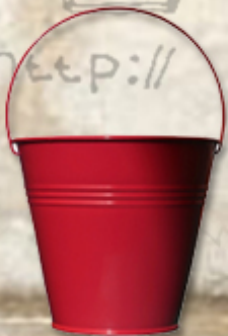


EQUALIST

Gender Equality in Information Sciences and Technology

D3.1: Crowdsourcing Platform for the Development of Gender Equality Plans (GEPs)

WP3 – Development and implementation of tailored GEPs



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Acronyms, abbreviations and definitions

Acronyms & abbreviations	Definitions
EU	European Union
GEP	Gender Equality Plan
WP	Work Package
RPO	Research Performing Organisation
WWU	University of Münster

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1 Executive Summary

The CrowdEquality platform (<https://www.crowdequality.eu>, the Platform) is the central means for participatory co-design of tailored Gender Equality Plans (GEPs) within the EQUAL-IST project. CrowdEquality strives to be an inclusive community that empowers men and women all over the world to freely discuss the issues of gender equality in research institutions. In particular, the Platform provides an opportunity for the 7 European universities implementing tailored GEPs within the EQUAL-IST project (Research Performing Organisations, RPOs) to collect, disseminate, and discuss the specific challenges related to gender equality (Challenges) that each RPO faces, as well as the promising initiatives to address each Challenge (Ideas). The Platform is targeted at both Internal Users and External Users who have different contribution rights.

Internal Users include all members belonging to or closely collaborating with respective RPOs (students, academic and non-academic staff members etc.), as well as the members of the European Commission or the EQUAL-IST Advisory Board. External Users include the general public (“the crowd”) not directly related to the RPOs or the EQUAL-IST project, e.g. policy makers, gender experts, members of relevant NGOs (Non-Governmental Organisations), national/international networks, as well as all individuals interested in the design and implementation of GEPs. Internal Users can submit Challenges and Ideas to the Platform, as well as leave comments to each Challenge/Idea and choose, whether it should be visible only to the other Internal Users (in the *private* area of the Platform, Internal View) or to External Users too (in the *shared* area of the Platform, External View). External Users can only ‘Like’ and leave comments on the content visible in the *shared* area of the Platform, as well as to vote for Ideas during the *Voting* phase (see below). Involvement of a wider audience ensures the crowdsourcing character of the Platform.

In order to facilitate the identification of the most suitable and feasible Ideas to be included into each tailored GEP, the crowdsourcing process follows the *Ideation*, *Review*, *Voting*, and *Implementation* phases. The goal of the *Ideation* phase is to identify all existing Challenges and brainstorm and discuss all possible Ideas addressing these Challenges. The goal of the *Review* phase is to pre-select the feasible and promising Ideas collected during the *Ideation* phase for the further *Voting* phase. The goal of the *Voting* phase is to identify the winning ideas that will be considered for the inclusion in the GEPs to be further implemented in practice. The goal of the *Implementation* phase is to preserve information about the winning Idea(s) for each Challenge and to provide an area where each RPO can post updates about the implementation of the winning Ideas or sharing experiences if for any reason such implementation did not work.

The Platform is being hosted by the Department of Information Systems of the University of Münster (the Department). The Platform was developed by the team of eight Bachelor students studying Information Systems at the University of Münster as part of their project seminar in Winter Semester 2016/17 (<https://www.wi.uni-muenster.de/student-affairs/course-offerings/227194>, Project Seminar). The Department academic staff members and system administration team performed Platform testing and improvement and will ensure further Platform maintenance for the entire duration of the EQUAL-IST project.

Further information related to the Platform can be found at the following links:

- The “About” page of the Platform (information about the Platform purpose, user roles, phases of the crowdsourcing process etc.): <https://www.crowdequality.eu/about>
- The Platform training session for the RPOs implementing tailored GEPs within the EQUAL-IST project: <https://youtu.be/1crVS7HNWFA>

- Short educational videos about how to use the Platform created by the Project Seminar implementation team; also accessible from the Platform home page (<https://www.crowdequality.eu>):

- “Get Inspired” <https://vimeo.com/203061320> - a video where it is explained how to navigate on the Platform.
- “Join the Community” <https://vimeo.com/203061543> - a video where it is explained how to register to the Platform to be able to contribute to it.
- “Contribute” <https://vimeo.com/203061049> - a video where it is explained how to contribute to the Platform.

- Presentations related to the Project Seminar:

- Final presentation: http://prezi.com/xms2lpjh9q33/?utm_campaign=share&utm_medium=copy
- Mid-term presentation: http://prezi.com/napi6qcx9bpx/?utm_campaign=share&utm_medium=copy
- Presentation of the Project Seminar to Bachelor students studying Information Systems at the University of Münster: <https://uni-muenster.sciebo.de/index.php/s/JW7R1lufOqoXlfV>

This document provides an overview of the Platform, clarifying its technical basis and introducing and visualising the Platform main webpages. Appendix A contains the list of requirements to the Platform approved by all EQUAL-IST consortium members and communicated to the Project Seminar implementation team. Appendix B contains the Platform technical documentation delivered by the Project Seminar implementation team.

2 Overview of the CrowdEquality Platform

2.1 The Drupal Content Management System

The Platform is technically based on the Drupal Content Management System (<https://www.drupal.org>) and specifically on its customized distribution OpenideaL – “an online ideas and innovation management system” (<https://www.drupal.org/project/idea>, Figure 1). OpenideaL makes use of a LAMP stack (Linux, Apache, MySQL, PHP, [https://en.wikipedia.org/wiki/LAMP_\(software_bundle\)](https://en.wikipedia.org/wiki/LAMP_(software_bundle))).

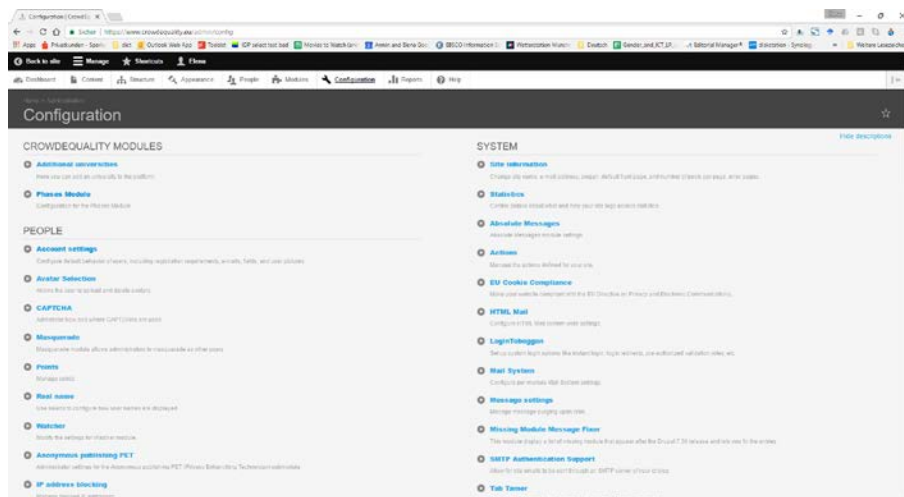


Figure 1. CrowdEquality Configuration.

2.2 CrowdEquality Webpages

2.2.1 Homepage

The Platform Homepage (<https://www.crowdequality.eu>) contains the following information (Figure 2 – Figure 4):

- Header highlighting the Platform sections, namely “Home”, “Challenges”, “Ideas”, “About”, “Feedback”, and “Log In/Register” (this header also appears on each Platform page).
- Information about the Platform main idea and goal.
- A motivational message aimed at encouraging users to contribute to the Platform with the link to its “About” page, where further information can be found.
- Description and links to the three short educational videos about how to use the Platform, followed by the “Participate Now” button linked to the Platform “Log In/Register” page.
- A news panel communicating the Twitter feeds of the EQUAL-IST project (<https://twitter.com/EQUALISTproject>).
- A panel providing information about the EQUAL-IST project (<https://equal-ist.eu/>).
- A panel providing information that the Platform was developed within the EQUAL-IST project that has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement Nr. 710549 (http://cordis.europa.eu/project/rcn/203536_en.html).
- Footer containing the contact details of the EQUAL-IST project coordinator, links to the project accounts on social media, links to the websites of all project partners, as well as links to the “Terms and Conditions” and “House Rules” documents (see section “2.2.4. “Terms and Conditions” and “House Rules”” for further details) (this footer also appears on each Platform page).

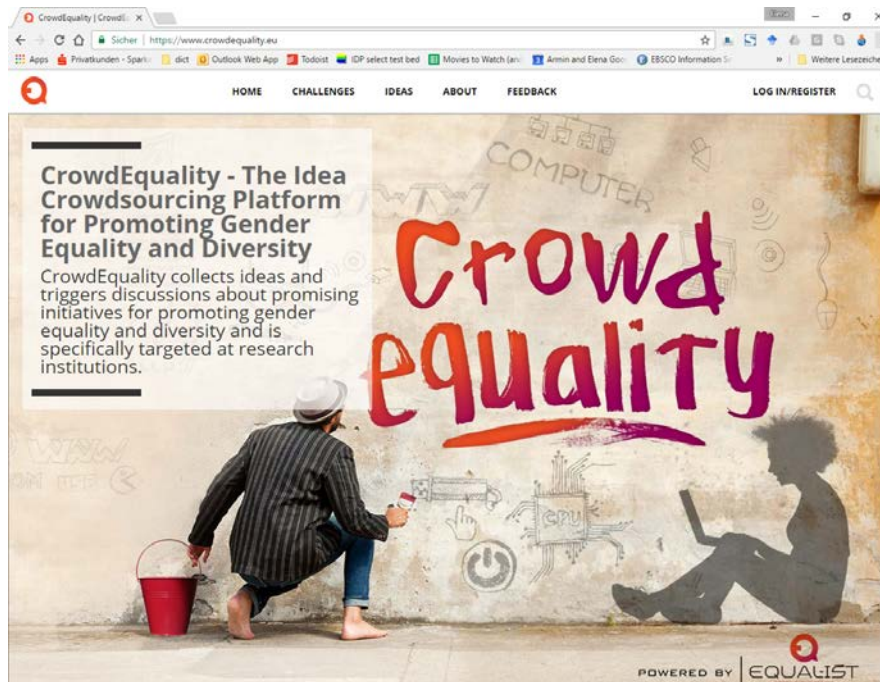


Figure 2. CrowdEquality Homepage (1/3).

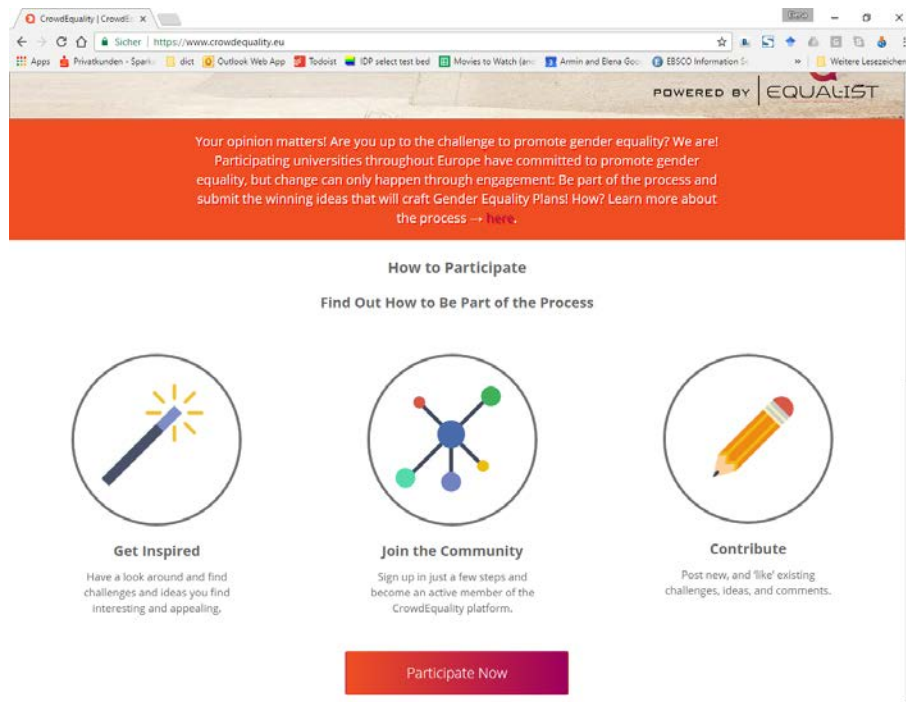


Figure 3. CrowdEquality Homepage (2/3).

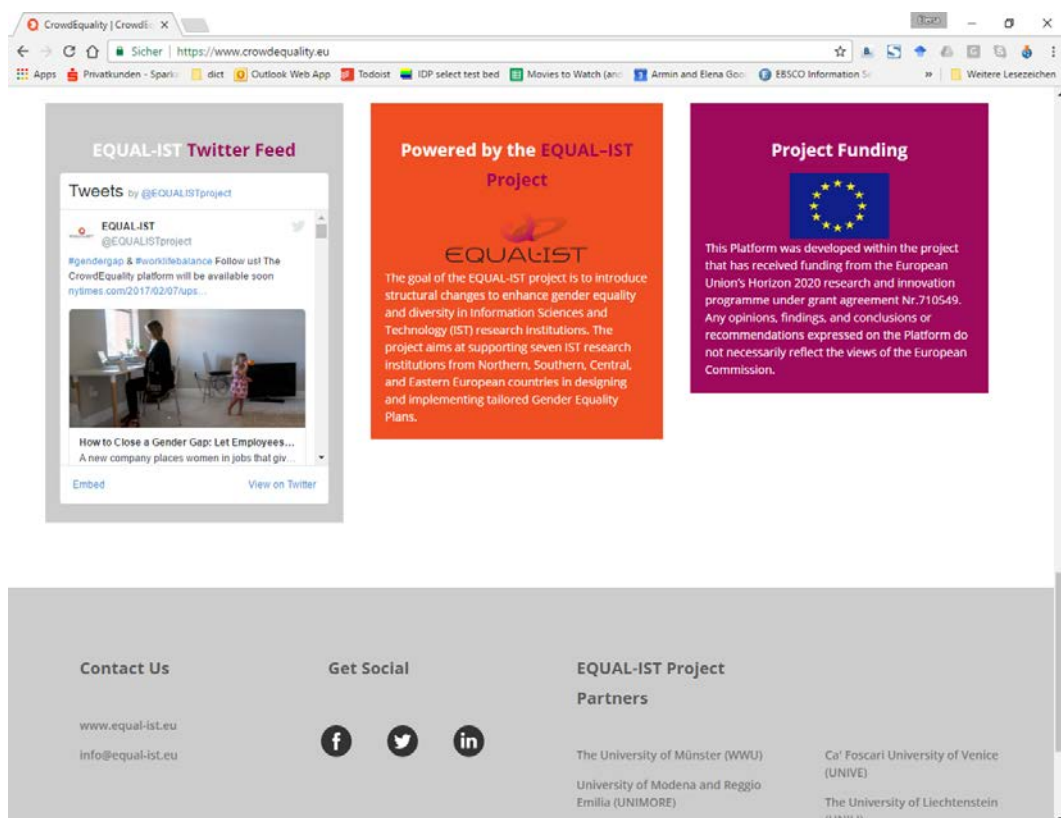


Figure 4. CrowdEquality Homepage (3/3).

2.2.2 About

The Platform “About” page (<https://www.crowdequality.eu/about>) contains the following information (Figure 5 – Figure 7):

- Information about the phases within the CrowdEquality crowdsourcing process.
- Information about the roles within the CrowdEquality crowdsourcing process.
- Information about the EQUAL-IST project.

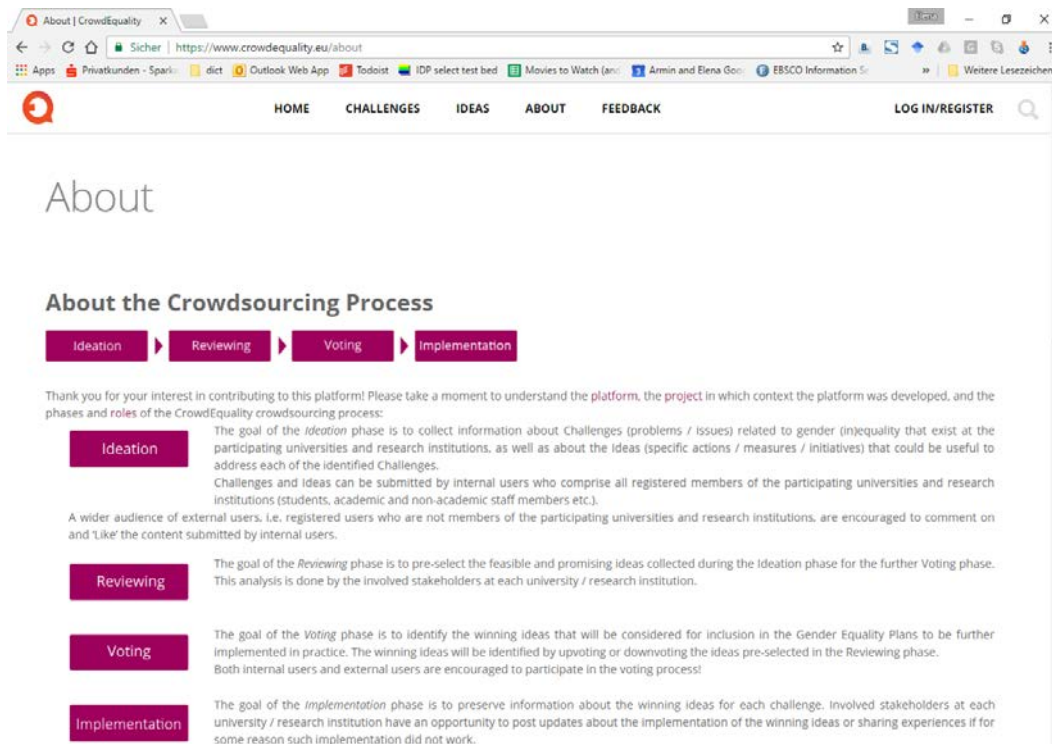


Figure 5. CrowdEquality “About” Page (1/3).

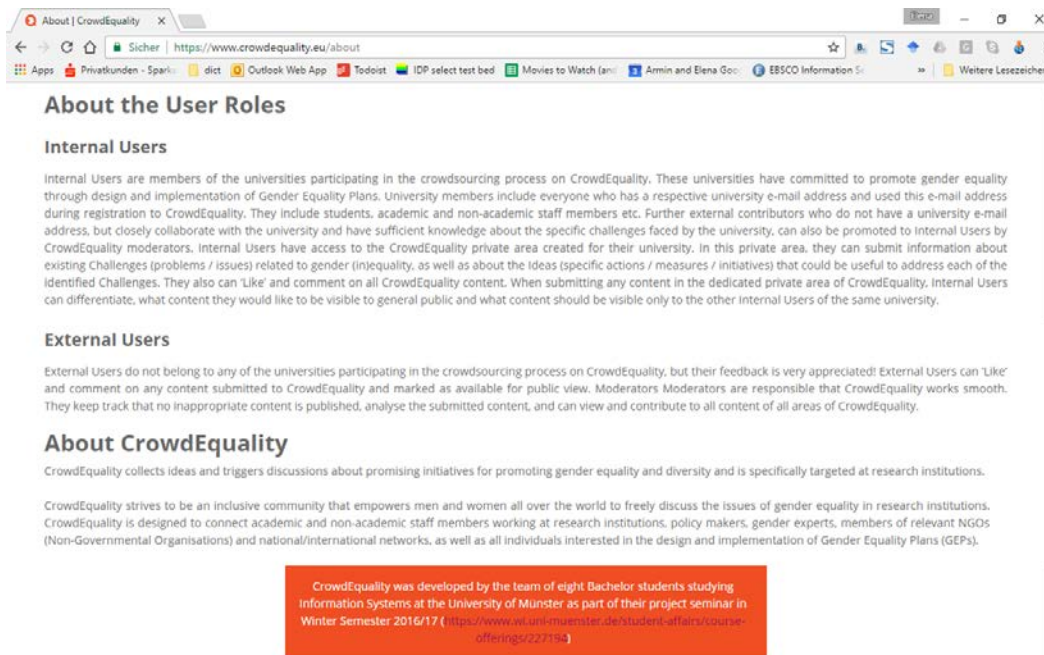


Figure 6. CrowdEquality "About" Page (2/3).

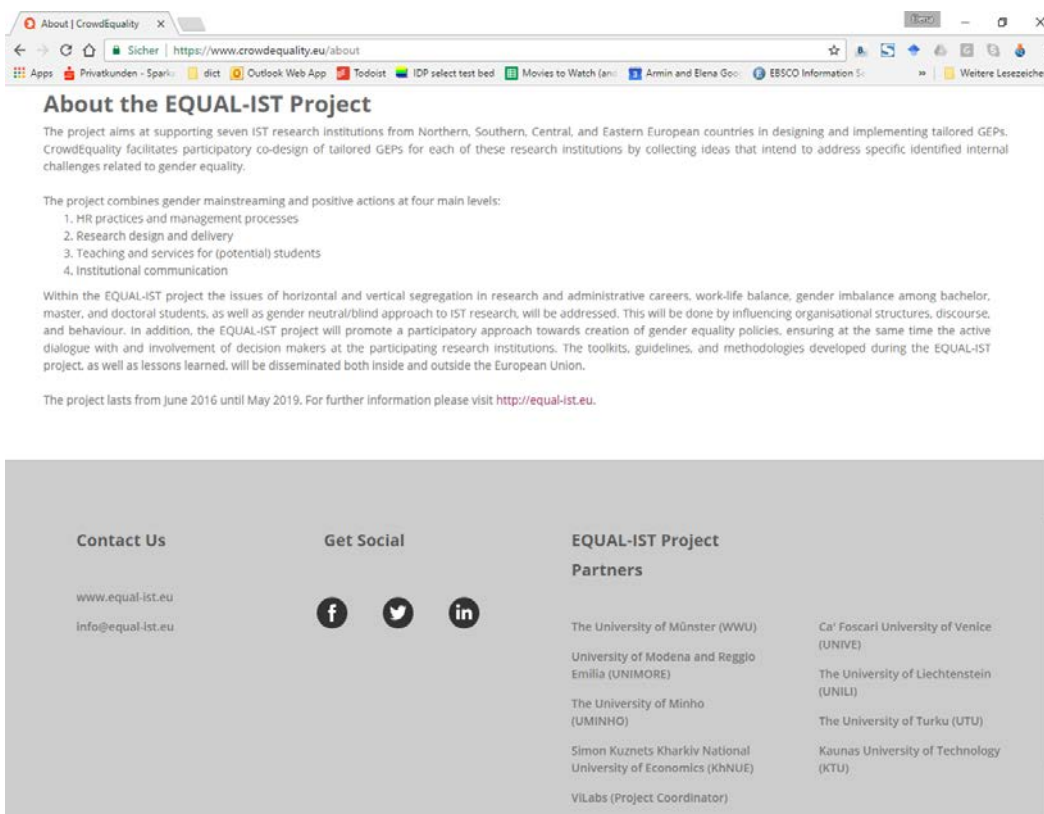


Figure 7. CrowdEquality "About" Page (3/3).

2.2.3 Registration

The Platform “Log In/Register” page (<https://www.crowdequality.eu/user/register>) contains the “Create new account”, “Log in”, and “Forgot your password?” tabs.

Tab “Create new account” (Figure 8 – Figure 9) facilitates registration of a new user. A user is notified that in case he/she is a member of one of the RPOs, a university email address needs to be used during the registration process in order to grant him/her Internal User rights for the respective RPO. A list of RPO email domains is provided. The user is then asked to provide contact information (first name and last name, username, and email address) and further personal information (gender, age, occupation, and country of residence). The user is then offered an opportunity to subscribe to (a) notification emails if the content submitted by the user receives a comment and (b) updates about the EQUAL-IST project. Both notifications are not obligatory and the user can switch them on/off anytime. In order to complete the registration process, the user needs to accept the CrowdEquality “Terms and Conditions” and “House Rules” (see section “2.2.4. “Terms and Conditions” and “House Rules”” for further details). The registration form is secured with the CAPTCHA test (a backronym for “Completely Automated Public Turing test to tell Computers and Humans Apart”, <https://en.wikipedia.org/wiki/CAPTCHA>).

Once the registration form is submitted, a confirmation email is sent to the user (Figure 10). The confirmation email contains a link to activate the user account on the Platform (redirecting to the Platform page, where a user needs to create and submit a password to access the Platform), as well as the links to further instructions on how to use the Platform and contact details of the EQUAL-IST project coordinator.

The email also contains information for the members of the European Commission or the EQUAL-IST Advisory Board who are invited to follow a link in the email to send a request to receive extended user rights, namely the opportunity to see and contribute to the *private* areas of the Platform of all RPOs. This link redirects the user to the request form for additional user rights (Figure 11), where a user is asked to specify his/her role and provide an email address. All such requests are then delivered to the dedicated mailbox crowdequality@ercis.uni-muenster.de, which has been created to receive all user feedback to the Platform. The Platform moderators at the Department have committed to check and address the messages sent to the Platform mailbox on a regular basis. In case the request is justified, the Platform moderators will extend the rights for a respective user in a timely manner.

Tab “Log in” (Figure 12) contains a form, where a user can submit the credentials created during the registration process in order to access the Platform.

Tab “Forgot your password?” (Figure 13) is aimed at assisting users who forgot their passwords to access the Platform. A user is asked to submit the email address or username used during the registration process and the password recovery instructions are then sent to the respective email address.

Your CrowdEquality account

Create new account | [Log in](#) | [Forgot your password?](#)

If you are a member of one of the universities forming the **EQUAL-IST project consortium**, please register with your **university e-mail address** in order to get access to the dedicated area of the CrowdEquality platform.

Your contact

First Name and Last Name *

Username *

Please type in your desired username.

E-Mail Address *

If you are a member of one of the universities forming the **EQUAL-IST project consortium**, please register with your university e-mail address in order to get access to the dedicated area of the CrowdEquality platform.

Confirm E-Mail Address *

Please re-type your e-mail address to confirm it is accurate.

Figure 8. CrowdEquality Registration Tab (1/2).

About you

Gender *

- Select a value -

Age

- None -

Occupation *

- None -

Country of Residence

- Select a value -

Notifications

☐ Content notifications
Whenever a new content (challenge or idea) is submitted, you will receive a notification email.

☐ EQUAL-IST Project notifications
We will send your email address to the EQUAL-IST project team. Like this, you will stay updated about what is going on in the project.

Formalities

☐ I agree with the CrowdEquality Terms and Conditions and House Rules. *

☐ I'm not a robot

A confirmation link will be sent to your e-mail address. Please follow this link to complete the registration.

[Create new account](#)

Figure 9. CrowdEquality Registration Tab (2/2).

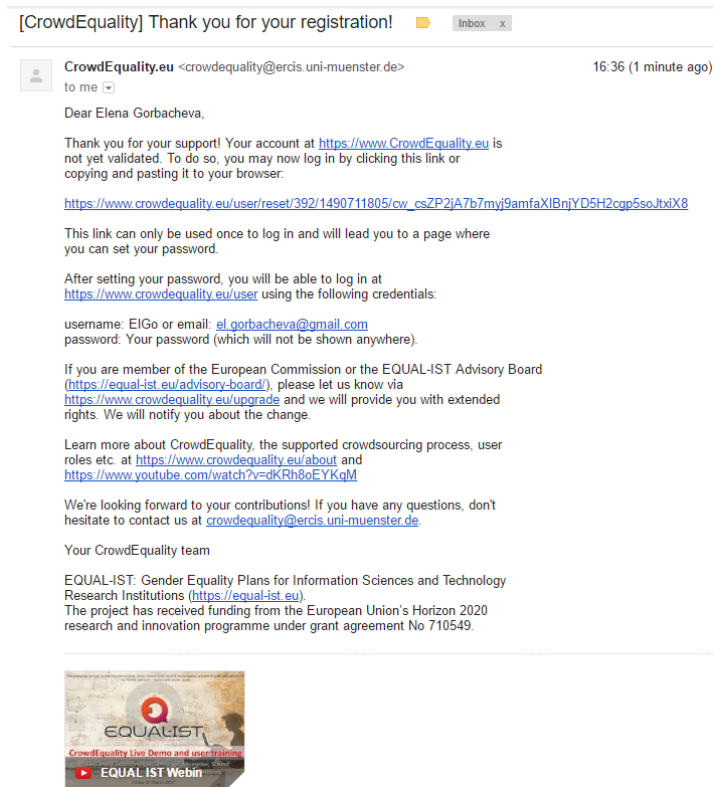


Figure 10. Registration Confirmation Email.

Request for Account Upgrade

With this page, you can request an upgrade of your account to receive more access permissions. Please indicate to which eligible institution you belong to. We will get back to you as soon as possible once the upgrade has taken place.
The request will be sent to crowdequality@ercis.uni-muenster.de.

Email address used for registration *

Please provide here the email address you used when you registered for the platform.

Eligible institution *

- ☐ EQUAL-IST Advisory Board
- ☐ European Commission
- ☐ Other...

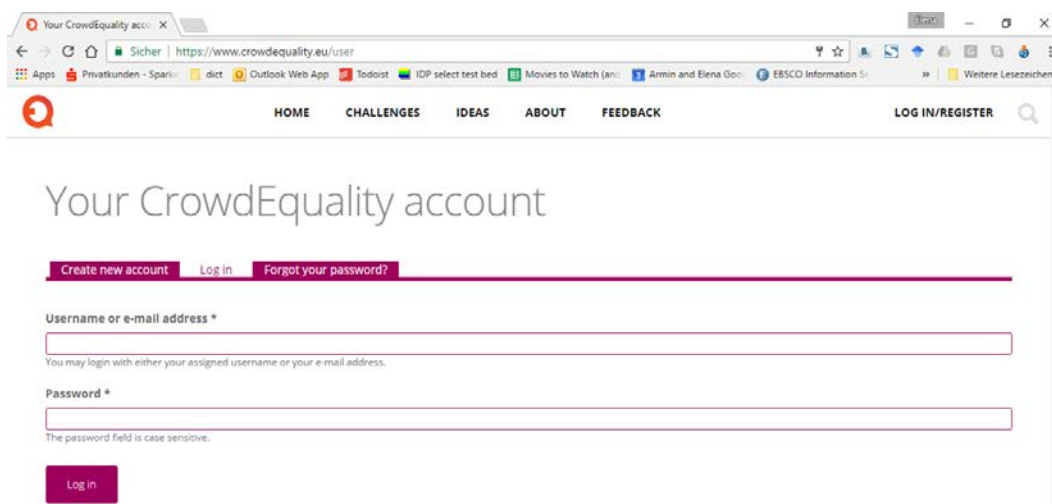
Please indicate to which institution you belong.

Comment

If you would like to further explain your eligibility (e.g., because your email address does not reflect it), please feel free to elaborate on it here.

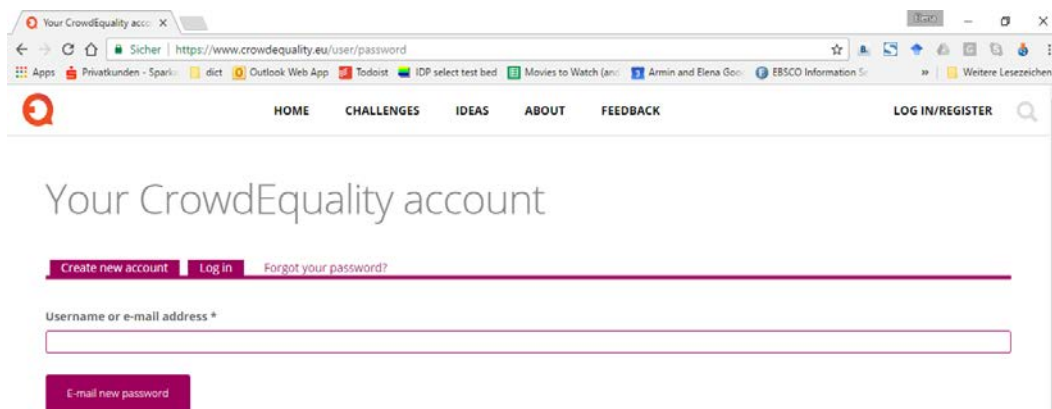
Submit

Figure 11. Request Form for Additional User Rights.



The screenshot shows a web browser window with the URL <https://www.crowdequality.eu/user>. The page has a navigation bar with links: HOME, CHALLENGES, IDEAS, ABOUT, FEEDBACK, and LOG IN/REGISTER. The main heading is "Your CrowdEquality account". Below it, there are three tabs: "Create new account", "Log in" (which is active), and "Forgot your password?". The "Log in" tab contains a form with two input fields: "Username or e-mail address *" and "Password *". A note below the first field says "You may login with either your assigned username or your e-mail address." and a note below the second field says "The password field is case sensitive." There is a "Log in" button at the bottom of the form.

Figure 12. CrowdEquality Login Tab.



The screenshot shows a web browser window with the URL <https://www.crowdequality.eu/user/password>. The page has the same navigation bar as Figure 12. The main heading is "Your CrowdEquality account". Below it, there are three tabs: "Create new account", "Log in", and "Forgot your password?" (which is active). The "Forgot your password?" tab contains a form with one input field: "Username or e-mail address *". There is an "E-mail new password" button at the bottom of the form.

Figure 13. CrowdEquality Password Retrieval Tab.

2.2.4 “Terms and Conditions” and “House Rules”

The “Terms and Conditions” (<https://www.crowdequality.eu/termsandconditions>, Figure 14) and “House Rules” (<https://www.crowdequality.eu/houserules>, Figure 15) documents outline the rules and regulations for the use of the Platform. Links to the documents are available at the bottom of the footer of each Platform page, as well as during the registration process (see section “2.2.3. Registration” for further details), where a user is obligated to agree on both documents in order to complete the registration process.

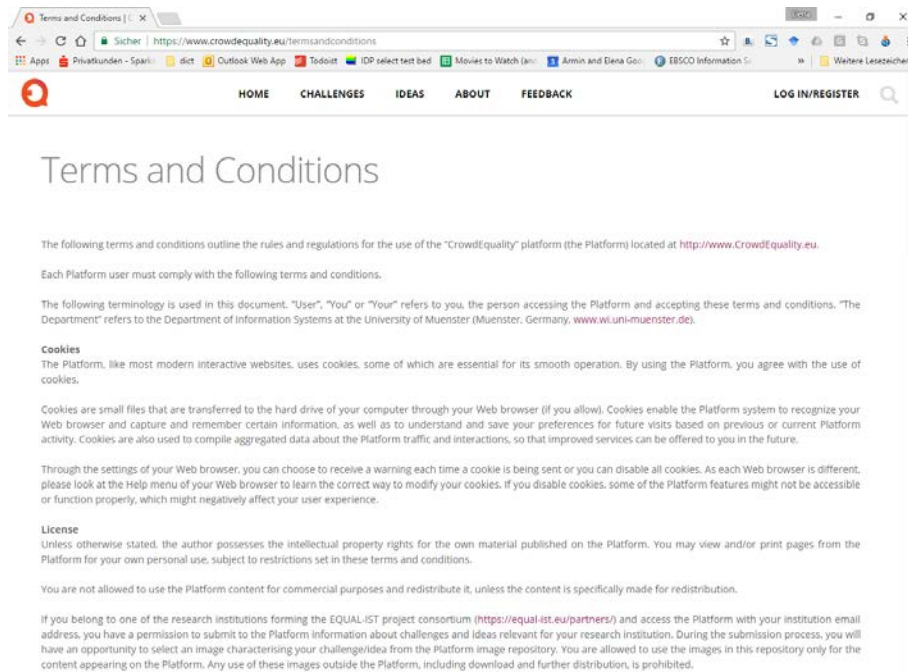


Figure 14. Crowdequality “Terms and Conditions”.

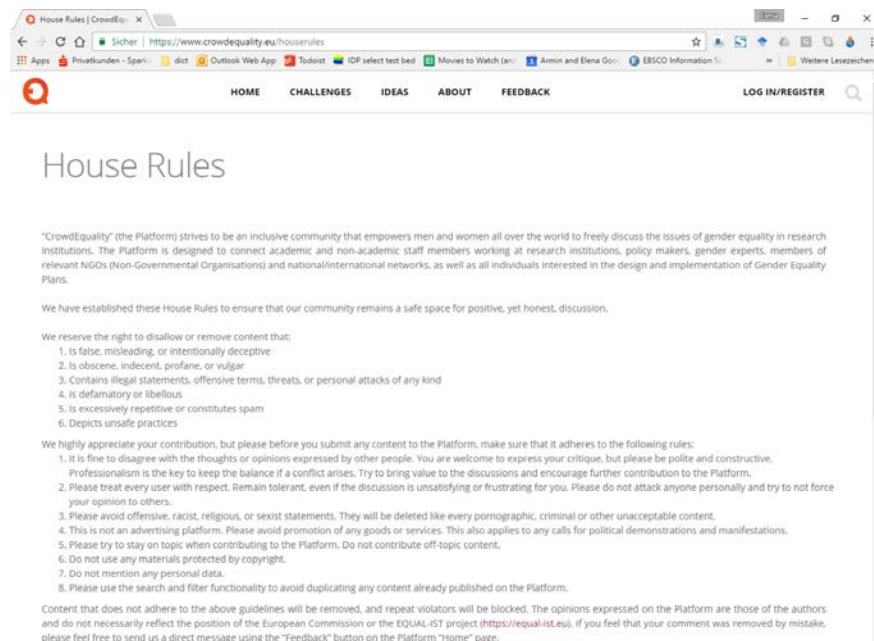


Figure 15. Crowdequality “House Rules”.

2.2.5 Challenge

The “Challenge” section of the Platform is accessible from each Platform page (<https://www.crowdequality.eu/challenges>, Figure 16). It provides an overview of all Challenges submitted to the Platform by Internal Users (only Internal Users have the right to submit Challenges). If a user is logged-in as an Internal User, he/she has an opportunity to filter only those Challenges that were linked to his/her RPO. A button “Add Challenge” to submit a new Challenge is available at the end of this page (visible only to Internal Users).

By clicking on a title of any Challenge, its details are displayed on a new page (e.g., <https://www.crowdequality.eu/challenge/low-share-of-girls-among-information-systems-bachelor-students>, Figure 17 – Figure 20). A user who submitted the Challenge has an option to edit it at any time or even remove it.

Internal Users can switch between Internal View and External View for the Challenges belonging to their RPO. When Internal View is activated, a user can see who submitted the Challenge (unless the author preferred to keep anonymity also for the other Internal Users). Moreover, a user can see the comments submitted to the Platform RPO-specific *private* area, which are not visible to the outside. Further comments submitted by Internal Users when Internal View is activated are visible only to the other Internal Users from a respective RPO. When External View is activated, a user can see the comments submitted to the Platform *shared* area, which are visible to the general public (also not logged-in users). Further comments submitted by Internal Users when External View is activated are visible to the general public. The distinction between the Internal View and External View is not visible to External Users who only see the comments submitted to the *shared* area of the Platform. When submitting a comment, each user can select, whether his/her first and last name can be revealed, as well as identify the nature of the comment (agreement, praise; criticism and further suggestions for major revision and adjustment; further details and aspects to be considered; or other).

Further information included on each Challenge page is as follows:

- Challenge current phase and the dates, when transition to the next phase takes place.
- Challenge description, classification to one or more areas, information about the target groups affected by the Challenge, and further information about the Challenge (files and links).
- Challenge meta information (number of views, ‘Likes’, comments, and Ideas addressing the Challenge).
- The buttons “Add Idea” (redirection to the respective page, see section “2.2.4. Idea” for further details) and “Add Comment” (redirection to the respective part of the Challenge page).
- Opportunity to share information about the Challenge using social media channels (Twitter, Facebook, Google Plus, and LinkedIn).
- Slideshow of Ideas addressing the Challenge (with respective links to the Idea pages, see section “2.2.4. Idea” for further details).

Internal Users have an opportunity to submit a new Challenge (<https://www.crowdequality.eu/add/challenge>, Figure 21 – Figure 23), providing the following information:

- Challenge title and description (detailed structure and instructions are provided).
- Internal information about the Challenge that will be visible only to the Internal Users from the respective RPO.

- Characteristic image (can be selected from the Platform image repository containing 100 potentially relevant images or uploaded by the user); the user is asked to confirm that there is no copyright infringement.
- Further information about the Challenge via attachment files and links.
- Selection, whether the Challenge was submitted by an individual or is a result of a group discussion.
- End of Challenge *Ideation* and *Voting* phases.
- Area(s), which the Challenge is related to (the four areas considered within the EQUAL-IST project: HR practices and management processes; institutional communication; research design and delivery; teaching and services for (potential) students; or other).
- Target group(s) affected by the Challenge (academic staff members, non-academic staff members, students etc.).
- Relation of the Challenge to any other Challenge(s) submitted to the Platform earlier, clarifying how the Challenges are related.
- Preference, whether the author-identifying information (first and last name, as well as image) can be revealed to the other Internal Users or the submission should be done anonymously (Note: the author-identifying information is not be visible to External Users and to not logged-in users).

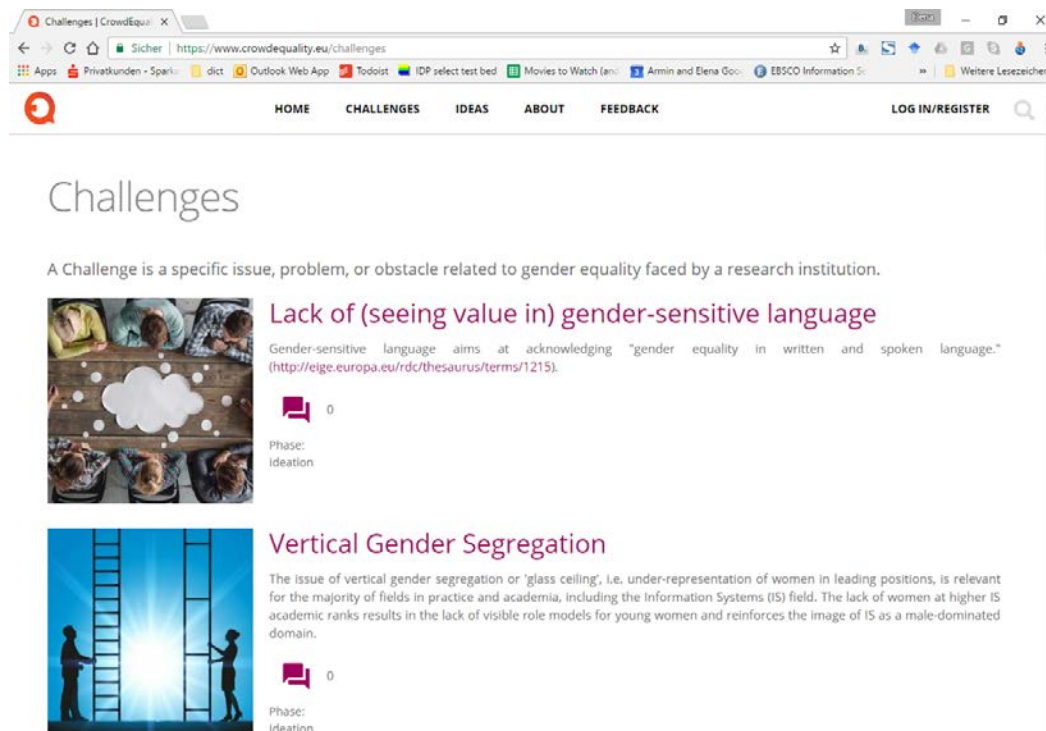


Figure 16. Challenge Overview.

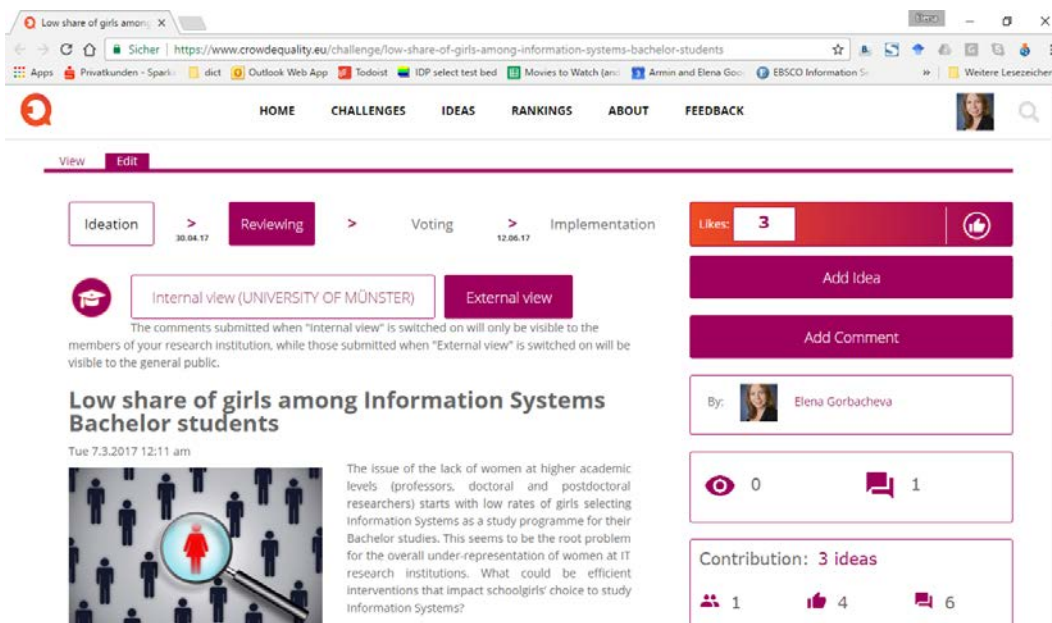


Figure 17. Challenge Details (Internal View Accessible to Logged-in Internal Users, 1/3).

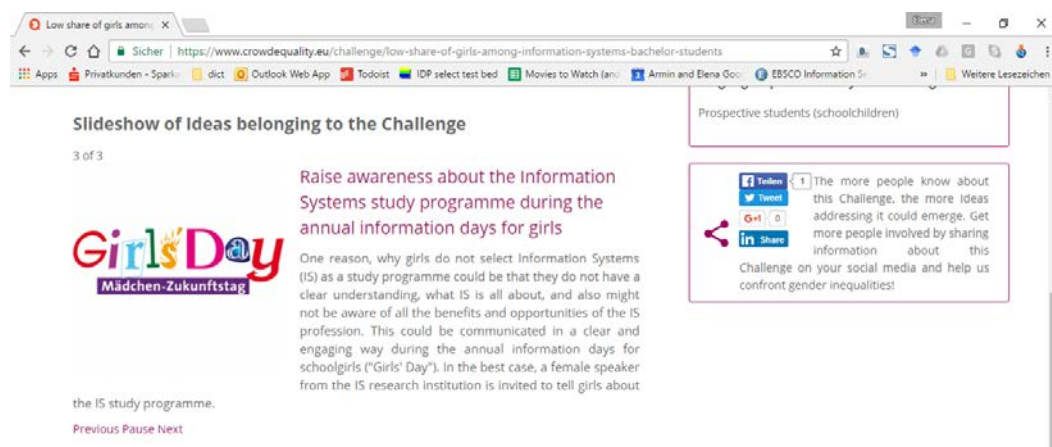


Figure 18. Challenge Details (Internal View Accessible to Logged-in Internal Users, 2/3).

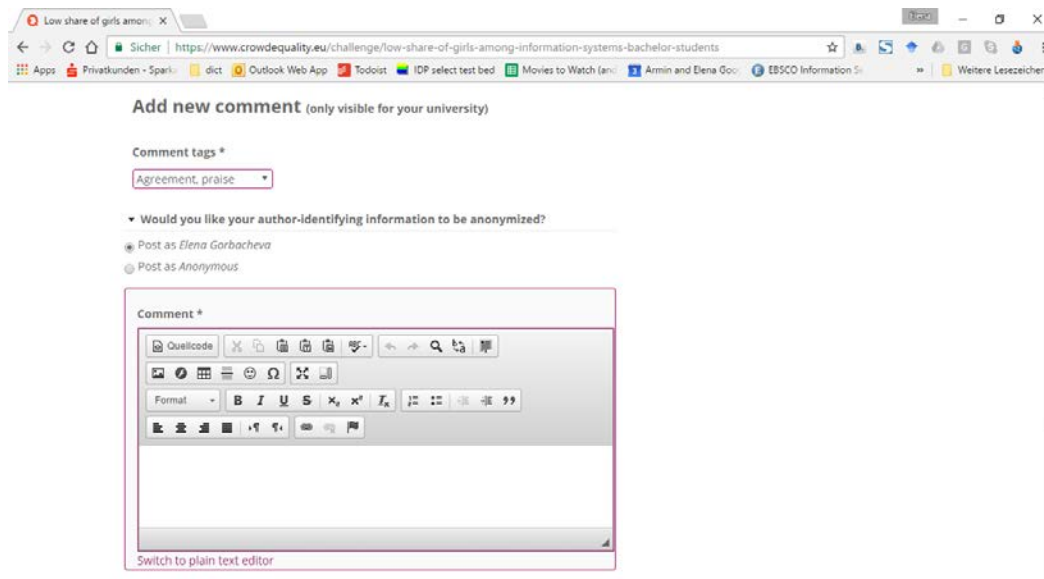


Figure 19. Challenge Details (Internal View Accessible to Logged-in Internal Users, 3/3).

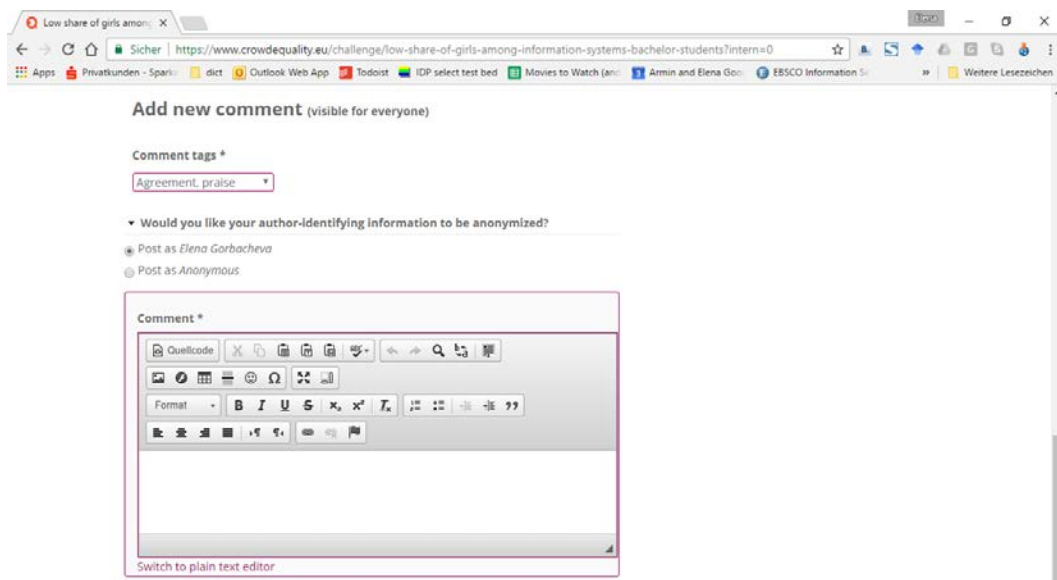


Figure 20. Challenge Details (External View).

Create Challenge

Here you can describe a particular Challenge (problem / issue) related to gender (in)equality that should be addressed by your university / research institution.
In order to avoid duplicating content, before adding a Challenge please check the Challenges already submitted for your university / research institution. You can also [relate your new Challenge to existing Challenges](#).
Challenges already submitted for your university / research institution

Challenge title *

Please create a meaningful and catchy title of max. 130 characters.

Challenge description *

Please describe the challenge in max. 600 words. Files and/or links with further information, available data, literature etc. should be provided separately in the respective fields below. Furthermore, please specify below the Challenge area(s) and target group(s). Information about direct experiences can be added as comments to the Challenge afterwards.
Please be aware that this text will be publicly visible. If there is any information that you would like to be visible only to the members of your university, please specify it in the text field below.
In your Challenge description, if possible, please outline:

- the seriousness of the problem
- its impact on your university / research institution and/or the overall academic community
- the ways it affects the operations and experiences of the member of the university / research institution
- the attempts to address the challenge, which have already been pursued (in case you are aware of any).

Image

Please upload a characteristic image either from the Crowdequality Image Repository ("Open File Browser") or from your computer (you can also use Drag & Drop for it). *

[Open File Browser](#)

[Datei auswählen](#) | [Keine...wählt](#)

[Upload](#)

Files must be less than 7 MB.
Allowed file types: png gif jpg jpeg
Images must be larger than 600x400 pixels.

Attachments

Files with further information can be uploaded here.

[Datei auswählen](#) | [Keine...wählt](#)

[Upload](#)

Files must be less than 50 MB.
Allowed file types: txt pdf doc docx ppt pptx.

Switch to plain text editor

Figure 21. Add Challenge (Accessible to Logged-in Internal Users, 1/3).

Internal information visible only to the members of your research institution

If there is any information or comments/remarks, which should be visible only to the members of your research institution and not the general public, please provide them here.

Individual or group *

Please indicate whether this is an individual submission, or if this submission represents a group of people. (The default value is "Individual submission").

☐ Individual submission

☐ Group submission

End of ideation phase *

Please choose 30.04.2017 as the ideation end date, and 11.05.2017 as the voting end date.

End of voting phase *

Please choose 30.04.2017 as the ideation end date, and 11.05.2017 as the voting end date.

Further links

Please provide links with further information.

[Add another item](#)

Figure 22. Add Challenge (Accessible to Logged-in Internal Users, 2/3).

The screenshot shows a web browser window with the URL <https://www.crowdequality.eu/add/challenge>. The page is titled 'Create Challenge | Crowdequality.eu'. The form contains the following sections:

- Challenge area(s)**
Please choose the closest area(s) that the Challenge is related to.
 - ☐ HR practices and management processes
 - ☐ Institutional communication
 - ☐ Research design and delivery
 - ☐ Teaching and services for (potential) students
 - ☐ Other, please indicate
- Target group(s) affected by the Challenge**
Please specify who is affected by the Challenge and/or for what target group(s) the Challenge is relevant.
 - ☐ Academic staff members
 - ☐ -(Junior) Professors
 - ☐ -Postdoctoral researchers
 - ☐ -Doctoral researchers (PhD candidates)
 - ☐ -Lecturers or tutors (teachers, but not researchers)
 - ☐ Non-Academic staff members
 - ☐ Members of committees and decision-making bodies
 - ☐ Students (Bachelor or Master)
 - ☐ Prospective students (schoolchildren)
 - ☐ Other, please indicate

Below these sections is a box titled 'Relate the Challenge to one or several existing Challenges' with the text 'Select related Challenge(s) from' followed by a button labeled 'the list of existing Challenges'.

Below that is a section titled 'Would you like your author-identifying information to be anonymized?' with two radio button options: 'Post as Elena Gorbacheva' (selected) and 'Post as Anonymous'.

At the bottom of the form is a red button labeled 'Submit Challenge'.

Figure 23. Add Challenge (Accessible to Logged-in Internal Users, 3/3).

2.2.6 Idea

The “Idea” section of the Platform is accessible from each Platform page (<https://www.crowdequality.eu/ideas>, Figure 24). It provides an overview of all Ideas submitted to the Platform by Internal Users (only Internal Users have the right to submit Ideas). If a user is logged-in as an Internal User, he/she has an opportunity to filter only those Ideas that were linked to the Challenges related to his/her RPO. A button “Add Idea” to submit a new Idea is available to Internal Users on the pages of Challenges related to his/her RPO (see section “2.2.5. Challenge” for further details).

By clicking on a title of any Idea, its details are displayed on a new page (e.g., <https://www.crowdequality.eu/idea/organise-regular-school-visits-by-information-systems-students-and-academic-staff-members>, Figure 25 – Figure 26). A user who submitted the Idea has an option to edit it at any time or even remove it. Internal View and External View are accessible for Internal Users on the RPO-related Idea pages the same way as they are accessible on the RPO-related Challenge pages (see section “2.2.5. Challenge” for further details).

Further information included on each Idea page is as follows:

- Idea description, tags, and further information about the Idea (files and links).
- Idea meta information (number of views, ‘Likes’, and comments).
- The button “Add Comment” (redirection to the respective part of the Idea page).
- Opportunity to share information about the Idea using social media channels (Twitter, Facebook, Google Plus, and LinkedIn).

Internal Users have an opportunity to submit a new Idea to any Challenge related to their RPO (e.g., https://www.crowdequality.eu/add/idea?field_challenge_ref=138 to create an Idea for the Challenge “Low share of girls among Information Systems Bachelor students”, Figure 27 – Figure 28), providing the following information:

- Idea title and description (detailed structure and instructions are provided).
- Internal information about the Idea that will be visible only to the Internal Users from the respective RPO.
- Characteristic image (see section “2.2.5. Challenge” for further details).
- Further information about the Idea via attachment files and links.
- Selection, whether the Idea was submitted by an individual or is a result of a group discussion.
- Tags characterising the Idea (the toolbox “Gender Equality in Research and Academia” developed by the German Research Foundation was used here as a basis and further adjusted, <http://instrumentenkasten.dfg.de/search?locale-attribute=en>).
- Relation of the Idea to any other Idea(s) submitted to the Platform earlier, clarifying how the Ideas are related.
- Preference, whether the author-identifying information can be revealed (see section “2.2.5. Challenge” for further details).

D3.1: Crowdsourcing Platform for the Development of GEPs

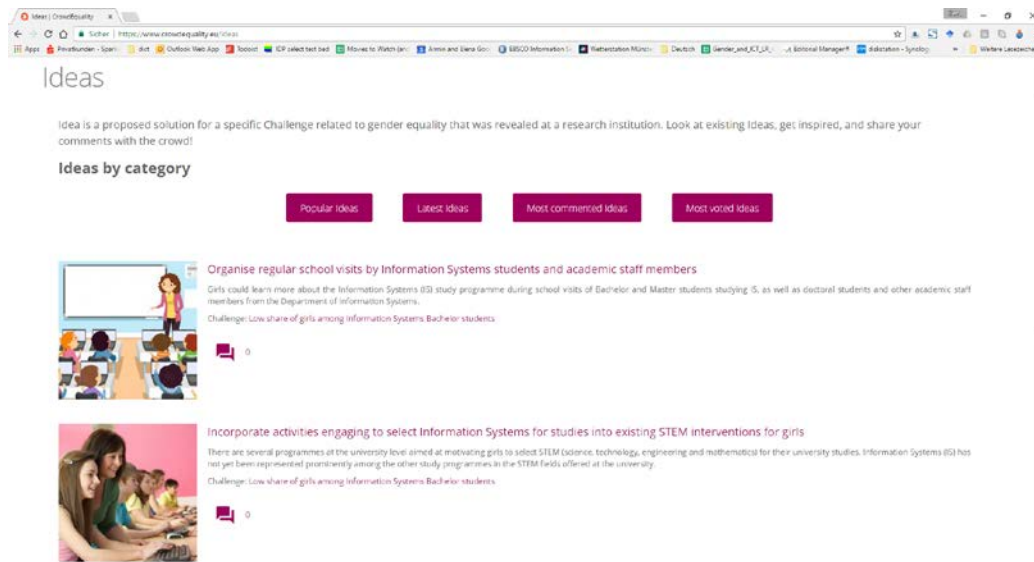


Figure 24. Idea Overview.

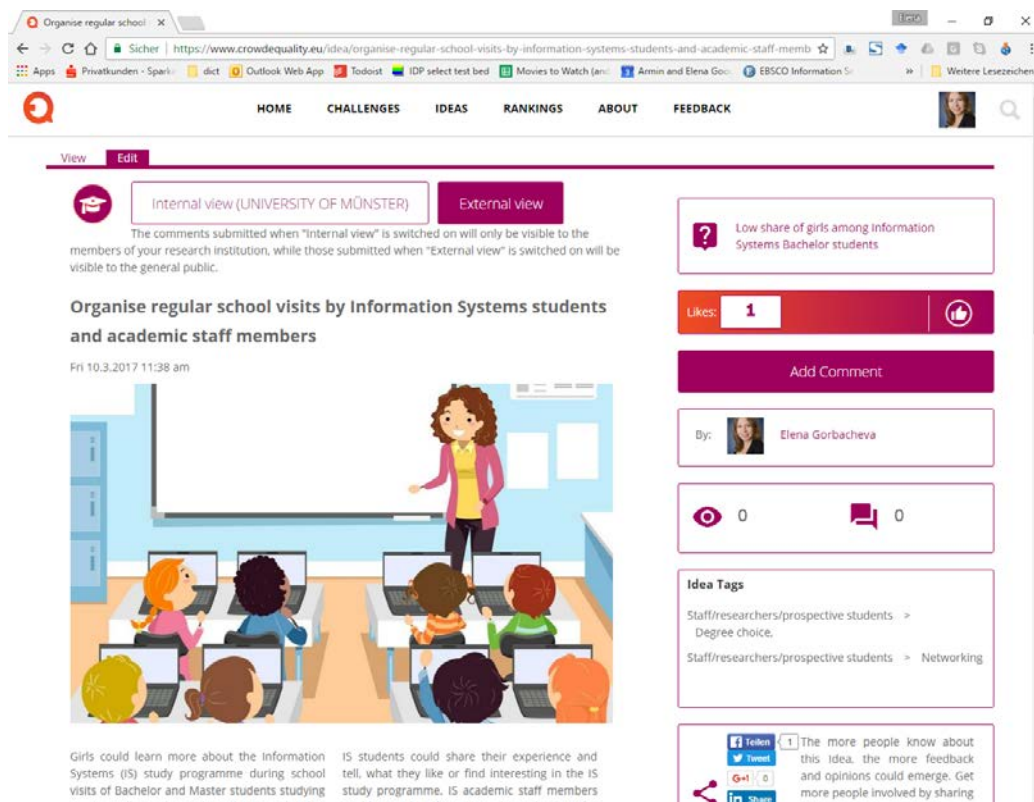


Figure 25. Idea Details (Internal View Accessible to Logged-in Internal Users, 1/2).

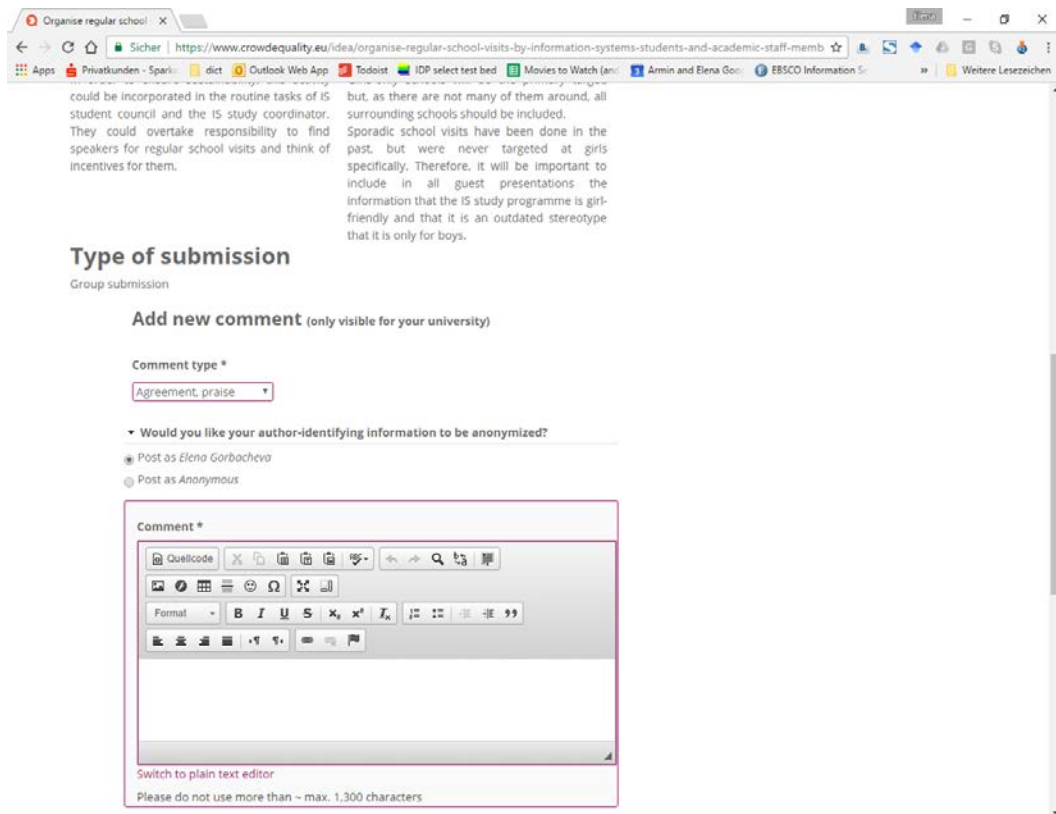


Figure 26. Idea Details (Internal View Accessible to Logged-in Internal Users, 2/2).

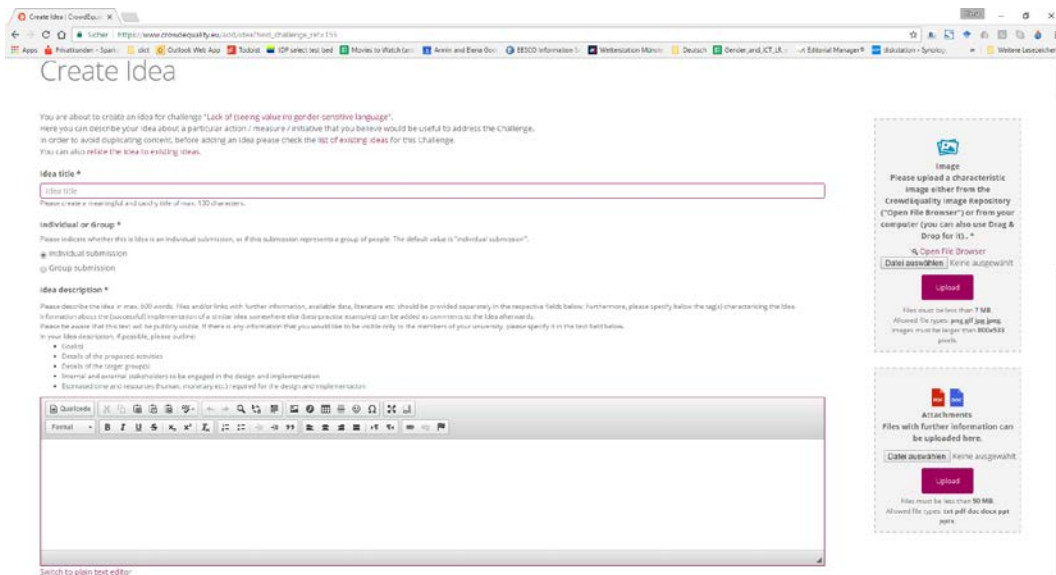


Figure 27. Add Idea (Accessible to Logged-in Internal Users, 1/2).

Create Idea | Crowdsourcing

Internal information visible only to the members of your research institution

If there is any information or comments/networks, which should be visible only to the members of your research institution and not the general public, please provide them here:

Rich text editor toolbar: Bold, Italic, Underline, Text Color, Background Color, Bulleted List, Numbered List, Indent, Outdent, Link, Unlink, Image, Video, Table, Undo, Redo, Fullscreen, Print, Source, Help.

switch to plain text editor

Tags

Please select tags characterizing the idea. Do you feel a tag is missing? [Please communicate it to us](#) (opens in new window)

None

[Add another item](#)

Relate the idea to one or several existing ideas

Select related ideas from existing ideas: [by challenge](#) or [by tags](#)

Further links

Please provide link(s) with further information. Especially the links with further information about implementation of some/similar ideas would be valuable.

[Add another item](#)

• Would you like your author-identifying information to be anonymized?

☐ Post as Anne Corduneanu

☐ Post as Anonymous

Figure 28. Add Idea (Accessible to Logged-in Internal Users, 2/2).

2.2.7 Non-monetary rewarding of users

The Platform foresees a non-monetary rewarding mechanism to motivate all its users to contribute to it. For each contribution (submission of an Idea or Challenge, commenting on or ‘Liking’ existing content etc.) a user receives points displayed in the “Rankings” section of the Platform, which is accessible to logged-in users (<https://www.crowdequality.eu/rankings>, Figure 29). Information about the RPOs and users contributing to the Platform the most is displayed in the “Rankings” section.

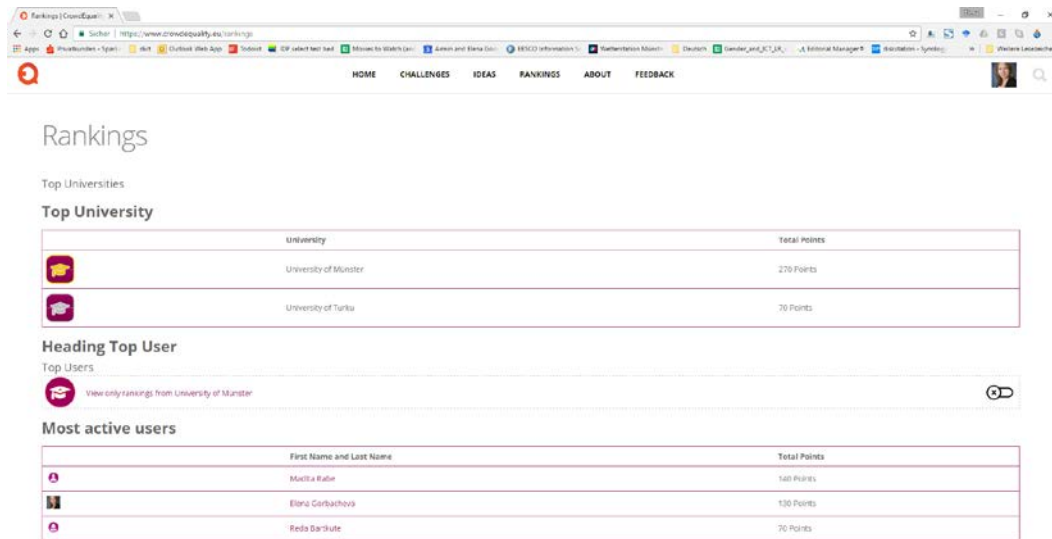
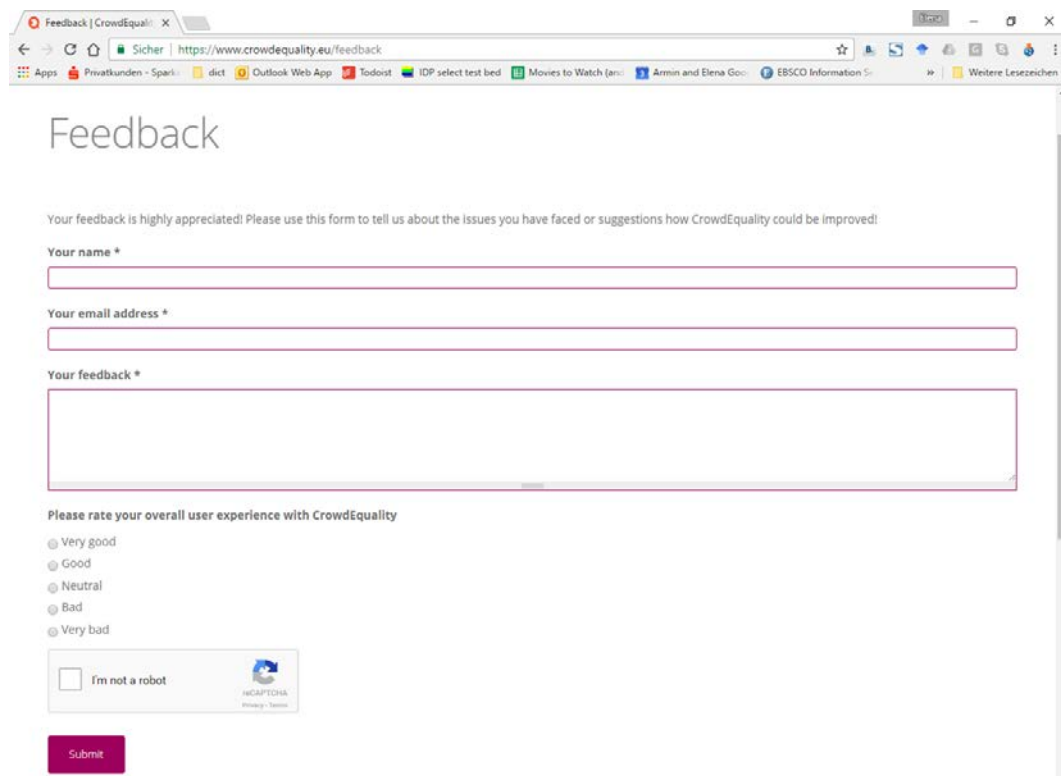


Figure 29. User Rankings Page (Accessible to Logged-in Internal Users).

2.2.8 Feedback

There is an opportunity for each Platform user (including those who are not logged-in) to get in contact with the Platform moderators at the Department using the “Feedback” section of the Platform (<https://www.crowdequality.eu/feedback>, Figure 30). Users can communicate the issues they have faced or suggestions how the Platform could be improved. The users are also asked to rate their overall user experience with the Platform. This feedback form is secured with the CAPTCHA test. All user feedback is then delivered to the Platform mailbox (crowdequality@ercis.uni-muenster.de) and further considered and addressed by the Platform moderators on a regular basis.



The screenshot shows a web browser window with the URL <https://www.crowdequality.eu/feedback>. The page title is "Feedback". The main heading is "Feedback". Below the heading, there is a message: "Your feedback is highly appreciated! Please use this form to tell us about the issues you have faced or suggestions how Crowdequality could be improved!". The form consists of three main sections: "Your name *" with a text input field, "Your email address *" with a text input field, and "Your feedback *" with a large text area. Below these fields, there is a section for rating the overall user experience with Crowdequality, with radio button options: "Very good", "Good", "Neutral", "Bad", and "Very bad". At the bottom of the form, there is a CAPTCHA section with a checkbox labeled "I'm not a robot" and a CAPTCHA image. A "Submit" button is located at the bottom left of the form.

Figure 30. Feedback to Crowdequality Page.

3 Appendix

3.1 Appendix A: Requirements to the CrowdEquality Platform

Requirements to the Crowdsourcing Platform for the Generation and Discussion of Ideas

Goal: To implement (customise and/or develop) a crowdsourcing platform (the Platform) that collects ideas and triggers discussions about promising initiatives for promoting gender equality and diversity. These ideas address specific challenges identified at each of the 7 European universities participating in the EQUAL-IST project (Research Performing Organisations, RPOs) and might be then brought into practice.

You can find further information about the EQUAL-IST project (“Gender Equality Plans for Information Sciences and Technology Research Institutions”) at e.g. <http://equal-ist.ercis.org/about> or <http://equal-ist.eu/>

Ultimate goal of the Platform: facilitate participatory co-design of tailored Gender Equality Plans (GEPs).

Note 1: A tailored GEP developed for each RPO is a policy-planning document specifying measures/activities/interventions that will need to be brought into practice to address the specific challenges related to equality and diversity at this RPO.

Note 2: The Platform content will inform the GEP policy-planning document. GEPs will be fuelled by the ideas generated by the Platform users. The ‘best idea(s)’ addressing each of the challenges will be included in respective tailored GEP. The ‘best idea(s)’ will be first identified by the highest number of collected ‘Likes’, followed, if needed, by an additional voting for the ‘best idea(s)’ by the Platform users (once a critical mass of ideas/comments/‘Likes’ will be reached).

The Platform should have a name and a motto/slogan to refer to and to consider in the Platform URL → to be discussed and defined by all partners.

Functionality	Description	Further points to discuss, comments etc.
‘Main’ functionality to enable contribution to the Platform (by a wider audience of RPO professors, researchers, administrative staff, students, and external contributors)		
Idea submission	<ul style="list-style-type: none">- It is intended that the ideas would address specific thematic <i>challenges</i> revealed at each RPO. The challenges, as well as the initial ideas to address them, will be defined by GEP Working Groups (WGs) in advance during the “as-is” analysis at each RPO. Therefore, each challenge will be assigned to a specific RPO and each idea will be assigned to one of the challenges.- Each challenge (and respective ideas addressing them) will be tagged as belonging to one (or more) of the EQUAL-IST project areas: (1) HR practices and management processes, (2) student services, (3) institutional communication, or (4) research design and delivery.- Visualisation of the challenges/ideas<ul style="list-style-type: none">• Please brainstorm/discuss how the challenges could be visualized and present several options to us to choose from. (some examples: https://challenges.openideo.com/challenge?_ga=1.215827607.1866961295.1466687912 or https://meduza.io/en)- Platform areas (see the “Platform areas” functionality for further details)<ul style="list-style-type: none">• Each RPO will have a dedicated area of the Platform where the tailored challenges specific for this RPO will be presented.- User roles & permissions (see the “User roles & permissions” functionality for further details)	<ul style="list-style-type: none">- Contribution language: ideas/comments have to be submitted in English to enable their publication in the ‘shared’ area of the Platform. Additionally they can also be submitted in local language (German, Finnish, Italian, Portuguese, Lithuanian, or Ukrainian/Russian).- Comments submitted in the ‘private’ areas of the Platform can be in local language only (i.e. no need to translate them to English), these comments will not appear in the ‘shared’ area of the Platform.-- Our ‘focus’ contributors are people from the target RPOs who are actually

	<ul style="list-style-type: none"> Depending on the user role, for each user the information stored on the Platform will be either (a) anonymized entirely, or (b) anonymized for certain content, or (c) not anonymized. <ul style="list-style-type: none"> - Content anonymization (see the “Data-tracking, data privacy & security” functionality for further details) <ul style="list-style-type: none"> Each submitted challenge and idea will be by default marked as “available for public view after anonymization”, except when a user sets additional restrictions. - When submitting a challenge/idea, it should be possible to use both texts and visuals. - Textual information about each challenge/idea will be submitted in a structured way. The exact information structure is still to be discussed. <ul style="list-style-type: none"> It is intended that initial ideas submitted to the Platform will be developed by GEP WGs based on internal discussions. During these discussions, which will take place from October 2016 to February 2017 at each RPO, among others, the GEPs already implemented at other universities (summarized in the http://equal-ist.ercis.org/ database) will act as an inspiration for GEP WG members when developing initial ideas addressing RPO-specific challenges. Then, when submitting an idea to the Platform, in its description it can be specified if same/similar idea has already been (successfully) implemented earlier by other universities and, if it is the case, provide respective link(s)/file(s) (all files and links are summarized in the database, but are also in open access). This would act as a justification, why the idea was selected, and also as an additional material to get more insights into the idea. - There needs to be an option that a user can also specify an additional challenge, which is his/her opinion exists at an RPO, but was not included in the initial list of challenges. This newly specified challenge will be then checked/discussed by GEP WG members and, in case the challenge is found relevant and not superfluous (already covered by the other challenges), it should be possible to add it to the list of RPO-specific challenges at any time. 	familiar with the challenges and who might have an understanding, what practices it would be realistic to implement. We cannot force them to contribute in English, as it might significantly hinder their motivation to contribute (especially for those countries where people commonly do not speak English). So for the comments the contributors should have the freedom to use any language they like.
Discussion boards	<ul style="list-style-type: none"> - It should be possible to collect feedback (to leave comments) on <ul style="list-style-type: none"> (a) each thematic challenge (b) each idea addressing any challenge (c) each comment submitted for (a) or (b) 	
‘Liking’ and voting	<ul style="list-style-type: none"> - It should be possible to ‘Like’ (a) a particular idea and (b) a comment. - Once an idea or a comment receives a comment or a ‘Like’, a respective symbol/sign should appear + a user who submitted the ‘Liked’ idea or comment should receive a respective notification. - Once enough ideas for each challenge are submitted and discussed, registered users will have a chance to vote for the ‘best idea(s)’ (both upvoting and downvoting should be supported at this stage). 	
Further (technical) Platform functionality		
Designated area for each RPO	<ul style="list-style-type: none"> - The Platform will contain a separate area for each RPO (with the opportunity to add further areas easily for the future use), where specific challenges of the respective RPO will be presented, together with the ideas how to tackle each of the challenges and the comments to these ideas. 	

<p>User registration</p>	<ul style="list-style-type: none"> - It should be possible to create user profiles accessible to a respective user with a possibility for a user to further change/update his/her profile information, as well as to delete the whole account. - During registration, each user will be asked to provide information about his/her gender, age, occupation (professor, researcher, administrative staff, student, or external contributor e.g. gender expert) etc. + a picture. Based on this information, a user role will be assigned to each user with respective user rights (see the “User roles & permissions” functionality). - A challenge is to ensure during the registration process that a registrant really belongs to a specified RPO. <ul style="list-style-type: none"> • Therefore, each registrant will be asked to use his/her university email address during the registration. A list of all allowed email domains for the 8 RPOs will be created (e.g. “@uni-muenster.de”, “@unive.it”, “@unimore.it”, “@utu.fi” etc.). The link to finalize the registration process will be then sent to this university email address. • It might happen that not at all RPOs the students (or even staff members) have university email addresses. <ul style="list-style-type: none"> o In case of S. Kuznets Kharkiv National University of Economics, an individual solution can be developed by manually making a list of relevant contributors and sending them personal invitations to register on the Platform. o If it turns out that more universities do *not* have a dedicated domain for email addresses for its (a) staff members and/or (b) students, another solution should be developed. E.g., to provide a registration code / invitation link with an expiry date, which will be published on an RPO intranet (targeting RPO staff members), as well as closed areas of an RPO website for students or other closed groups for RPO students. - The option to register / log in should be prominently displayed on the Platform. - Each user will be asked to read and accept the “Terms and Conditions” document in order to complete the registration process. - The “Terms and Conditions” document will, among others, contain the following information: <ul style="list-style-type: none"> • The restriction strategy will be clearly defined and communicated to users behaving in an inappropriate way. <ul style="list-style-type: none"> o It has to be described what behaviour would be qualified as ‘unacceptable’ and lead to restrictions to contribute to the Platform by the user. o It has to be ensured that this restriction would not be perceived as an attack on the freedom of speech. o Behaviour that does not qualify as ‘unacceptable’ will be ignored. o Participants will be encouraged to reply to negative comments with constructive comments in order to act as role models for destructive users. • Clarifications on the storage and usage of personal data will be provided. Specifically, the following statements will be included: <ul style="list-style-type: none"> o Collected personal data will be stored in a secure way on the server of the Department of Information Systems at the University of Muenster (Muenster, Germany). o Collected personal data might be displayed only in the private area of the Platform available only to (a) registered and logged-in contributors from your university and (b) EQUAL-IST consortium members. 	
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	<ul style="list-style-type: none"> o Collected personal data will be anonymized before it is made available to the public area of the Platform or to any Third Party (inside or outside the European Union). <p>- Registration process will be completed, once a user follows a confirmation link sent to the provided email address.</p>	
User roles with differentiated permissions	<p>The following user roles will be differentiated:</p> <ul style="list-style-type: none"> • Moderator <ul style="list-style-type: none"> o A person at the WWU who will be responsible that the Platform works smooth; the role with the highest level of user permissions o Can view and contribute to all content of all areas of the Platform o Has the following additional functions: <ul style="list-style-type: none"> ▪ to assign/restrict access to specific areas of the Platform to specific users; ▪ to track the actions and feedback from users; ▪ to restrict the users behaving in an appropriate way (defined in the “Terms and Conditions” document); ▪ to extract/export and analyse the data collected on the Platform (see the “Data analytics” functionality). • EQUAL-IST consortium members <ul style="list-style-type: none"> o The people who are in the all@equal-ist.eu mailing list + members of GEP WGs will be assigned to this user role o Can view and contribute to all content of all areas of the Platform (if they like) o The idea is that the EQUAL-IST consortium members form a team and can learn from each other and exchange ideas by participating in and contributing to all discussions conducted on the Platform. • RPO ‘A’ (any of the 8 participating RPOs) staff and students who are *not* part of the EQUAL-IST project consortium <ul style="list-style-type: none"> o People who belong to RPO staff members (e.g., WWU professors, researchers, administrative staff) and students and who are not involved in the EQUAL-IST consortium will be assigned to this user role. o These people form the target audience of the Platform, as they would provide the ‘wisdom of crowds’ and ensure further bottom-up GEP design crucial for the success of the overall EQUAL-IST project. o It is assumed that they are familiar with the challenges existing at RPO ‘A’ and also with the context (what ideas it would be realistic to implement at RPO ‘A’ and what would not work). Therefore, it is important to motivate a large number of such people to contribute. o Can view and contribute to the content of the RPO ‘A’ area of the Platform. o RPO ‘A’ can also make a list of so-called <i>External Contributors</i> they directly cooperate with, who they would like to also contribute to the RPO ‘A’ area of the Platform. External contributors can be then invited to register to the Platform and have the same permissions as all other RPO ‘A’ staff and students. <ul style="list-style-type: none"> ▪ External contributors are partners who have sufficient knowledge of the context / specific challenges at RPO ‘A’ and whose feedback is valuable for RPO ‘A’ (e.g., people from some 	<p>General rule regarding the permission to contribute:</p> <ul style="list-style-type: none"> - each logged-in user can contribute to everything (s)he is allowed to see without pre-approval by a Moderator. <ul style="list-style-type: none"> • Exception: “Type 1 External Users” are allowed to only ‘Like’ an idea or comment or vote for an idea, but *not* to submit any new comment - not logged-in users are allowed to only view the *anonymized* content marked as “available for public view”, but not contribute in any way. <p>Moderator</p> <ul style="list-style-type: none"> - One of the members of the Implementation team is encouraged to become the Platform Moderator after the end of the Project Seminar.

	<p>governmental institutions with whom RPO 'A' would like to jointly implement some intervention programs).</p> <ul style="list-style-type: none"> o Students at RPO 'A' (who are *not* members of the respective GEP WG) will have access to all content of the Platform area for this RPO. I.e. RPO 'A' students will be allowed to view and contribute not only to the challenges related to student services or institutional communication (those directly relevant for the RPO 'A' students), but also to the challenges related to e.g. HR practices and management processes (those relevant for the RPO 'A' staff). o All further areas of the Platform (those of the other RPOs) will be *anonymized* for RPO 'A' staff and students, just like for all further external users (see below). For these areas (i.e. other than the RPO 'A' area of the Platform) they will have the same permissions as "Type 1 External Users" (see below), but on individual basis they can also be promoted to "Type 2 External Users" (see below). <ul style="list-style-type: none"> • *Not* logged-in users <ul style="list-style-type: none"> o This group encompasses all other people neither belonging to any of the RPOs nor to the external contributors (see above). o EQUAL-IST Advisory Board members also belong to this group (if not promoted to <i>External Contributors</i> by one or more RPOs). o The external users will see the *anonymized* content in the 'shared' area of the Platform, without the need to register for it. I.e. they will see the text of challenges/ideas, but there will be no information, at what university does this challenge exist, who submitted a challenge/idea etc. As for the comments, due to language-related issues (all content in the 'shared' area of the Platform must be in English), only the comments submitted by other external users will be visible in the 'shared' area of the Platform, not the comments submitted in each 'private' RPO area of the Platform. • External Users <ul style="list-style-type: none"> o External users will also be given the opportunity to register and then contribute. o The content of the Platform will still be anonymized for them, even when they are logged-in. o "Type 1 External Users" <ul style="list-style-type: none"> ▪ These registered users can 'Like' an idea or comment or vote for an idea. However, they will *not* be allowed to submit a new comment. ▪ This is the default option available for any external and registered user. o "Type 2 External Users" <ul style="list-style-type: none"> ▪ Specific external users will be allowed to additionally contribute to the anonymized content of the Platform, i.e. submit further comments. ▪ These additional permissions will be granted manually on a case-by-case basis. In order to do it, any member of the EQUAL-IST consortium will need to send an email to the Platform Moderator, providing email addresses of the desired external users to be promoted to "Type 2 External Users". o In case functionality is implemented to block inappropriate content in an automatic way, all External Users should have the extended "Type 2 External Users" permissions, i.e. can (1) 'Like' an idea or comment, (2) vote for an idea at a later stage, and (3) submit further comments to any content visible to them. 	
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Data tracking, data privacy & security	<ul style="list-style-type: none"> - Before any Platform content is made available for the public view (in English), it has to be anonymized. <ul style="list-style-type: none"> • Anonymization means that all author-/university/country-identifying information is excluded. For that, each contributor will be asked to not reveal in the English text of the idea/challenge any RPO/Country/Author-identifying information. <ul style="list-style-type: none"> o This would be the easiest solution to keep anonymity of the content in the 'shared' area of the Platform without the need for (manual) pre-approval. • In case there is an opportunity (time left), the Platform implementation team will need to develop a module that would anonymize content in an automatic way (by substituting keywords identifying any RPO/its country with smth like <excluded for public view>) - Each submitted idea or comment will be by default marked as "available for public view", but each user will have an opportunity to put additional restrictions to the created content (before submitting it): <ul style="list-style-type: none"> • "not for a public view": the content will only be visible in the 'private' RPO 'A' area of the Platform. Further external / not logged-in users will not see this content in the 'shared' area of the Platform. • "anonymize author-identifying information for everyone": the author-identifying information would not be visible to any other users. <ul style="list-style-type: none"> o The expectation is that this would motivate people to not be afraid to express their honest opinions. o If a user does not need this anonymity, a user name and, if available, picture would be displayed and visible to the users having access to the 'private' RPO 'A' area of the Platform. - At the same time, it should be possible to track the actions and feedback from users; this information will be available to the Moderator only. - The Platform has to comply with the ePrivacy Directive from the European Commission. <ul style="list-style-type: none"> • Please find and read this document and later on report on how it was considered during the Platform implementation. 	
Usability	<ul style="list-style-type: none"> - The Platform needs to be catchy and inspire people to spend time on it and to contribute; the 'aesthetic' component is important. - The Platform design (user interfaces, functionalities etc.) has to follow the principles of <i>Inclusive Information System Design</i>. <ul style="list-style-type: none"> • Several guidelines to ensure the inclusive Platform design were presented and discussed during the respective individual presentation (title: "Inclusive Information System Design") at the Project Seminar kick-off on October 5th, 2016. Please consider any of the selected guidelines during the Platform implementation and later on report on how it was done. 	
Maintainability	<ul style="list-style-type: none"> - The system should be conceptualized in a way that it is scalable and can be easily adapted to changing requirements, be easy to maintain/administer. - When accessing the Platform from a mobile device (tablet, smartphone), it should be user-friendly. 	Note: *No* dedicated app needs to be developed.
News panel with	<ul style="list-style-type: none"> - A news panel should be available, which shows the ideas and comments recently submitted to the Platform. - It should be possible that everyone (also external people) can subscribe to the Platform updates, i.e. receive via email information about a newly submitted idea/comment to a specific challenge or to any challenge. 	

subscription option	- An (additional?) news panel should also duplicate the general news about the overall EQUAL-IST project (e.g., the last project-related Twitter posts), so that the Platform also acts as another EQUAL-IST project dissemination tool.	
Data analytics	<p>- It should be possible for the Moderator to extract/export and analyse data related to user profiles, submitted ideas, and comments (with an opportunity to visualise the analysis results in tables and charts). Examples of possible analysis are as follows:</p> <ul style="list-style-type: none"> • number of ideas proposed (per challenge, per user) • number of comments (per challenge/idea, per user) • 'Like' rate (per idea/comment, per user) • overall number of visits • if possible, some tag clouds on most frequently discussed keywords <p>- It should also be possible to do a separate analysis of the content/'Likes'/votes submitted by (a) RPO 'A' staff and students and (b) external users ("Type 1 External Users" and "Type 2 External Users")</p> <p>- It should also be possible to calculate the "popularity of the Platform" based on</p> <ul style="list-style-type: none"> • overall number of visits to the Platform • the number of subscriptions for updates • the number of registered users 	
Search & filters	<p>- It should be possible to perform a search on the Platform with the opportunity to sort the returned results by (a) relevance and (b) date.</p> <ul style="list-style-type: none"> • With this, it should be possible for a user who would like to submit a new idea to first search and filter what other similar ideas might have already been submitted. 	
'Feedback about the Platform button'	It should be possible to send suggestions for the Platform improvements, report on the identified bugs etc. (by anyone, also for those who are not logged-in). All these comments should be sent to the email of the Moderator.	Please discuss and propose a solution how to avoid/minimize the chance that spam is sent to this email.
Rewarding mechanism (non-monetary)	<p>A user contributing to the Platform should receive some non-monetary rewards motivating him/her to contribute further. For example, via</p> <ul style="list-style-type: none"> • Gamification features (Avatars, Badges, etc.) • alerts (with an option to switch them off) • praise the 'contributor of the month' 	Please consider insights from the respective individual presentation (title: "Factors motivating the contribution to Idea Crowdsourcing Platforms") held at the Project Seminar kick-off on October 5th, 2016.
Integration with social media	There should be an opportunity to facilitate sharing of the anonymized content of the Platform to general public (not logged-in users) also via social networks (Facebook, LinkedIn etc.) to raise the public awareness about the Platform. Please think what would be the best/easiest way to do it.	

3.2 Appendix B: CrowdEquality Technical Documentation

CrowdEquality.eu

Documentation

20.03.2017



Participants:

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1 Executive Summary

The second chapter of this documentation tries to give an overview of the EQUAL-IST project with some background information and a summary of its goals and motivations. Then the team and structure of the project seminar is presented.

After these two introducing chapters follows the main documentation, where technical and semantical aspects are described. The chapter is divided into a part where conceptional associations are clarified and a part where every module of the crowdsourcing platform is documented separately.

2 EQUAL-IST

2.1 Motivations and Goals

According to the CrowdEquality platform:

„The goal of the EQUAL-IST project is to introduce structural changes to enhance gender equality and diversity in Information Sciences and Technology (IST) research institutions. The project aims at supporting seven IST research institutions from Northern, Southern, Central, and Eastern European countries in designing and implementing tailored Gender Equality Plans.“

One action of EQUAL-IST is the crowdsourcing platform CrowdEquality, which *„collects ideas and triggers discussions about promising initiatives for promoting gender equality and diversity and is specifically targeted at research institutions.“*

2.2 Project Partners

The EQUAL-IST project consortium consists of ViLabs as the project coordinator and eight inter-cultural partner universities. The transdisciplinarity and diversity of the team creates a holistic approach to promote gender equality especially at research institutions. The multiplicity of individual competencies coupled with a good base of resources like personnel and equipment ensures the project success.

List of project partners:

- ViLabs (Project Coordinator)
- The University of Münster (WWU)
- University of Modena and Reggio Emilia (UNIMORE)
- The University of Minho (UMINHO)
- Simon Kuznets Kharkiv National University of Economics (KhNUE)
- Ca' Foscari University of Venice (UNIVE)
- The University of Liechtenstein (UNILI)
- The University of Turku (UTU)
- Kaunas University of Technology (KTU)

3 Project Seminar

3.1 Project Team

The project seminar team consists of eight bachelor students in information systems at the University of Münster. In this course of studies one module is the project seminar, where previous learnings shall be used in a practical project to solve an existing problem. Everything is supported and supervised by university employees.

3.2 Modus Operandi

In the first step the requirements for the crowdsourcing platform were given to the students. Afterwards the seminar team had to find a way to build the platform on its own. In weekly meetings with the supervisors the project progress was shown, possible questions were answered and adjustments were made. Furthermore at any point during the seminar the project team had the opportunity to ask questions via email or to visit the supervisors in their offices.

3.3 Time Table

The seminar took place from July 2016 to March 2017. It can be divided in several different phases.

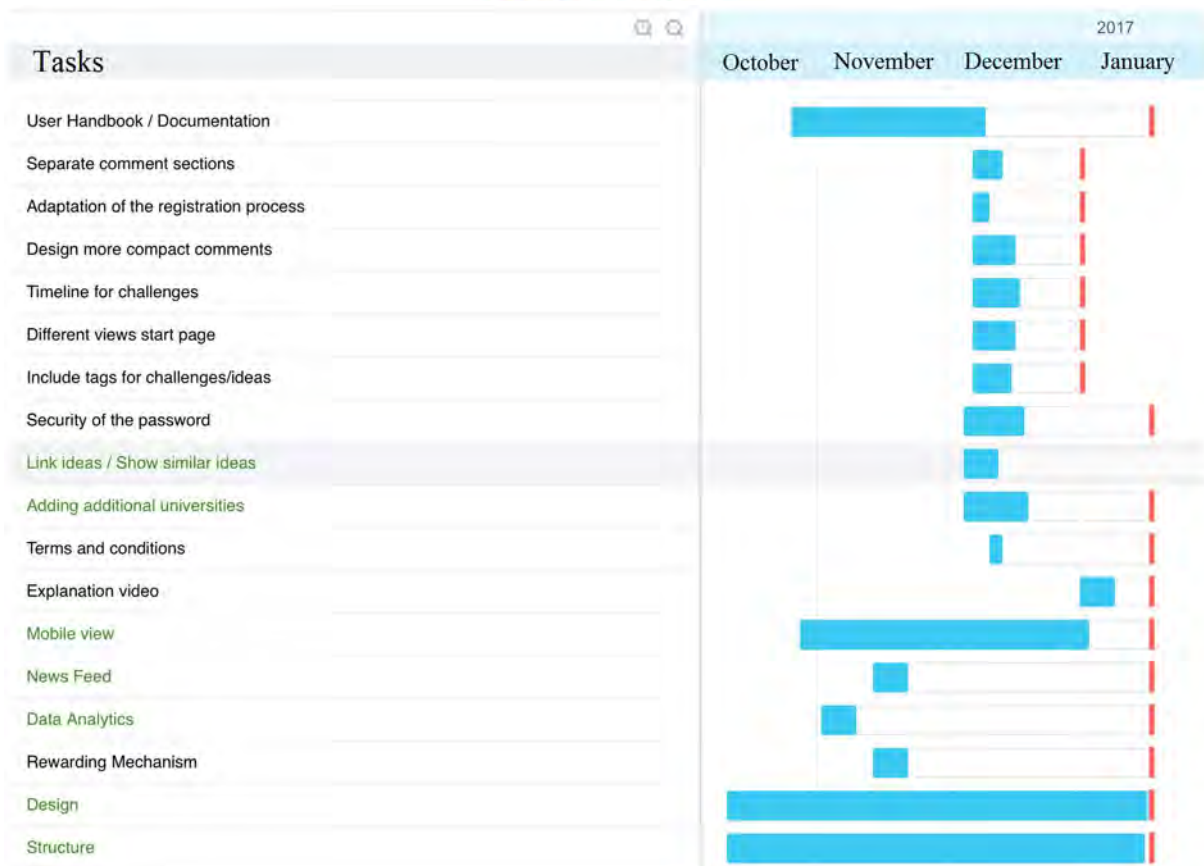
In the **preparation phase** (July - October) the group formation got arranged and every member prepared a project-relevant topic, which was presented at the kick-off meeting at the 05.10.2016.

The seminar team familiarized itself with the project requirements and project scheduling in the **planning phase** (October). Furthermore, the first administrative and organizational tasks were distributed.

The following **project phase** (October-January) consisted of two halves. A fast decision in form of a system choice had to be made to keep the time table. Due to a midterm-presentation in Venice the seminar team had to complete at least a prototype to present it the project consortium.

After the presentation, the seminar team continued with the implementation and testing of the platform. At this the feedback of the consortium was included. All tasks were accompanied by weekly team meetings and documentation of the work.

The last fine-tuning took place in the **completion phase** (January-February). Much time was spent to fix the last bugs and to clean up the website. Additional to that the presentation of the final platform and the raw version of the documentation was prepared.



First Design of our Time Table

3.4 Goals and Deliverables

The goal of this project seminar was to implement a crowdsourcing platform for gender equality and diversity that triggers discussions about collected ideas to promote these aspects at the eight partner universities and especially at their IT departments.

Further deliverables were a mid-term presentation in Venice, a final presentation to close the seminar and a detailed documentation of the platform to enable the opportunity to make future changes.

(Preliminary) High-Level Requirements to the Crowdsourcing Platform for the Generation and Discussion of Ideas

Goal: To implement (customise and/or develop) the crowdsourcing platform that collects ideas and triggers discussions about promising initiatives for promoting equality and diversity, which will then be brought into practice at the 8 participating European universities (the Platform).

Title	Description	Priority
Functionality to enable contribution to the Platform (by a wider audience of professors, researchers, students, administrative staff, and external stakeholders)		
Idea submission	<ul style="list-style-type: none"> - It is intended that the ideas would address the specific thematic <i>challenges</i> existing at each of the 8 participating universities (the challenges will be defined in advance). Therefore, it should be possible to tag or cluster/assign each idea to one of the challenges. - When submitting an idea, it should be possible to use both texts and visuals. 	High
Discussion boards	<ul style="list-style-type: none"> - It should be possible to collect feedback (to leave comments) on <ul style="list-style-type: none"> (a) each thematic challenge (b) each idea addressing any challenge (c) each comment submitted for (a) or (b) 	High
Rating/voting mechanism	It should be possible to 'Like'/'Not Like' (or rate e.g. using a 'star' scale from 1 to 5) (a) a particular idea and (b) a comment.	High
Further (technical) Platform functionality		
Platform usability	<ul style="list-style-type: none"> - The Platform needs to be catchy and inspire people to spend time on it and to contribute; the 'aesthetic' component is important. - The Platform design (user interfaces, functionalities etc.) has to follow the principles of <i>Inclusive Information System Design</i>. The required activities to ensure the inclusive Platform design will be presented and discussed during a webinar, involving the Project Seminar participants. 	High
Rewarding mechanism (non-monetary)	<p>A user contributing to the Platform (submitting an idea and/or commenting on an idea) should receive some non-monetary rewards motivating him/her to contribute further. For example, via</p> <ul style="list-style-type: none"> - alerts (with an option to switch them off) - symbols/signs appearing once an idea or a comment receives a comment or a positive rating ('Like') 	Medium
User roles & profiling	<ul style="list-style-type: none"> - During registration, each user will be asked to provide information about his/her institution, sex, age, occupation etc. + a picture. Based on this information, it should be possible to create user profiles accessible to a respective user (with a possibility for a user to change/update his/her profile information). - <i>Moderator</i> is the role with the rights (a) to assign/restrict access to specific areas of the Platform to specific users, (b) to restrict the users behaving in an appropriate way. 	High
Platform areas	<ul style="list-style-type: none"> - The Platform should contain a separate area for each of the 8 participating universities (with the opportunity to add further areas easily), where specific challenges of the respective university will be presented, together with the ideas how to tackle each of the challenges and the comments to these ideas. - User rights (what users can view/edit what content of what Platform area) will be defined in the course of the Project Seminar. - In the course of the Project Seminar it will also be defined, what data should be available to general public (those users who are not logged in) and to what extent the public data will need to be anonymised. 	High

Title	Description	Priority
Data-tracking, data privacy & security	<ul style="list-style-type: none"> - Each user should have an opportunity to decide, whether he/she would like to have the information from his/her profile publicly available (but this information should be visible to all logged-in users). - Each user should have an opportunity to anonymise any submitted idea or comment (so that even for logged-in users the author-identifying information is not visible; we expect that this would motivate people to not be afraid to express their honest opinions ☺). If a user does not need this anonymity, his/her name and picture would be displayed (it is still to be discussed though, whether this information would be visible only for logged-in users or also for general public). - At the same time, it should be possible to track the actions and feedback from end-users; this information will be available to the Platform moderator only. - The platform has to comply with the ePrivacy Directive from the European Commission. 	High
Maintainability	The system should be conceptualized in a way that it is scalable and can be easily adapted to changing requirements, be easy to maintain/administer.	High
Data analytics	<ul style="list-style-type: none"> - It should be possible to extract and analyse data related to user profiles, submitted ideas, and comments (with an opportunity to visualise the analysis results in tables and charts). Examples of possible analysis are as follows: <ul style="list-style-type: none"> • number of ideas proposed (per challenge, per user) • number of comments (per challenge, per user) • 'Like'/applause rate (per comment, per user) • overall number of visits • if possible, some tag clouds on most frequently discussed keywords 	High
Search & filters	It should be possible for a user who would like to submit a new idea to first search and filter what other similar ideas might have already been submitted.	Medium
The 'Feedback about the Platform' button	It should be possible to send suggestions for the Platform improvement, report on the identified bugs etc. All these comments should be sent to the email of the Platform moderator.	Medium

3.4.1 Development

The following weekly meeting reports show the development progress and corresponding discussions.

Meeting 1 – 2016-10-05

Date:	05 th October 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10:00 am to 16:00pm
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Marvin Elders

Meeting

Agreed to meet again on Wednesday 12th October 2016 at 11 am

Defined the requirements within the crowdsourcing platform

Every student present their presentation

Supervisors and the people who participate over Adobe Link ask some questions

Supervisors give us generally tips for further presentations: not reading, creation of a detailed agenda, sources on every slide and a general overview on the last side, work with academic research and sources trace back

Tasks for next week

Have to look at the requirements document

Preparation of a detailed time plan up to the mid-term presentation and a rough time plan for the period after it

Distribution of organisational tasks like project management and reporting

Decide to take part at a discussion round next month

Others

We have a room in Leo 1 for further weekly meeting with the project members

Decided to meet every week on Wednesday in room 115 in Leo 3 at 10 am

Meetings have a duration of a proximal one hour

Meeting 2 – 2016-10-12

Date:	12 th October 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	11:00 am to 12:00 pm

Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring and Marius Sprenger
Secretary:	Marius Sprenger

Meeting

Next two meetings take place in room 119 in Leo 3

Cover updates from Drupal while programming

Program modules should be independent from other modules to simplify updates

Discussed again the view of the platform from different user roles

Data analytics should not be detailed but useful for the platform

Early start with the mobile view of the platform

Maybe later integrate MySQL 5.7 instead of the previously used MySQL 5.6

Talk about our wishes to hardware with the supervisors

Tasks for next week

Preparation of a sketch of the platform e.g. with Balsamiq

Distribution of the tasks within the group

Creation of a table with the already established modules in Drupal/OpenIdeo

Submission of an agenda in the Dropbox folder for our weekly reports

Others

Protocols should be a short text in English about the discussed contents during the meetings with all present participants

Gain access to our project room in Leo 1 by Nicolas Pflanzl after the meeting

Meeting 3 – 2016-10-19

Date:	19 th October 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.119
Time:	10:00 am to 10.30 am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Sina Nordlohne, Michael Raring, Katja Schulke and Marius Sprenger
Secretary:	Sina Nordlohne

Meeting

We report on our last actions within the project meeting to the supervisors

Balsamiq: Integration of a Twitter Feed, add changes in the user profile (gender, department in the university, about me,...)

Challenges should have a deadline

Creation of a timeline for every challenge (ideas submission, feedback, refinement, best ideas, impact)

Platform name should refer to gender equality and idea crowdsourcing

External Users should login with social media accounts (Facebook, Google, LinkedIn etc.)

Integration of high level projects and assignment of challenges to a project

Tasks for next week

Terms and condition and house rules

Documentation of module: What is already established in Drupal/OpenIdeo and what has to be changed?

Have a look at other platforms which base on OpenIdeo

Login/Logout module

Others

Creation of a subfolder in Dropbox for the supervisors

Upload a list with all addresses of the team members

Upload the Gantt-Chart from Bitrix in the Dropbox folder

Minutes should be stitch-points

Meeting 4 – 2016-10-26

Date:	26 th October2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.119
Time:	10:00am– 10:50 am
Supervisor:	Benjamin Barann, Dr. Stefan FleischerandElena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Marius Sprenger

Meeting

Advice to use a standard template for the standard form contract (AGB's).

Additionally we were encouraged to develop a guideline for the users on how to behave when participating in the platform.

When using the social media login, data privacy questions need to be answered (e.g.: what kind of data does Facebook receive? Does the social login collide with data privacy regulations?)

Apparently there is a standard template from Facebook available. We should also look for similar templates from Google and LinkedIn

The platform should have the feature that users can delete or edit their comments and posts.

A possibility here is that other users are being notified when posts get deleted. Also when posts are deleted they could be replaced by some kind of dummy

Challenges need to be in English

Anonymous or not logged-in users need to see everything in English

We agreed that the Twitter feed does not need to be on the Start page

Elena asked to finalize the design mockups and to upload them into a single file so that she can evaluate them

Concerning the topic of vulgar/insulting content: maybe it's possible to develop an algorithm that recognizes this type of content and blocks/removes it.

Tasks for next week

Over the last week we implemented a feedback form for users, which still needs to be changed according to design decisions

Others

Clear structure and clear outline of what was done in the past week, how the current progress now is and what is planned for the following week

Meeting 5 – 2016-11-02

Date:	2 nd November 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10:00 am–10:56 am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger
Secretary:	Lion Marwin Dekker

Meeting

Advice to develop own modules if possible

If a person of the university of muenster publishes an idea etc. it will be tagged to the university and then can only be seen by other members of this university

As a member of one university you shouldn't see the assignment of ideas of other universities
In the registration process, there should be a note that you should register with your university-email, which should be automatically recognized in the best case

When registering with facebook or other social networks, the membership of a university won't be recognized, so an additional text field for the e-mail address is necessary (a confirmation link has to be sent, too)

We should look up several bootstrap themes and choose some of them. This list should be sent to the supervisors for the decision.

We should make some templates with every textfield and input which is necessary for the registration process or creating a challenge or idea.

The registration format needs to be reworked (e.g.: the option for anonymity should not be included in the format, that option has to be assigned to the messages and ideas)

If a creative and good looking implementation of the twitter feed is possible, it should be used.

We have to create a script for simplifying the addition of a new RPO.

The priorities for the midterm presentation are a good design of the platform, the possibility to add an idea or a challenge, to register and the separation between the universities

A responsible person for every task has to be assigned

Advice to keep consistency in mind while working on the design (what menus are necessary etc.)

It is necessary to control and censor comments, so a suitable module should be integrated. Also the moderator should get a notification if inappropriate content is published.

Option for external users to contribute (only liking vs. liking and contributing)

Three stages for ideas:

Stage 1: brainstorming with only liking

Stage 2: voting for different ideas with like and don't like buttons

Stage 3: commenting ideas

Tasks for next week

Realization of the separation between the universities

Selection of a new bootstrap theme

Other:

Presentation of what was done in the past week (testing of several modules, detailed summary of used modules, first use of github etc.)

Meeting 6 – 2016-11-09

Date:	9 th November 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10.00 am–11.27 am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke and Marius Sprenger
Secretary:	Franziska Graffe, Marvin Elders and Lion Marwin Dekker

Meeting:

In order to choose a specific theme a document with several screenshots of the possible themes should be created and sent to the supervisors

The Registration/Log in should be in the middle of the screen ("Participate")

By choosing the registration button, you will get to a new page with three options

Option 1: Member of a university (with the logos of the universities)

Option 2: External

Option 3: Already a member

Hint on using the email address of the university

The link on the upper right should be just the log in

More automatization is needed in case of the taxonomy-user-role-relationship

We should think about how it is necessary to combine or separate the own developed modules

The challenges should be able to be assigned to several different categories, not just one (and there should be a “other” category)

A challenge should alternatively be in the local language, if the publisher isn’t able to speak English. The challenge then shouldn’t be public and a responsible person should be noticed.

(We will get a list with the responsible persons for the different universities)

Comments can be written in the local language. They will only be visible in the private area.

Only challenges and ideas should be able to be commented

For every E-Mail-Domain there should be the option to assign a responsible person

A clear workflow for the user should be created: Challenge->Idea->Comment

Should be visible in the interface

There is a What-you-see-is-what-you-get-editor for drupal (“Wysiwyg”)

The challenges of a university should be highlighted for a member (i.e. with a color)

The normal name should be displayed instead of the user name

Other:

Presentation of the different drupal themes, of the planned website structure (i.e. a page for success stories), the use of GitHub, the present separation between the universities, the creation of challenges and ideas

Meeting 7 – 2016-11-16

Date:	16 th November2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10:00am–12:00am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke and Jan Wegener
Secretary:	Sina Nordlohne

Meeting

Finalize the terms and conditions document and send it again to Elena for a final check with the partners

Challenges always belong to a university (in the future maybe global challenges that are not assigned to a university)

If you are not a member of the university you are not able to see to which university the challenge and its ideas are assigned to

External people just can like or comment (not able to add ideas)

Members of a university can post internal ideas that always belong to a challenge

External view: Everything is anonymized e.g. username, name of the university

Internal view: No redundancies but further information

Add Idea: Box with existing ideas and autocomplete, so that user cannot submit ideas that already exist

Idea page: Filter by challenges

A content that is not visible for a user cannot be just faded out by the CSS file otherwise it is possible to get access to hidden content

While writing new modules, we have to keep the security in mind

For the analysis, it should be possible to track the owner of every comment and his role

Sunrise theme is the chosen theme

Tasks for next week

Resolve the security risk of the comments

registration process

WYSIWYG

Theme

Other:

Discussion about the platform language still is running, but next week there will be a decision

Feedback about the duration of the midterm presentation

Write an email to Elena about the twitter feed

Rework the document "Konzept"

Meeting 8 – 2016-11-23

Date:	23 th November 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10.00 am–11.27 am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer, Elena Gorbacheva and Armin Stein
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Franziska Graffe and Lion Marwin Dekker

Meeting:

Update of the current JQuery-Version.

It is necessary, that the server is updated immediately. Otherwise there are serious security issues.

It is better, if the admin or the moderator can change the phases of the challenges manually. For the second phase, there are still undefined aspects, it should be done after the midterm presentation.

A description of the phases must be added to the main page.

The Log-in-button should get another font

Dropdown select box for the participating universities

Date of birth should not be obligatory

Country should not be obligatory.

Country should be replaced by "Country of occupation".

For the midterm presentation, we should prepare two presentations of the website, one as an external user and one as a member of an university.

It is important for the presentation that we make clear, what is not included yet.

The information about the EQUAL-IST-project on the main page should be replaced by information about the website.

“About-Us” should be replaced by “About”.

The checkboxes should be designed consistent.

Other:

Presentation of the registration module, the new theme, concept for the midterm-presentation

Meeting 9 – 2016-12-07

Date:	7th December 2016
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10.00 am – 10.49 am
Supervisor:	Benjamin Barann, Armin Stein and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Jan Wegener

Meeting:

A direct link to the guidelines

Correct typos

University-icon in a better quality

“Click here” in the same textblock

Change the term occupation. What term is used in other formulars? (association of university)

“Would you like to receive...” instead of “do you want”

Fieldgroups registration-formular

Not challenges have deadlines, but universities?

Every challenge has a deadline, which is set to a default value, but you can change it manually

Copy the structure of the startpage from other crowdsourcing-platforms

Path-auto, link-structure

Xml-sitemap

Access to the server for Armin Stein. The website will move to a linux-server

The name of the website is CrowdEquality

Google analytics, agb

Change the names of the modules. Put all own modules in a group

Re-structuring of the content. Maybe different categories of comments

One tweet per week to post on twitter. (progress and a nice picture or screenshot) link hiding!

Meeting 10 – 2016-12-21

Date:	2016-12-21
Place:	Westfälische Wilhelms Universität, Leo 3.119

Time:	10 am–11.15am
Supervisor:	Benjamin Barann, Dr.Stefan Fleischer and Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Marvin Elders

Meeting:

Presentation of the so far taking care of tasks since midterm presentation
 Rewarding mechanism categories presentation
 Drupal variables use and write notes
 CSS fix width changing
 information block that the site is in maintenance mode like on portal.crowdstrom.de
 HybridAuth changing
 Drupal HTAccess http request redirected to https
 End of January Beta Version
 Writing on documentation on March
 Homepage name, slogan all on the homepage make the site more compact
 Linkin homepage to the right site
 Add idea not possible then greyed out and hover text for information
 Changing the order first like option then add Idea button and the information about the challenge with the associated ideas
 At the top of the side add comment button which scroll down to the newest comments
 PathAuto for example: /challenges/childcare
 Challenge creating other text field appear which Specific taxonomy choose every time but no listing of the new specified taxonomies
 Roles: Consortium members access to all content and contribute to all challenges/ideas if the content can anonymized
 Area of his/her university deleting changing everything
 External university members allowed to give the right rights to new members: external university members
 Tweeds one sentence and screenshot then done
 Customizing title/slogan homepage
 Email to WI support if the old domain can released

Meeting 11 – 2017-01-04

Date:	04.01.2017
Place:	Westfälische Wilhelms Universität, Leo 3.119
Time:	10:04–11:18
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Dr.Elena Gorbacheva, Dr. Armin Stein
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener

Secretary:	Katja Schulke
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Feedback and new tasks:

How the status should look (Feedback Challenge page):

Phase “in review” should be added in between phase „open“ and phase “reviewed” [Symbol] switching manually passieren (?) [Symbol] methode benötigt, wann und wie die challenges phasen is ok at first [Symbol] later on it should work automatically, e.g. via the likes or a date [Symbol] highlighting the ideas that are in another phase [Symbol] comments are allowed in every phase (even when they are no longer considered)
„Reviewed“ should be called „Voting“

In some of our modules the domain name is wrong (still links to the old server)

Print-view (optional, if we still have time)

Content needs to be filtered for swear words [Symbol] we must find lists of words to filter the content for

Remind the user not to mention names of universities/users/... in their content (module for filtering would be perfect, a message to the user would be enough)

Document regarding content: Reasoning for it: clarity, openness

Adding pictures to content:

User can obligatory add a picture he owns (make the user check that he owns it and that it is not copyright-protected)

If he doesn't have own pictures we offer a library with dummy-pictures where the user can choose from [Symbol] forming this library is not our task

If they do none of the above, a default picture is used instead and the moderator gets informed that he needs to find a picture for the content

Visualisation of RIs: idea: create connectedness between challenges

Problem: bad overview [Symbol] no solution for that yet

Idea: choose categorie, then show all the belonging challenges, the user can choose the ones that are similar to their own [Symbol] they are then shown on the challenge page

Additional field for links to related content/ websites

Belonging to a category, the specific target groups should be chosen from as well [Symbol] hierarchical select module

Idea usually addresses the same target group as the challenge [Symbol] flag; make it possible to shut the target group off and add new ones to every idea [Symbol] conditional fields module

It's fine to use colours as a distinction of different comment categories

Design of the starting page buttons

Take out the listings

Add links to explanation videos to the buttons

Padding starting at 100 auf 10, margin left and right auto

Idea Roles: only “university members” category [Symbol] User Taxonomy module

When will web e finished? (to start testing)

Mails to elena every time we finished something

Decide for a date

Font picture on starting page [Symbol] the greeks are responsible

Filter of content that also considers the target groups etc.

Organisational:

Next meeting at 11 o'clock

Meeting 12 – 2017-01-11

Date:	11 th January 2017
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	11:00am–12:00am
Supervisor:	Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke and Jan Wegener
Secretary:	Sina Nordlohne

Meeting:

We will upload the implementations for the data structure of the platform contents on the platform until Friday and report to Elena when it's done

Send Elena an email about pictures that we need for the platform, an overview of all implemented goals and our plans for the Data Analytics module

Data Analytics:

Email about what already has been done and what we have considered

We will get further information about the requirements for the Data Analytics module

The module should include a filter (i.e. how many ideas were published by students)

We do not need the username in the registration form or at all on the platform. If it is not possible to delete the username because of complication with other modules, communicate with Benni or Armin

Customize the registration form (Have a look at the document in the Dropbox folder)

Elena will consider if the separation of the content and comment notification in the registration form is necessary

Implement an "add comment" button in the right sidebar of the challenge and idea detailed page that automatically scrolls to the comment section

The vote button should be adapted. A user should be able to unlike an idea by just clicking on the thumb a second time.

Split the task so that some people fix bugs and other implement new features

Tasks for next week:

Data Analytics

Rewards

Phases

Data structure for the Platform content

Other:

Always report Elena when we make some bigger changes on the server, so that Elena can have look at it and give us some feedback

When we did some bigger changes on our localhost we can also send Elena a screenshot so that she can send us a feedback before we upload it on the server

Meeting 13 – 2017-01-18

Date:	18 th January 2017
Place:	Westfälische Wilhelms Universität Münster, Leo 3.115
Time:	10.05am–11.05am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer and Dr. Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Katja Schulke and Lion Marwin Dekker

Meeting:

An automatic and manual option to choose ideas for the second challenge phase should be implemented.

Ideas which weren't selected for the next phase should be set inactive but not be deleted.

There should be the option to set a challenge on "open" again, at least for the admin (i.e. if a challenge didn't get enough ideas in the planned time frame).

Option during the challenge creation to choose either a finish-date for the challenge or the manual version (dates for the end of the first and the end of the second phase).

There should be a filter option for challenges.

The username should be replaced by the e-mail address.

An option to filter internal and external comments distinguishable.

External and internal votes should be distinguishable.

Other:

Presentation of the different phases for challenges, the word filter, the new homepage, the adapted user profile with the reward badges, the ranking page with the top user/university and the search page.

Meeting 14 – 2017-01-29

Date:	25 th January 2017
Place:	Westfälische Wilhelms Universität Münster, Leo 3.119
Time:	10.05 am - 10.58 am
Supervisor:	Benjamin Barann and Dr. Stefan Fleischer
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Katja Schulke and Lion Marwin Dekker

Meeting:

The error message, which will be displayed if less than three ideas for the next challenge phase are assigned, may be unnecessary.

If a date in the past is assigned to a challenge phase, the system should display a suitable warning message.

The format of the date for the phases should be changed. ("/" indicates American dates)

The menu buttons should be in one line and centered.

The colours of the comments should be more transparent.

Css:

Vote buttons: the distance between the number field and the button border is not consistent. The buttons of the phase timeline don't have the same size.

Possible updates in the future could erase the changes in the goal module, so it is necessary to document them.

For every category should exist one standard picture the user can choose. Other pictures can be uploaded by the user.

Other:

Presentation of the new phase features, the statistics module, the ranking page and the solution of the problem with the realname and goals module.

Meeting 13 – 2017-02-01

Date:	1 st February 2017
Place:	Westfälische Wilhelms Universität Münster, Leo 3.119
Time:	10.07 am - 11.07 am
Supervisor:	Benjamin Barann, Dr. Stefan Fleischer, Dr. Elena Gorbacheva
Participants:	Lion Marwin Dekker, Marvin Elders, Franziska Graffe, Sina Nordlohne, Michael Raring, Katja Schulke, Marius Sprenger and Jan Wegener
Secretary:	Franziska Graffe, Katja Schulke and Lion Marwin Dekker

Meeting:

While changing a phase of a challenge there shouldn't be a restriction for the amount of ideas. The warning message which will be displayed, if less than three ideas are selected while changing a challenge phase, should just be an info message.

The author of a challenge should get a reminder via e-mail that the ending date of the challenge will change if no ideas are selected for a while.

An export button should be added to the statistics page.

There should be a pool of pictures for every selection option on the site. The user should be able, if he doesn't want to upload own pictures, to choose one in this pool.

We will get access to fotolia.com and have to select 100 pictures for the platform.

The version of the 20th January of the House Rules and Terms and Conditions should be used.

Other:

2nd March is the date for the final presentation.

8th February is the deadline for the feature-complete platform

30 min for the presentation, 30 min for discussion, afterwards personal interviews (max. 10 min each).

20th March is the deadline for the documentation.

3.4.2 Project Closure

After presenting the final version of CrowdEquality and submitting this documentation the project seminar was closed.

4 Conceptual Aspects

4.1 Permissions

The permissions are a key functionality of Drupal if more than one person uses the created platform. It allows different users to have different roles and therefore various permissions, access to varying regions of the platform and different functionalities. They are accessible under *CrowdEquality/admin/people/permissions*.

4.1.1 Roles

For each user type who must have other basic permissions, an own role can be created. Some roles were already existent on OpenIdeal. From those, useful for us were the administrator role, the anonymous user role and the authenticated user role. An anonymous user is one that is not logged in on the platform, an authenticated user is one of the logged in users. It is a superior role, which means that everything this role is permitted to do, each one of the other roles we created can do as well. Furthermore, we added one role for every university, the external users, a site manager and a role for consortium members. Additionally, we created another general role, the university, which is used for the additional universities module (see).

4.1.2 Permissions

Simply adding a role does not differentiate them, but only creates a frame for each user type. Only the changing of the permissions of different roles makes them different from each other.

The role of authenticated user is a superior role, which means that its permissions are inherited. Every user who is registered has at least the same permission as the authenticated user. As of the submission of the platform, the universities that have their own role on the platform are the University of Muenster, the University of Liechtenstein, the University of Minho, the University of Modena and Reggio Emilia, the University of Turku, Simon Kuznets Kharkiv National University of Economics, Ca' Foscari University of Venice and the Kaunas University of Technology. But there is also the possibility to add further university roles (see 5.10)

User Role	When is this role active?	Access to Permissions	& Restrictions
Administrator	When a user is responsible for the maintenance of the platform	Everywhere and everything	None
Anonymous User	Before a user is registered or logged in	Anonymized content on the platform	No information about the university the content belongs to or the authors is given
Authenticated User	A user is logged in	Anonymized content on the	No information about the university the content

		platform; access to the rankings	belongs to or the authors is given
External Type 1	A user is logged in (not assigned to a university)	Anonymized content on the platform with the opportunity to “like” or “rate” content; access to the rankings	No information about the university the content belongs to or the authors is given
External Type 2	A user is logged in (not assigned to a university) and has successfully asked for extended rights	Anonymized content on the platform the opportunity to “like” or “rate” content submit further content in the “external” area of a challenge or an idea; access to the rankings	No information about the university the content belongs to or the authors is given
Consortium Member	The user is a member of the EQUAL-IST Consortium and was manually assigned to this role	All submitted content on the platform, with the opportunity to filter for each university and add any type of content to every region of the platform; access to the statistics; access to the rankings	No administrator, only adds content
Site Manager	The user is responsible for the management of the platform/ one per university	Every region of the platform, including the feedback and the statistics; access to the rankings	Not allowed to access the backend
University (<i>valid for each of the universities that take part in the project/will be added in the future with the additional</i>)	The user belongs to a university	Access to the internal (of the own significant university) and external region (of every university)	No permission to see any internal region of the other universities, cannot administer anything, can only delete and/or edit own content, content of other universities is anonymised

<i>universities module)</i>			
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4.2 Terms and Conditions and House Rules

The terms and conditions were created using a generator (<http://termsandconditionstemplate.com/>) and then adjusted by us and the supervisors. The terms and conditions and the house rules are both inserted directly into a page (*/termsandconditions* and */houserules*) and can be designed using the WYSIWYG editor (see 5.33) on the page.

5 Modules

5.1 Ideal_Idea

This module implements the form for creating and editing ideas in the front-end of the site.

5.1.1 Information

Author: Openideal (<https://www.drupal.org/project/idea>)

Version: 7.x-2.8

Modified by: EQUAL-IST CrowdEquality development team

This module should not be updated anymore!

Path: *profiles/idea/modules/ideal_idea/*

5.1.2 Relating Ideas with Existing Ideas

This module is modified by EQUAL-IST CrowdEquality development team to allow users to relate their ideas with existing ideas (see *ideal_idea.module*, *idea-node-form.tpl.php*, *js/EQUAL-IST-idea-form.js* in 5.1.3 and Related Ideas block in 5.7.2.2).

Therefore, an additional field for the content type Idea need to be created at *admin/structure/types/manage/idea/fields* (not mentioned fields are optional):

Field	Value
Machine Name	field_related_ideas
Field Type	Entity reference
Widget	Check boxes/radio buttons
Required	disabled
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	Unlimited
Target Type	Content
Mode	Simple (with optional filter by bundle)
Target bundles	Select Idea

The section in the form shows two lists of all existing ideas (expanded by the buttons). The first is ordered by the belonging challenges, the second by idea tags. Selecting an idea on one list will automatically sync the other list. The relation can be described in the textfield below.








Relate your idea to an existing idea

Select related ideas from existing ideas by challenge or by tags

Challenge	Idea title
<input type="checkbox"/> How can we make students more aware of initiatives?	Rethinking the marketing strategy
<input type="checkbox"/> How can we make students more aware of initiatives?	Bigger presence in social networks
<input type="checkbox"/> How can we increase support for childcare?	Establish a "bring your child to work" day
<input type="checkbox"/> How can we increase support for childcare?	Childcare from students for students

Tag	Subtag	Idea title
<input type="checkbox"/> Organisational development	Initialisation	Bigger presence in social networks
<input type="checkbox"/> Work/life balance	Working conditions	Establish a "bring your child to work" day
<input type="checkbox"/>	Childcare	Childcare from students for students
<input type="checkbox"/>		Establish a "bring your child to work" day

Similarities with other Ideas

B *I* U ABC
 







Path: p

5.1.3 Structure

- ***ideal_idea.info***
 - Module info
- ***ideal_idea.module***
 - main php code
 - implements:
 - new_idea_open_popup block
 - alters Create/edit form for ideas, edited by EQUAL-IST
- ***idea-node-form.tpl.php***
 - Template file for Create/edit form for ideas, edited by EQUAL-IST.
 - Defines where to print the variables given by the template_preprocess_idea_node_form() hook in ideal_idea.module
 - Added block for relating idea with existing ideas
- ***css/ideal_idea.css***

- Styles for Create/edit form for ideas
- **img/...**
 - Images for Create/edit form
- **js/**
 - **ideal_idea.js**
 - Javascript for data/image browser in Create/edit form for ideas
 - **EQUAL-IST-idea-form.js**
 - Javascript that handles the related ideas and related challenges (see ideal_challenge Module) display block
 - Main function: Toggles Tableselect-block and Textfield. It also syncs selected values for both Tableselects in related ideas section in Create/edit form for ideas.
 - Written by EQUAL-IST

5.2 ideal_challenge

This module provides the form for creating and editing challenges. In OpenideaL this form is placed in the admin section. In the EQUAL-IST's CrowdEquality modification this form is available for users in the front-end.

5.2.1 Information

Author: OpenideaL (<https://www.drupal.org/project/idea>)

Version: 7.x-2.8

Modified by: EQUAL-IST CrowdEquality development team

This module should not be updated anymore!

Path: profiles/idea/modules/ideal_challenge/

5.2.2 Relating Challenges with Existing Challenges

This module is modified by EQUAL-IST CrowdEquality development team to allow users to relate their challenges with existing challenges (see *ideal_challenge.module*, *challenge-node-form.tpl.php*, *js/EQUAL-IST-idea-form.js* in 5.2.3 and 5.1.3 and Related Challenges block in 5.7.2.3).

Therefore, an additional field for the content type Challenge need to be created at *admin/structure/types/manage/challenge/fields* (not mentioned fields are optional):


Field	Value
Machine Name	field_related_challenges
Field Type	Entity reference
Widget	Check boxes/radio buttons
Required	disabled
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	Unlimited
Target Type	Content

Mode	Simple (with optional filter by bundle)
Target bundles	Select Challenge

The section in the form shows a list with all existing challenges (expanded by the button). The relation can be described in the textfield below.

Relate your challenge to an existing challenge

Select related challenges from existing challenges



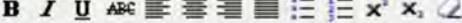
Challenge

☐

How can we make students more aware of initiatives?

Similarities with other challenges

B I U ABC



Path: p

5.2.3 Structure

- ***ideal_challenge.info***
 - Module info
- ***ideal_challenge.module***
 - main php code
 - implements Create/edit form for challenges, written by EQUAL-IST
- ***challenge-node-form.tpl.php***
 - Template file for Create/edit form for challenges, written by EQUAL-IST
 - Defines where to print the variables given by the `template_preprocess_challenge_node_form()` hook in `ideal_challenge.module`
 - Added display for relating challenge with existing challenges
- ***css/ideal_idea.css***
 - Styles for Create/edit form for challenges
- ***js/ideal_challenge.js***
 - Javascript for data/image browser in Create/edit form for challenges

5.3 ideal_blocks

This module provides blocks that show statistics for ideas and challenges.

5.3.1 Information

Author: Openideal (<https://www.drupal.org/project/idea>)

Version: 7.x-2.8

Modified by: EQUAL-IST CrowdEquality development team

This module should not be updated anymore!

Path: profiles/idea/modules/ideal_blocks/

5.3.2 Blocks

5.3.2.1 Challenge Statistics Block

This block calculates and displays several statistics about the ideas belonging to this challenge. In the first line, the number of ideas is shown. The next line shows summed up statistics of all ideas included in this challenge: number of people who have commented, number of likes and number of comments.



The block should be placed in the sidebar of challenge at *admin/structure/pages/edit/node_view*. The block can be found in *Miscellaneous -> Challenge Statistics Block*.

CSS Style

Function	HTML Tag	CSS Class
Container	div	ideal-challenge-stats
Label (Contribution)	div	ideal-challenge-stats-name
Idea's Number (3 ideas)	div	ideal-challenge-stats-ideas
Second Line Table	table	challenge-page
Second Line Cols	td	ideal-challenge-stats-icon-td
User Icon	div	ideal-challenge-stats-small-users-icon
Like Icon	div	ideal-challenge-stats-small-votes-icon
Comments Icon	div	ideal-challenge-stats-small-comments-icon
Values	div	challenge-stats-count

5.3.2.2 Idea Statistics Block

This block calculates and displays the views and comments of a node. It can be used for ideas AND challenges.



The block should be placed in the sidebar of challenge and idea at `admin/structure/pages/edit/node_view`. The block can be found in *Miscellaneous -> Idea Statistics Block*.

CSS Style

Function	HTML Tag	CSS Class
Container	div	ideal-challenge-stats
Second Line Table	table	idea-page
Second Line Cols	td	ideal-challenge-stats-icon-td
Views Icon	div	ideal-challenge-stats-views-icon
Comments Icon	div	ideal-challenge-stats-comments-icon
Values	div	ideal-stats-count

5.3.2.3 Key Statistics Block

This block shows key statistics of the platform like number of challenges, ideas, users and votes. This block is not currently used on CrowdEquality.

CSS Style

Function	HTML Tag	CSS Class(es)
Container	div	ideal-key-stats
Table	table	counts
Ideas Col	td	col, ideas
Label	div	name
Value	div	count
Values	div	ideal-stats-count

5.3.3 Structure

- ***ideal_blocks.info***
 - Module info

- ***ideal_blocks.module***
 - main php code

5.4 ideal_comments

5.4.1 Information

Author: Openideal (<https://www.drupal.org/project/idea>)

Version: 7.x-2.8

Modified by: EQUAL-IST CrowdEquality development team

This module should not be updated anymore!

Path: profiles/idea/modules/ideal_comments/

5.4.2 Functions

This module is for the comment form alteration and definition. For more information see Openideal documentation.

The template files are edited as described in 5.4.3. The colorization of the comments is depending on comment field *field_comment_tags_idea* or *field_comment_tags* which is added at *admin/structure/types/manage/<ContentType>/comment/fields*. Depending on the taxonomy ID of the comment field, the comment gets a CSS class which colorizes the comment. If the taxonomy IDs change, they have to be adjusted in *theme/comment.tpl.php*! The default setup is shown in the following table:

Comment Types	Taxonomy ID	CSS Class	Color
Agreement, praise	153	comment-agreement	green
Criticism and further suggestions for major revision and adjustment	155	comment-criticism	red
Extensions and further details and aspects to be considered	154	comment-extension	blue
Other	156	comment-other	yellow

5.4.3 Structure

- ***ideal_comments.info***
 - Module info
- ***ideal_comments.module***
 - main php code
- ***LICENSE.txt***
 - GNU license
- ***theme/***
 - ***ideal_comments.css***
 - CSS file for comments (only cursor manipulation)

- ***ideal_comments.js***
 - Nesting of comments (not used in CrowdEquality) and other functions, see OpenideaL documentation
- ***comment-wrapper.tpl.php***
 - Template file for the wrapper of all comments
 - Edited by EQUAL-IST to show in the title if comments are internal or external (depending on the view, see taxonomy_role_filter: switch view 5.5.2.2.1.6.1 and 5.5.3)
- ***comment.tpl.php***
 - Template file for a comment
 - Edited by EQUAL-IST to only print visible comments (depending on the view, see 5.5.3) and colorize comments depending on *field_comment_tags_idea* (see above)

5.5 taxonomy_role_filter

This is a custom made module that relates taxonomy terms with user roles. By that it manages the separation of university areas and university specific content in the EQUAL-IST CrowdEquality context.

5.5.1 Information

Author: Michael Raring, EQUAL-IST CrowdEquality development team

Path: sites/all/modules/taxonomy_role_filter/

Core: 7.x

Module dependencies: Panels (<https://www.drupal.org/project/panels>), user_module, additional_universities, OpenideaL modules

For Requirements see 0.

5.5.2 Functions

5.5.2.1 General Purpose: Relating Taxonomy Terms with Roles

This module is intended to relate taxonomy terms of nodes to roles of users. Those pairs are stored in variables by the drupal core functions `variable_set()` and `variable_get()`. The variables are defined as the following:

Machine Name of Variable	Value
taxonomy_role_filter_role	Array of all role names that are related to any taxonomy term (array of strings)
taxonomy_role_filter_<RoleName>	The taxonomy id of the taxonomy term related to <RoleName> (integer)

<RoleName> needs to be replaced by the actual role name in **taxonomy_role_filter_role**.

Note: The name of a role that should be related to any taxonomy term should not be “role” (see conflict with first variable).

In the EQUAL-IST CrowdEquality context it relates taxonomy terms of vocabulary “University” for challenges and ideas to the user roles of the specific university. Each user should only have one university role assigned (for more access use roles of site-manager, consortium member or administrator). The assignment to the specific role is done by the `user_module` module at registration. The creation of the taxonomy term and the user role, as well as setting up their relation (altering the specific variables, see above) is now outsourced to the `additional_universities` module. If this module is not activated, the specific code lines for the own backend of the `taxonomy_role_filter` need to be uncommented. Then the relations by altering the specific variables (see above) can be made in the backend at `admin/config/CrowdEquality/taxonomy_role_filter`.

5.5.2.2 Separation between Universities

EQUAL-IST CrowdEquality Context

In the EQUAL-IST CrowdEquality context users of universities contribute on the platform in order to discuss challenges and ideas. Therefore, these nodes are related to a university by a specific taxonomy term, the users are related to a university by a specific role. This module creates the relation between the taxonomy term and the appropriate role as explained in 5.5.2.1. It also handles the restrictions, which user is allowed to contribute to or see which content. The basic rules and where they are implemented are listed in the following table.

Action	Permissions	Implementation
Create Challenge	Only users with university role, or consortium members, site-manager or administrator.	Permission to access form in backend (see permissions, “Add Challenge” block). Automatically assign university to challenge depending on user’s university implemented in this module.
Add Idea to Challenge	Only users with SAME university role	Permission to access form in backend (see permissions). “Add Idea” Button implemented (with restrictions) in <code>equal_ist_phase</code> module (see 5.6.4.3)
Access Internal View (Challenge or Idea)	Only users with SAME university role or “Access internal View” permission	This module, Switch View block (see 5.5.2.2.1.6.1) and Panels’ page variants (see 5.5.2.2.1.5)
Comment (on External View)	Only logged-in users	Permission in backend and “Add Comment” block in backend
Vote or Like Content	Only logged-in users	Permission in backend (for liking) and in <code>admin/structure/rate</code> (for voting), see <code>equal_ist_phase</code> module in 5.6.2.3 and 5.6.3.4 .

Filter Content Lists (Challenge or Idea)	Only users with university role can filter lists for university specific content, users with “Access University Filter Switch” permission can filter content for every university	This module, Switch Filter block (see 5.5.2.2.1.6)
---	---	--

Requirements

5.5.2.2.1.1 Vocabulary University:

As stated in 5.5.2.1 the universities are stored in the University Vocabulary (by this module or by [the additional universities module](#)) and therefore the Vocabulary University with the machine name “university” needs to be created before (see *admin/structure/taxonomy/*).

5.5.2.2.1.2 Content Field field_university

To allow the separation of content by universities, the content needs to have an attribute that specifies the taxonomy term. In our case, the content types “Challenge” and “Idea” need to have the following attribute. It can be added in *admin/structure/types/manage/<ContentType>/fields*.

Field	Value
Machine Name	field_university
Field Type	Term reference
Widget	Select list
Default Value	- None -
Permissions	Custom Permission, only Administrator is allowed for every permission (optional for consortium member, etc.)
Number of Values	1
Vocabulary	University

5.5.2.2.1.3 Comment Field field_intern

In the EQUAL-IST CrowdEquality context comments of one content (either of type Challenge or Idea) can be internal or external. Herewith, internal means that the comment should only be displayed at the university’s internal view, external comments are displayed at the external view (see 5.5.2.2.1.6.1). Therefore, Comments of content types Challenge and Idea need to have an additional field to mark that comment. This field should look like the following and can be added in *admin/structure/types/manage/<ContentType>/comment/fields*.

Field	Value
Machine Name	field_intern
Field Type	BOOLEAN
Widget	Single on/off checkbox

Default Value	OFF (uncheck field)
Permissions	Custom Permission, only Administrator is allowed for every permission (optional for consortium member, etc.)
Number of Values	1

5.5.2.2.1.4 List Views Filter attribute

In order to enable the Switch Filter Block (see 5.5.2.2.1.65.5.2.2.1.6) to filter listed nodes by universities, it is necessary that this filter is added to the views. The views are specified in the `taxonomy_role_filter.module` and are by default:

Views Machine Name	Function
ideas_all	List of all ideas, see <i>ideas/</i>
challenges_list	List of all challenges, see <i>challenges/</i>
most_active_users	List of Top Users, see <i>rankings/</i>

In *ideas_all* and *challenges_list*, it is necessary that the filter criteria is added in *admin/structure/views/view/<ViewsMachineName>/edit/*:

Field	Value
For	All displays
Filter	Content: University
Widget	Autocomplete
Relationship	Do not use a relationship
Operator	Is one of <i>Leave autocomplete textfield empty</i>

In *most_active_users* the filter has to be set to the specific roles instead of the taxonomy terms.

Field	Value
For	All displays
Filter	User: Roles
Operator	Is one of <i>Select all university roles</i>

5.5.2.2.1.5 Node Page Variants for Switch View

In order to enable the Switch View Block (see 5.5.2.2.1.6.1) to switch between different views of a node, these different views need to be created as a variant of the node page. Therefore, the Panels module is necessary (see <https://www.drupal.org/project/panels> for more information). Creating these variants can be done in *admin/structure/pages* at page name "node_view" (edit). The variants of "Idea" and "Challenge" can be cloned and named such as "Idea intern" and "Challenge intern" and the content can be modified as needed. The Switch View Block should be placed on every variant (it can be found in *Miscellaneous -> Switch View*).

Last thing to do is to add the selection rule for every variant. For the internal variants (Idea internal, Challenge internal) select (in selection rule section) “PHP Code” and click *Add*. It can be named (Administrative desc) as liked. The PHP code should be:

```
if(taxonomy_role_filter_variants_criteria($contexts)){
    return TRUE;
} else{
    return FALSE;
}
```

For the external variants (Idea, Challenge) do the same, but enable the “Reverse (NOT)” criteria.

Blocks

5.5.2.2.1.6 Switch Filter

Machine Name: taxonomy_role_filter_filter



This block adds the ability to filter a view with listed nodes by a specific university. This is done by default for the following views:

Views	Machine Name	Function
	ideas_all	List of all ideas, see <i>ideas/</i>
	challenges_list	List of all challenges, see <i>challenges/</i>
	most_active_users	List of Top Users, see <i>rankings/</i>

In case of *ideas_all* and *challenges_list* it filters for the related taxonomy term of the node, in case of *most_active_users* it filters for the related role of the listed users (see 5.5.2.2.1.4).

Therefore, the Switch Filter block has to be added on the same page as the view. This can be done on the Panel Page, see *admin/structure/pages*. The pages for the three views have the name *page-ideas*, *page-challenges* and *page-top_users*. This block can be found while adding content to a variant of one of this pages at *Miscellaneous* -> *Switch Filter*. For more questions editing Panel Pages, see <https://www.drupal.org/project/panels> .

If the user has a specific university role, the filter block will automatically display the possibility to filter the view only for content (nodes or users) related to his specific university. He has not the possibility to filter by any other university.

If the user has the permission “*trf filter view*”, the filter block will list every university one below the other, so that he is able to filter the content for every university. This permission should only have certain users, by default they need the role of consortium members, site-manager or administrator. This permission is named “Access University Filter Switch” and can be set in *admin/people/permissions* at “Taxonomy Filter by User Role”.

If the user has neither a university role, nor the “trf filter view” permission, he will not have any possibility to filter the view’s content.

CSS Style

HTML *a* tag with classes defined in *sites/all/themes/sunrise/css/style.css*

CSS class	Function
taxonomy_role_filter_active	Filter is enabled
taxonomy_role_filter_deactive	Filter is disabled (default)

5.5.2.2.1.6.1 Switch View

Machine Name: taxonomy_role_filter_switch_view



This block adds the ability to switch between internal and external view of a node. The internal view, in context of the EQUAL-IST CrowdEquality platform, is used to add specific information of ideas or challenges, like author, that should only be visible to university members. In addition, it divides the comments of one node into internal and external comments which can only be created and seen at the specific view of the node.

Therefore, the node page needs two variants, which will be selected and switched by this block. How to set up these variants is explained in 5.5.2.2.1.4. This block should also be placed on every variant.

The block and the internal view can only be accessed if the current user has the university role related to the taxonomy term (relation explained in 5.5.2) or he has the permission “trf internal view”. This permission adds the ability to access every internal view and should only be given to administrative user roles. By default, this permission is given to consortium members, site-manager and administrator. The permission is named “Access internal View” and can be set in *admin/people/permissions* at “Taxonomy Filter by User Role”.

CSS Style

Note: classes divided by “,” mean that the tag has both classes (in this order)

CSS Class(es)	HTML Tag	Function
button-inverse, taxonomy_role_filter_tab_active	span	Button that switches to the other view
button-inverse-disabled, taxonomy_role_filter_tab_deactive	a	Displays current view (disabled button)

Restricting Access to User Profile

In the EQUAL-IST CrowdEquality context, the contribution of a user is displayed on his profile page. These contribution is listed in three different views:

View Machine Name	Function
user_ideas	Lists all ideas and challenges a user has created
my_commented_ideas	Lists all ideas and challenges a user has commented on
my_voted_ideas	Lists all ideas and challenges a user has voted for

The access to these three views is restricted by this module to users who are part of the same university (have the same university role) or have the “trf access userprofile nodes” permission. This permission allows to see every content on every user profile and should therefore be only assigned to administrative users. This permission is named “Access the nodes from User Profile” and can be set in *admin/people/permissions* at “Taxonomy Filter by User Role”. By default, this permission is given to consortium members, site-manager and administrator.

Anonymize Comments

In the EQUAL-IST CrowdEquality context, the comments should also be anonymized if the current user is not logged in. Instead of the profile picture and the name of the comment’s author this module displays a dummy picture (URI: *public://Entypo_d83d_512.png* in *sites/default/files/*) and the text “Anonymous (you are not logged in)”.

5.5.3 Structure

- taxonomy_role_filter.info
 - Module info
- taxonomy_role_filter.module
 - php code implementing the functions described in **Fehler! Verweisquelle konnte nicht gefunden werden.**
- /profiles/idea/modules/custom/ideal_comments/theme/comment-wrapper.tpl.php
 - Template file for Comment wrapper
 - Modified to display specific title of node view (internal or external comments)
- /profiles/idea/modules/custom/ideal_comments/theme/comment.tpl.php
 - Template file for displaying a comment
 - Modified to show only comments that should be on this node view (internal or external comments)
 - This is evaluated in taxonomy_role_filter.module (variable *visible*)

5.6 equal_ist_phases

Equal_ist_phases is a custom made module that expands the functionality of challenges of the OpenideaL distribution with phases. Those phases allow the user different actions, described in 5.6.2.

5.6.1 Information

Author: Michael Raring, EQUAL-IST CrowdEquality development team

Path: sites/all/modules/equal_ist_phases/

Core: 7.x

Module dependencies: Panels (<https://www.drupal.org/project/panels>), OpenideaL

modules, Rate (<https://www.drupal.org/project/rate>), Voting API

(<https://www.drupal.org/project/votingapi>), Vote Up/Down

(https://www.drupal.org/project/vote_up_down), Rules

(<https://www.drupal.org/project/rules>), Flag (<https://www.drupal.org/project/flag>), Goals

(<https://www.drupal.org/project/goals>)

Requirements: see 5.6.3

5.6.2 Phases

This module uses four phases one of which the challenge is assigned to. They are defined in the taxonomy term of “Challenge status” which needs to be created in advance (see 5.6.3.1).

5.6.2.1 Functions of the Phases

Note: The phase’s name is defined in the taxonomy term of the vocabulary “Challenge status” (see 5.6.3.1). They can be named freely, the functions described here will remain. But it is crucial that there are **four** phases defined.

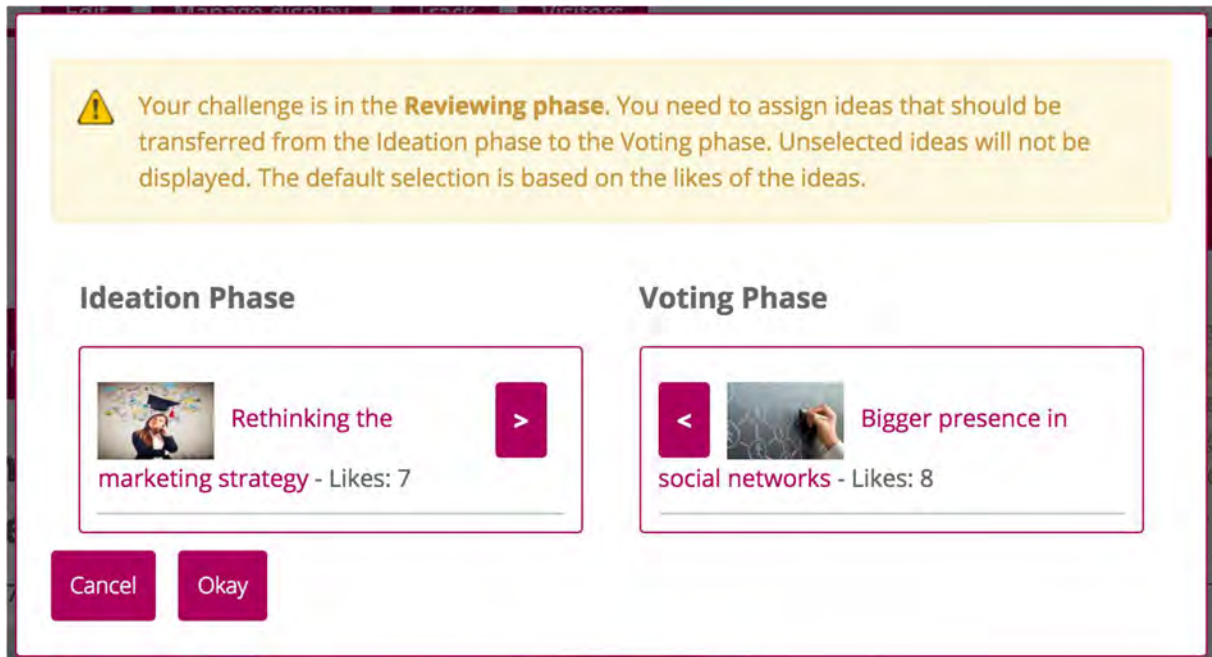
Taxonomy Name / Phase Name	Function	Time for Automatic Switch
Ideation	Users can add ideas to this challenge, like the challenge or belonging ideas, add comments to the challenge or belonging ideas.	Author defines date at challenge’s creation (default: +4 weeks from creation)
Reviewing	Users can only add comments to the challenge or belonging ideas and like the challenge. In this phase, the author needs to assign the ideas that make it into the next phase, the Voting phase. If he misses to do that in the timeframe, an algorithm (see 5.6.2.2) assigns the relevant ideas. The author (or anyone with permission) can alter this choice in the Voting phase by clicking on the Reviewing button in the Phase Block (see 5.6.4.1).	Administrator defines duration in backend of this module (default: +1 week from entering this phase)
Voting	User can now vote (thumbs-up and thumbs-down) the belonging ideas, like the challenge and add comments to the challenge or belonging ideas. The voting of the ideas is relevant for the final ranking in the closed phase.	Author defines date at challenge’s creation (default: +2 weeks from creation)

Closed	User can only add comments to the challenge or belonging ideas or like the challenge. The belonging ideas are made inactive, they cannot be found at <i>/ideas</i> (all_ideas view) anymore. They are marked as inactive in other listings (user profile). On the challenge's detailed page they are ranked (depending on votings) and the authors receive points or badges depending on this rank.
---------------	---

The Phases can be manually switched by the author or by a user with permission in the Phase Block (see 5.6.4.1). It also switches automatically after a specific time. The date of the start of the first and third phase (Ideation, Voting) are determined by the author at the creation of the challenge. The default duration can be set in the field with machine name "field_phase1_end" for Ideation phase and "field_phase2_end" for Voting phase at *admin/structure/types/manage/challenge/fields*. The limited duration of the second phase (Reviewing) is defined in the backend of this module at *admin/config/CrowdEquality/equal_ist_phases*. There are also some additional settings for the algorithm for reviewing ideas (see 5.6.2.2). The automatic switches are done by the cron of the drupal core. It compares only dates (not hours or minutes). Therefore, the switch does not happen precisely in time, but is dependent to the cron schedule. It can be defined at *admin/config/system/cron*. The default value is that cron runs every three hours, which means that it can take till 3 a.m. to switch the phase of the challenge on the day the time frame ran out.

5.6.2.2 Reviewing Ideas

The author of the challenge needs to review the ideas in the Reviewing phase. This means that he/she must decide which ideas of the challenge should be transferred into the next phase. Therefore, he/she gets informed via email when his/her challenge enters the Reviewing phase. This is configured in the Rules module at *admin/config/workflow/rules*. When he/she visits the challenge page he/she will be prompted to assign the ideas. Every idea on the left side will get marked as inactive by setting the field "field_active" of the idea to *off* (see 5.6.3.3.1). This will cause that this idea is no longer listed in *ideas/* (all_ideas view) and is marked as inactive in other listed node views and on the idea page itself.



The pre-set choice is done by an algorithm. This algorithm will also determine which ideas get into the Voting phase if the author misses to review the ideas in the predefined timeframe. The timeframe can be set in the backend of this module in *admin/config/CrowdEquality/equal_ist_phases*. The default value is one week. There, the admin can also define how many ideas should be transferred to the Voting phase at least. The default value is three. This amount is not crucial, if the author decides to choose less ideas, he/she will be warned, but he/she can continue.

The algorithm chooses on the base of the likes and the days the idea exists. It calculates the likes divided with the days (referred to as score). A percentage of this score of the best idea will be the lower bound for all ideas that will make it to the Voting phase. This percentage can be set as well in the backend of this module (see above). The default value is 0.2 which equals 20% of the best value as the lower bound.

Example:

Best idea has 10 likes in 10 days and therefore a score of $\frac{10}{10} = 1$. This will mean that every idea with a score of at least $1 * 0.2 = 0.2$ will make it into the Voting phase, e.g. an idea with 5 likes in 20 days and a score of 0.25.

5.6.2.3 Liking and Voting Content

As stated in 5.6.2.1 this module uses two methods for rating an idea. Thereby, liking means the possibility to give a challenge or idea a thumbs up. So, this type of rating only counts positive feedback. Challenges can be liked if they are not closed. Ideas can be liked until the related challenge is in Ideation phase. If the challenge moves to the Voting phase, the ideas can be voted at. This means that the users now can give thumbs up and thumbs down. Negative voting is possible. The voting is crucial for the ranking of the ideas at the end of the challenge (see 5.6.2.4).



Liking is implemented by the Vote Up/Down module (see 5.25), voting by the Rate module (see 5.24). The Voting API module (see 5.26) combines both modules, the liking with the Voting API tag “vote” and the voting with the Voting API tag “voting” (see 0).

5.6.2.4 Top 3 Ideas

The Voting (explained in 5.6.2.3) is the base of the overall ranking of the ideas at the end of the challenge. As soon as the challenge is closed (manually or automatically), the best ideas are calculated and rewarded. At least three ideas will be rewarded, but it can be more if some ideas are voted the same (see table). The ranked ideas will get a flag and with that the author receives userpoints or a goal (see 0 for setting up). The ranked ideas are shown on the challenge page when it is closed (see 5.6.4.5).

Rank	Condition	Flag Name	Machine	Rewards
1st idea(s)	Idea(s) with best value in voting. All ideas with the same (best) value will get this rank.	first_idea		Points: 50 + 70 (goal) Goal: Crowd Favourite (only first time)
2nd idea(s)	Idea(s) with second best value in voting. If the first rank contains 3 ideas or more, this rank will not be placed! All ideas with the same (second best) value will get this rank.	second_best_idea		Points: 25
3rd idea(s)	Idea(s) with third best value in voting. If the first or the second rank contains 2 ideas or more, this rank will not be placed! All ideas with the same (third best) value will get this rank.	third_best_idea		Points: 15

5.6.3 Requirements

5.6.3.1 Taxonomy Challenge Status

The taxonomies in the vocabulary “Challenge Status” define the four phases. Therefore, the vocabulary with machine name “challenge_status” must be created in *admin/structure/taxonomy*. This vocabulary must have four taxonomy terms. The order is crucial for the order of the phases (not the taxonomy IDs). The name of the terms can be chosen freely. The suggestions are shown in 5.6.2.1: Ideation, Reviewing, Voting, Closed.

5.6.3.2 Challenge Fields

The challenge's content type needs extra fields for the phases module. They can be added in *admin/structure/types/manage/challenge/fields*.

field_status

This field is needed to mark in what phase the challenge is.

Field	Value
Machine Name	field_university
Field Type	Term reference
Widget	Select list
Required Field	enabled
Default Value	Ideation (or first phase name)
Permissions	Custom Permission, only Administrator is allowed for every permission (optional for consortium member, etc.) except last permission, "View anyone's value" is allowed for everyone.
Number of Values	1
Vocabulary	Challenge status (see 5.6.3.1)

field_phase1_end, field_phase2_end

These fields are necessary to define the end of the Ideation (first phase, field_phase1_end) and the end of the Voting phase (third phase, called field_phase2_end because the Reviewing phase is considered as an interim stage). The author can set these values when creating or editing his/her challenge. In addition, the admin can edit these values. The dates need to be in the future (depending on phase the challenge is currently in). This validation is also done by this module.

Field	Value
Machine Name	field_phase1_end
Field Type	Date
Widget	Pop-up calendar
Required Field	enabled
Help Text	e.g: DD.MM.YYYY
Starting Year	-0 years from now
Default Date	Relative
Relative Default Value	+30 days
Default Value	Ideation (or first phase name)
Permissions	Public (author and administrators can edit, everyone can view)
Number of Values	1
Date Attributes to Collect	Year, month, day

Field	Value
-------	-------

Machine Name	field_phase2_end
Field Type	Date
Widget	Pop-up calendar
Required Field	enabled
Help Text	e.g: DD.MM.YYYY
Starting Year	-0 years from now
Default Date	Relative
Relative Default Value	+45 days
Default Value	Ideation (or first phase name)
Permissions	Public (author and administrators can edit, everyone can view)
Number of Values	1
Date Attributes to Collect	Year, month, day

field_phase_entry

This field is needed for switching automatically from Reviewing phase to Voting phase (see 5.6.2.1, 5.6.2.25.6.2.2). It records the date (as a timestamp) when the challenge enters the current phase (particularly in the Reviewing phase).

Field	Value
Machine Name	field_phase_entry
Field Type	Text
Widget	Text field
Required Field	disabled
Text Processing	Plain text
Permissions	Custom permissions: No one can do anything
Number of Values	1
Maximum Length	255

field_vote

This field is needed for liking and voting (see 5.6.2.3) content, like challenges, ideas or comments.

Field	Value
Machine Name	field_phase_entry
Field Type	Vote Up/Down
Widget	Vote Up/Down
Required Field	disabled
Vote Up/Down Widget	Alternate
Voting API tag	vote
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

5.6.3.3 Idea Fields

The content type idea needs some extra fields for the phases module. They can be added in *admin/structure/types/manage/idea/fields*.

field_active

This field indicates whether the idea is still active or not. Ideas become inactive (`field_active==0`) when they do not make it from the Ideation to the Voting phase (see 5.6.2.2) or the related challenge is closed. They are not listed in *ideas/* (all_ideas view) anymore and are marked as inactive elsewhere.

Field	Value
Machine Name	field_active
Field Type	Boolean
Widget	Single on/off checkbox
Required Field	Disabled
Default Value	Enabled (=1)
Permissions	Custom permissions: Only administrator can: Create own value, edit own value, edit anyone's value
Number of Values	1

field_vote

This field **needs to be the same field as for challenges in 0**. It will be altered for ideas by this module to overwrite it with the needed liking or voting mechanism (see 5.6.2.3).

5.6.3.4 Voting: Rate Widget

To allowing to vote in addition to liking an idea (see 5.6.2.3), setting up the Rate widget (which implements the voting) is necessary. This can be done at *admin/structure/rate*.

Field	Value
Widget Type	Number up / down
Machine Name	voting_up_down
Tag	voting
Node Types	Idea
Display Settings	Select everywhere: Do not add automatically
Interactions	Select in both questions which rating to display: Average rating; Answer if the second click should delete the vote with yes
Permissions	Do not select any role (everyone can vote) and allow author to vote for own content

The style of the rate widget is altered in the theme's CSS at *sites/all/themes/sunrise/css/style.css*.

5.6.3.5 Top 3 Ideas

For the ranking of ideas a view is needed to display the top 3 (see 5.6.4.5) as well as flags, rules and goals described in 5.6.2.4.

View: `top_3_ideas_of_challenge`

This view with machine name “`top_3_ideas_of_challenge`” basically lists all ideas in standard format and design. It is manipulated by this module to only list the best ideas in the right order as described in 5.6.2.4. It can be easily imported by pasting the following code at *admin/structure/views/import*.

```
$view = new view();
$view->name = 'top_3_ideas_of_challenge';
$view->description = '';
$view->tag = 'default';
$view->base_table = 'node';
$view->human_name = 'Top 3 Ideas of Challenge';
$view->core = 7;
$view->api_version = '3.0';
$view->disabled = FALSE; /* Edit this to true to make a default view disabled initially */

/* Display: Master */
$handler = $view->new_display('default', 'Master', 'default');
$handler->display->display_options['title'] = 'Top 3 Ideas of Challenge';
$handler->display->display_options['css_class'] = 'additional-ideas-123';
$handler->display->display_options['use_more_always'] = FALSE;
$handler->display->display_options['access']['type'] = 'perm';
$handler->display->display_options['cache']['type'] = 'none';
$handler->display->display_options['query']['type'] = 'views_query';
$handler->display->display_options['query']['options']['query_comment'] = FALSE;
$handler->display->display_options['exposed_form']['type'] = 'basic';
$handler->display->display_options['pager']['type'] = 'none';
$handler->display->display_options['pager']['options']['offset'] = '0';
$handler->display->display_options['style_plugin'] = 'default';
$handler->display->display_options['row_plugin'] = 'fields';
/* Relationship: Entity Reference: Referencing entity */
$handler->display->
> display_options['relationships']['reverse_field_challenge_ref_node']['id'] =
  'reverse_field_challenge_ref_node';
$handler->display->
> display_options['relationships']['reverse_field_challenge_ref_node']['table'] =
  'node';
$handler->display->
> display_options['relationships']['reverse_field_challenge_ref_node']['field'] =
  'reverse_field_challenge_ref_node';
$handler->display->
> display_options['relationships']['reverse_field_challenge_ref_node']['required'] =
  TRUE;
/* Relationship: Content: Author */
$handler->display->display_options['relationships']['uid']['id'] = 'uid';
$handler->display->display_options['relationships']['uid']['table'] = 'node';
$handler->display->display_options['relationships']['uid']['field'] = 'uid';
$handler->display->display_options['relationships']['uid']['relationship'] =
  'reverse_field_challenge_ref_node';
/* Field: Content: Idea image */
$handler->display->display_options['fields']['field_idea_image']['id'] =
  'field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['table'] =
  'field_data_field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['field'] =
  'field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['relationship'] =
  'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_idea_image']['label'] = '';
$handler->display->display_options['fields']['field_idea_image']['element_label_colon']
= FALSE;
$handler->display->display_options['fields']['field_idea_image']['hide_empty'] = TRUE;
$handler->display->display_options['fields']['field_idea_image']['empty_zero'] = TRUE;
```



```

$handler->display->display_options['fields']['field_idea_image']['click_sort_column'] =
'fid';
$handler->display->display_options['fields']['field_idea_image']['settings'] = array(
    'image_style' => 'primary_style',
    'image_link' => 'content',
);
$handler->display->display_options['fields']['field_idea_image']['delta_limit'] = '1';
$handler->display->display_options['fields']['field_idea_image']['delta_offset'] = '0';
/* Field: Content: Title */
$handler->display->display_options['fields']['title']['id'] = 'title';
$handler->display->display_options['fields']['title']['table'] = 'node';
$handler->display->display_options['fields']['title']['field'] = 'title';
$handler->display->display_options['fields']['title']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['title']['label'] = '';
$handler->display->display_options['fields']['title']['alter']['word_boundary'] =
FALSE;
$handler->display->display_options['fields']['title']['alter']['ellipsis'] = FALSE;
/* Field: Content: Body */
$handler->display->display_options['fields']['body']['id'] = 'body';
$handler->display->display_options['fields']['body']['table'] = 'field_data_body';
$handler->display->display_options['fields']['body']['field'] = 'body';
$handler->display->display_options['fields']['body']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['body']['label'] = '';
$handler->display->display_options['fields']['body']['element_label_colon'] = FALSE;
$handler->display->display_options['fields']['body']['type'] = 'text_trimmed';
$handler->display->display_options['fields']['body']['settings'] = array(
    'trim_length' => '600',
);
/* Field: Field: Vote */
$handler->display->display_options['fields']['field_vote']['id'] = 'field_vote';
$handler->display->display_options['fields']['field_vote']['table'] =
'field_data_field_vote';
$handler->display->display_options['fields']['field_vote']['field'] = 'field_vote';
$handler->display->display_options['fields']['field_vote']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_vote']['label'] = '';
$handler->display->display_options['fields']['field_vote']['element_label_colon'] =
FALSE;
$handler->display->display_options['fields']['field_vote']['click_sort_column'] =
'vud_widget';
/* Field: Content statistics: Total views */
$handler->display->display_options['fields']['totalcount']['id'] = 'totalcount';
$handler->display->display_options['fields']['totalcount']['table'] = 'node_counter';
$handler->display->display_options['fields']['totalcount']['field'] = 'totalcount';
$handler->display->display_options['fields']['totalcount']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['totalcount']['label'] = '';
$handler->display->display_options['fields']['totalcount']['element_label_colon'] =
FALSE;
/* Field: Content: Comment count */
$handler->display->display_options['fields']['comment_count']['id'] = 'comment_count';
$handler->display->display_options['fields']['comment_count']['table'] =
'node_comment_statistics';
$handler->display->display_options['fields']['comment_count']['field'] =
'comment_count';
$handler->display->display_options['fields']['comment_count']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['comment_count']['label'] = '';
$handler->display->display_options['fields']['comment_count']['element_label_colon'] =
FALSE;
/* Field: Content: active */
$handler->display->display_options['fields']['field_active']['id'] = 'field_active';
$handler->display->display_options['fields']['field_active']['table'] =
'field_data_field_active';
$handler->display->display_options['fields']['field_active']['field'] = 'field_active';
$handler->display->display_options['fields']['field_active']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_active']['label'] = '';
$handler->display->display_options['fields']['field_active']['exclude'] = TRUE;
$handler->display->display_options['fields']['field_active']['element_label_colon'] =
FALSE;
/* Contextual filter: Content: Nid */
$handler->display->display_options['arguments']['nid']['id'] = 'nid';
$handler->display->display_options['arguments']['nid']['table'] = 'node';
$handler->display->display_options['arguments']['nid']['field'] = 'nid';
$handler->display->display_options['arguments']['nid']['default_action'] = 'default';

```

```

$handler->display->display_options['arguments']['nid']['default_argument_type']      =
'node';
$handler->display->display_options['arguments']['nid']['summary']['number_of_records']
= '0';
$handler->display->display_options['arguments']['nid']['summary']['format']          =
'default_summary';
$handler->display->
>display_options['arguments']['nid']['summary_options']['items_per_page'] = '25';
/* Filter criterion: Content: Published */
$handler->display->display_options['filters']['status']['id'] = 'status';
$handler->display->display_options['filters']['status']['table'] = 'node';
$handler->display->display_options['filters']['status']['field'] = 'status';
$handler->display->display_options['filters']['status']['relationship']      =
'reverse_field_challenge_ref_node';
$handler->display->display_options['filters']['status']['value'] = '1';
$handler->display->display_options['filters']['status']['group'] = 1;
$handler->display->display_options['filters']['status']['expose']['operator'] = FALSE;

/* Display: Block */
$handler = $view->new_display('block', 'Block', 'block');
$handler->display->display_options['block_description'] = 'Top 3 Ideas of Challenge';

```

Note: For the display of the view, a template file in the current theme folder is needed. This template file is *sites/all/themes/sunrise/views-view-fields--top-3-ideas-of-challenge.tpl.php* (see 5.6.5).

Flags, Rules and Goal

This section explains how to set up the configuration described in 5.6.2.4.

5.6.3.5.1.1 Setup Flags

Add flags for best, second best and third best idea. This can be done at *admin/structure/flags*. The fields are optional except for the following.

Field	Value
Machine Name	first_idea
Flag Access	Do not select any
Bundles	Idea
Display Options	Do not select any

Field	Value
Machine Name	second_best_idea
Flag Access	Do not select any
Bundles	Idea
Display Options	Do not select any

Field	Value
Machine Name	third_best_idea
Flag Access	Do not select any
Bundles	Idea
Display Options	Do not select any

5.6.3.5.1.2 Setup Goal

Add a goal to reward the author of the best idea (see Goals module). This can be done at *admin/config/goals/main*.

5.6.3.5.1.3 Setup Rules

Add three rules for transferring points and goals to the authors of the top 3 ideas. This can be done at *admin/config/workflow/rules*.

Field	Value
Event	A node has been flagged, under “First Idea” / “Second Best Idea” / “Third Best Idea”
Conditions	None
Actions	<p>“Grant points to a user”, User: Data selector: <i>flagged-node:author</i>, Value:15/25/50, Points Category: <i>General</i>, Entity: Data selector: <i>flagged-node:author</i>, Operation: Value: <i>Insert</i>, Moderate: Value: <i>Use the site default</i></p> <p>If the user should be rewarded with a goal: “Record a task for Goals”, Task to record: Value: <i>task type of the goal (machine name)</i>, Record for user: Value: <i>[flagged-node:author]</i></p>

Challenge’s List of Active and Inactive Ideas

To display the ideas belonging to a challenge two views are needed. They are used in the “Show the belonging Ideas on Challenge Page” block (see 5.6.4.4). The first view (machine name: *ideas_belonging_to_challenge*) lists the ideas which are still active, the second view (machine name: *ideas_belonging_to_challenge_not_active*) lists the ideas which are inactive. The ideas become inactive when they are not transferred in the Reviewing phase. Both views should be placed on the challenge page (at *admin/structure/pages/edit/node_view*). They can be easily imported at *admin/structure/views* with the following codes.

ideas_belonging_to_challenge

```

$view = new view();
$view->name = 'ideas_belonging_to_challenge';
$view->description = '';
$view->tag = 'default';
$view->base_table = 'node';
$view->human_name = 'Ideas belonging to challenge';
$view->core = 7;
$view->api_version = '3.0';
$view->disabled = FALSE; /* Edit this to true to make a default view disabled initially */

/* Display: Master */
$handler = $view->new_display('default', 'Master', 'default');
$handler->display->display_options['title'] = 'Ideas belonging to the Challenge';
$handler->display->display_options['css_class'] = 'additional-ideas-123';
$handler->display->display_options['use_more_always'] = FALSE;
$handler->display->display_options['access']['type'] = 'perm';

```

```

$handler->display->display_options['cache']['type'] = 'none';
$handler->display->display_options['query']['type'] = 'views_query';
$handler->display->display_options['query']['options']['query_comment'] = FALSE;
$handler->display->display_options['exposed_form']['type'] = 'basic';
$handler->display->display_options['pager']['type'] = 'none';
$handler->display->display_options['style_plugin'] = 'default';
$handler->display->display_options['row_plugin'] = 'fields';
/* Relationship: Entity Reference: Referencing entity */
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['id'] =
'reverse_field_challenge_ref_node';
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['table'] =
'node';
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['field'] =
'reverse_field_challenge_ref_node';
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['required'] =
TRUE;
/* Relationship: Content: Author */
$handler->display->display_options['relationships']['uid']['id'] = 'uid';
$handler->display->display_options['relationships']['uid']['table'] = 'node';
$handler->display->display_options['relationships']['uid']['field'] = 'uid';
$handler->display->display_options['relationships']['uid']['relationship'] =
'reverse_field_challenge_ref_node';
/* Field: Content: Idea image */
$handler->display->display_options['fields']['field_idea_image']['id'] =
'field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['table'] =
'field_data_field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['field'] =
'field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_idea_image']['label'] = '';
$handler->display->display_options['fields']['field_idea_image']['element_label_colon']
= FALSE;
$handler->display->display_options['fields']['field_idea_image']['hide_empty'] = TRUE;
$handler->display->display_options['fields']['field_idea_image']['empty_zero'] = TRUE;
$handler->display->display_options['fields']['field_idea_image']['click_sort_column'] =
'fid';
$handler->display->display_options['fields']['field_idea_image']['settings'] = array(
  'image_style' => 'primary_style',
  'image_link' => 'content',
);
$handler->display->display_options['fields']['field_idea_image']['delta_limit'] = '1';
$handler->display->display_options['fields']['field_idea_image']['delta_offset'] = '0';
/* Field: Content: Title */
$handler->display->display_options['fields']['title']['id'] = 'title';
$handler->display->display_options['fields']['title']['table'] = 'node';
$handler->display->display_options['fields']['title']['field'] = 'title';
$handler->display->display_options['fields']['title']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['title']['label'] = '';
$handler->display->display_options['fields']['title']['alter']['word_boundary'] =
FALSE;
$handler->display->display_options['fields']['title']['alter']['ellipsis'] = FALSE;
/* Field: Content: Body */
$handler->display->display_options['fields']['body']['id'] = 'body';
$handler->display->display_options['fields']['body']['table'] = 'field_data_body';
$handler->display->display_options['fields']['body']['field'] = 'body';
$handler->display->display_options['fields']['body']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['body']['label'] = '';
$handler->display->display_options['fields']['body']['element_label_colon'] = FALSE;
$handler->display->display_options['fields']['body']['type'] = 'text_trimmed';
$handler->display->display_options['fields']['body']['settings'] = array(
  'trim_length' => '600',
);
/* Field: Field: Vote */
$handler->display->display_options['fields']['field_vote']['id'] = 'field_vote';
$handler->display->display_options['fields']['field_vote']['table'] =
'field_data_field_vote';
$handler->display->display_options['fields']['field_vote']['field'] = 'field_vote';
$handler->display->display_options['fields']['field_vote']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_vote']['label'] = '';

```

```

$handler->display->display_options['fields']['field_vote']['element_label_colon'] =
FALSE;
$handler->display->display_options['fields']['field_vote']['click_sort_column'] =
'vud_widget';
/* Field: Content statistics: Total views */
$handler->display->display_options['fields']['totalcount']['id'] = 'totalcount';
$handler->display->display_options['fields']['totalcount']['table'] = 'node_counter';
$handler->display->display_options['fields']['totalcount']['field'] = 'totalcount';
$handler->display->display_options['fields']['totalcount']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['totalcount']['label'] = '';
$handler->display->display_options['fields']['totalcount']['element_label_colon'] =
FALSE;
/* Field: Content: Comment count */
$handler->display->display_options['fields']['comment_count']['id'] = 'comment_count';
$handler->display->display_options['fields']['comment_count']['table'] =
'node_comment_statistics';
$handler->display->display_options['fields']['comment_count']['field'] =
'comment_count';
$handler->display->display_options['fields']['comment_count']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['comment_count']['label'] = '';
$handler->display->display_options['fields']['comment_count']['element_label_colon'] =
FALSE;
/* Field: Content: active */
$handler->display->display_options['fields']['field_active']['id'] = 'field_active';
$handler->display->display_options['fields']['field_active']['table'] =
'field_data_field_active';
$handler->display->display_options['fields']['field_active']['field'] = 'field_active';
$handler->display->display_options['fields']['field_active']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_active']['label'] = '';
$handler->display->display_options['fields']['field_active']['exclude'] = TRUE;
$handler->display->display_options['fields']['field_active']['element_label_colon'] =
FALSE;
/* Sort criterion: Content: Post date */
$handler->display->display_options['sorts']['created']['id'] = 'created';
$handler->display->display_options['sorts']['created']['table'] = 'node';
$handler->display->display_options['sorts']['created']['field'] = 'created';
$handler->display->display_options['sorts']['created']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['sorts']['created']['order'] = 'DESC';
/* Contextual filter: Content: Nid */
$handler->display->display_options['arguments']['nid']['id'] = 'nid';
$handler->display->display_options['arguments']['nid']['table'] = 'node';
$handler->display->display_options['arguments']['nid']['field'] = 'nid';
$handler->display->display_options['arguments']['nid']['default_action'] = 'default';
$handler->display->display_options['arguments']['nid']['default_argument_type'] =
'node';
$handler->display->display_options['arguments']['nid']['summary']['number_of_records']
= '0';
$handler->display->display_options['arguments']['nid']['summary']['format'] =
'default_summary';
$handler->display->
>display_options['arguments']['nid']['summary_options']['items_per_page'] = '25';
/* Filter criterion: Content: Published */
$handler->display->display_options['filters']['status']['id'] = 'status';
$handler->display->display_options['filters']['status']['table'] = 'node';
$handler->display->display_options['filters']['status']['field'] = 'status';
$handler->display->display_options['filters']['status']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['filters']['status']['value'] = '1';
$handler->display->display_options['filters']['status']['group'] = 1;
$handler->display->display_options['filters']['status']['expose']['operator'] = FALSE;
/* Filter criterion: Content: active (field_active) */
$handler->display->display_options['filters']['field_active_value']['id'] =
'field_active_value';
$handler->display->display_options['filters']['field_active_value']['table'] =
'field_data_field_active';
$handler->display->display_options['filters']['field_active_value']['field'] =
'field_active_value';
$handler->display->display_options['filters']['field_active_value']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['filters']['field_active_value']['value'] = array(
1 => '1',
);

```

```

$handler->display-
>display_options['filters']['field_active_value']['expose']['operator_id'] =
'field_active_value_op';
$handler->display->display_options['filters']['field_active_value']['expose']['label']
= 'active (field_active)';
$handler->display-
>display_options['filters']['field_active_value']['expose']['operator'] =
'field_active_value_op';
$handler->display-
>display_options['filters']['field_active_value']['expose']['identifier'] =
'field_active_value';
$handler->display->display_options['filters']['field_active_value']['is_grouped'] =
TRUE;
$handler->display-
>display_options['filters']['field_active_value']['group_info']['label'] = 'Active: ';
$handler->display-
>display_options['filters']['field_active_value']['group_info']['identifier'] =
'field_active_value';
$handler->display-
>display_options['filters']['field_active_value']['group_info']['optional'] = FALSE;
$handler->display-
>display_options['filters']['field_active_value']['group_info']['default_group'] = '2';
$handler->display-
>display_options['filters']['field_active_value']['group_info']['group_items'] = array(
    1 => array(
        'title' => 'Active Ideas',
        'operator' => 'or',
        'value' => array(
            1 => '1',
        ),
    ),
    2 => array(
        'title' => 'Ideas that did not make it into this Phase',
        'operator' => 'or',
        'value' => array(
            0 => '0',
        ),
    ),
);

/* Display: Block */
$handler = $view->new_display('block', 'Block', 'block');
$handler->display->display_options['block_description'] = 'Ideas belonging to
challenge';

```

ideas_belonging_to_challenge_not_active

```

$view = new view();
$view->name = 'ideas_belonging_to_challenge_not_active';
$view->description = '';
$view->tag = 'default';
$view->base_table = 'node';
$view->human_name = 'Ideas belonging to challenge that did not make it';
$view->core = 7;
$view->api_version = '3.0';
$view->disabled = FALSE; /* Edit this to true to make a default view disabled initially
*/

/* Display: Master */
$handler = $view->new_display('default', 'Master', 'default');
$handler->display->display_options['title'] = 'Ideas belonging to the Challenge that
did not make it';
$handler->display->display_options['css_class'] = 'additional-ideas-123';
$handler->display->display_options['use_more_always'] = FALSE;
$handler->display->display_options['access']['type'] = 'perm';
$handler->display->display_options['cache']['type'] = 'none';
$handler->display->display_options['query']['type'] = 'views_query';
$handler->display->display_options['query']['options']['query_comment'] = FALSE;
$handler->display->display_options['exposed_form']['type'] = 'basic';
$handler->display->display_options['pager']['type'] = 'none';
$handler->display->display_options['style_plugin'] = 'default';
$handler->display->display_options['row_plugin'] = 'fields';
/* Relationship: Entity Reference: Referencing entity */

```

```

$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['id'] =
'reverse_field_challenge_ref_node';
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['table'] =
'node';
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['field'] =
'reverse_field_challenge_ref_node';
$handler->display-
>display_options['relationships']['reverse_field_challenge_ref_node']['required'] =
TRUE;
/* Relationship: Content: Author */
$handler->display->display_options['relationships']['uid']['id'] = 'uid';
$handler->display->display_options['relationships']['uid']['table'] = 'node';
$handler->display->display_options['relationships']['uid']['field'] = 'uid';
$handler->display->display_options['relationships']['uid']['relationship'] =
'reverse_field_challenge_ref_node';
/* Field: Content: Idea image */
$handler->display->display_options['fields']['field_idea_image']['id'] =
'field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['table'] =
'field_data_field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['field'] =
'field_idea_image';
$handler->display->display_options['fields']['field_idea_image']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_idea_image']['label'] = '';
$handler->display->display_options['fields']['field_idea_image']['element_label_colon']
= FALSE;
$handler->display->display_options['fields']['field_idea_image']['hide_empty'] = TRUE;
$handler->display->display_options['fields']['field_idea_image']['empty_zero'] = TRUE;
$handler->display->display_options['fields']['field_idea_image']['click_sort_column'] =
'fid';
$handler->display->display_options['fields']['field_idea_image']['settings'] = array(
'image_style' => 'primary_style',
'image_link' => 'content',
);
$handler->display->display_options['fields']['field_idea_image']['delta_limit'] = '1';
$handler->display->display_options['fields']['field_idea_image']['delta_offset'] = '0';
/* Field: Content: Title */
$handler->display->display_options['fields']['title']['id'] = 'title';
$handler->display->display_options['fields']['title']['table'] = 'node';
$handler->display->display_options['fields']['title']['field'] = 'title';
$handler->display->display_options['fields']['title']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['title']['label'] = '';
$handler->display->display_options['fields']['title']['alter']['word_boundary'] =
FALSE;
$handler->display->display_options['fields']['title']['alter']['ellipsis'] = FALSE;
/* Field: Content: Body */
$handler->display->display_options['fields']['body']['id'] = 'body';
$handler->display->display_options['fields']['body']['table'] = 'field_data_body';
$handler->display->display_options['fields']['body']['field'] = 'body';
$handler->display->display_options['fields']['body']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['body']['label'] = '';
$handler->display->display_options['fields']['body']['element_label_colon'] = FALSE;
$handler->display->display_options['fields']['body']['type'] = 'text_trimmed';
$handler->display->display_options['fields']['body']['settings'] = array(
'trim_length' => '600',
);
/* Field: Content statistics: Total views */
$handler->display->display_options['fields']['totalcount']['id'] = 'totalcount';
$handler->display->display_options['fields']['totalcount']['table'] = 'node_counter';
$handler->display->display_options['fields']['totalcount']['field'] = 'totalcount';
$handler->display->display_options['fields']['totalcount']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['totalcount']['label'] = '';
$handler->display->display_options['fields']['totalcount']['element_label_colon'] =
FALSE;
/* Field: Content: Comment count */
$handler->display->display_options['fields']['comment_count']['id'] = 'comment_count';
$handler->display->display_options['fields']['comment_count']['table'] =
'node_comment_statistics';
$handler->display->display_options['fields']['comment_count']['field'] =
'comment_count';

```



```

$handler->display->display_options['fields']['comment_count']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['comment_count']['label'] = '';
$handler->display->display_options['fields']['comment_count']['element_label_colon'] =
FALSE;
/* Field: Content: active */
$handler->display->display_options['fields']['field_active']['id'] = 'field_active';
$handler->display->display_options['fields']['field_active']['table'] =
'field_data_field_active';
$handler->display->display_options['fields']['field_active']['field'] = 'field_active';
$handler->display->display_options['fields']['field_active']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['fields']['field_active']['label'] = '';
$handler->display->display_options['fields']['field_active']['exclude'] = TRUE;
$handler->display->display_options['fields']['field_active']['element_label_colon'] =
FALSE;
/* Sort criterion: Content: Post date */
$handler->display->display_options['sorts']['created']['id'] = 'created';
$handler->display->display_options['sorts']['created']['table'] = 'node';
$handler->display->display_options['sorts']['created']['field'] = 'created';
$handler->display->display_options['sorts']['created']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['sorts']['created']['order'] = 'DESC';
/* Contextual filter: Content: Nid */
$handler->display->display_options['arguments']['nid']['id'] = 'nid';
$handler->display->display_options['arguments']['nid']['table'] = 'node';
$handler->display->display_options['arguments']['nid']['field'] = 'nid';
$handler->display->display_options['arguments']['nid']['default_action'] = 'default';
$handler->display->display_options['arguments']['nid']['default_argument_type'] =
'node';
$handler->display->display_options['arguments']['nid']['summary']['number_of_records']
= '0';
$handler->display->display_options['arguments']['nid']['summary']['format'] =
'default_summary';
$handler->display->
>display_options['arguments']['nid']['summary_options']['items_per_page'] = '25';
/* Filter criterion: Content: Published */
$handler->display->display_options['filters']['status']['id'] = 'status';
$handler->display->display_options['filters']['status']['table'] = 'node';
$handler->display->display_options['filters']['status']['field'] = 'status';
$handler->display->display_options['filters']['status']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['filters']['status']['value'] = '1';
$handler->display->display_options['filters']['status']['group'] = 1;
$handler->display->display_options['filters']['status']['expose']['operator'] = FALSE;
/* Filter criterion: Content: active (field_active) */
$handler->display->display_options['filters']['field_active_value']['id'] =
'field_active_value';
$handler->display->display_options['filters']['field_active_value']['table'] =
'field_data_field_active';
$handler->display->display_options['filters']['field_active_value']['field'] =
'field_active_value';
$handler->display->display_options['filters']['field_active_value']['relationship'] =
'reverse_field_challenge_ref_node';
$handler->display->display_options['filters']['field_active_value']['value'] = array(
0 => '0',
);
$handler->display->
>display_options['filters']['field_active_value']['expose']['operator_id'] =
'field_active_value_op';
$handler->display->display_options['filters']['field_active_value']['expose']['label']
= 'active (field_active)';
$handler->display->
>display_options['filters']['field_active_value']['expose']['operator'] =
'field_active_value_op';
$handler->display->
>display_options['filters']['field_active_value']['expose']['identifier'] =
'field_active_value';
$handler->display->display_options['filters']['field_active_value']['is_grouped'] =
TRUE;
$handler->display->
>display_options['filters']['field_active_value']['group_info']['label'] = 'Active: ';
$handler->display->
>display_options['filters']['field_active_value']['group_info']['identifier'] =
'field_active_value';
$handler->display->
>display_options['filters']['field_active_value']['group_info']['optional'] = FALSE;

```

```
$handler->display-
>display_options['filters']['field_active_value']['group_info']['default_group'] = '2';
$handler->display-
>display_options['filters']['field_active_value']['group_info']['group_items'] = array(
  1 => array(
    'title' => 'Active Ideas',
    'operator' => 'or',
    'value' => array(
      1 => '1',
    ),
  ),
  2 => array(
    'title' => 'Ideas that did not make it into this Phase',
    'operator' => 'or',
    'value' => array(
      0 => '0',
    ),
  ),
);

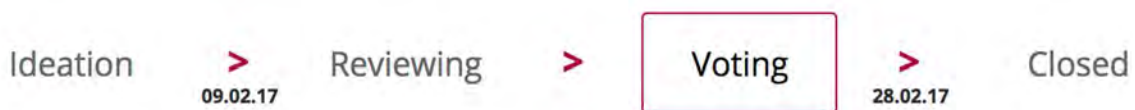
/* Display: Block */
$handler = $view->new_display('block', 'Block', 'block');
$handler->display->display_options['block_description'] = 'Ideas belonging to challenge
that did not make it';
```

5.6.4 Phases

5.6.4.1 Phase Block

This block displays the phases' top bar, displays dialogs for manually switching phases or reviewing ideas by the author (see 5.6.2.2) and performs the related tasks of switching phases or making ideas inactive. Therefore, the block should be placed on the challenge's page on every variant at `admin/structure/pages/edit/node_view`. The block can be found at *Miscellaneous -> Phase Block (EQUAL-IST, Idea)*.

The phases' top bar can be accessed by every visitor. It displays all four phases defined in 5.6.3.1, marks the current phase and shows the end of the phases (see 0) defined by the author below the arrows.



If the author of the challenge visits the challenge's page, he/she can also manually switch the phases by clicking on the buttons. This can also be done by a user with the permission "Switch Phase of any Challenge" which can be found below "Equal_Ist_Phases" module at `admin/people/permissions`. By default, consortium members, site-manager and administrator have this ability.



The phases can only be switched manually to the next phase (not backwards!). The only exception is the possibility to go back from the Voting to the Reviewing phase. With that

exception, the author (or user with permission) has the possibility to reactivate ideas he did not select or the algorithm did not select. The reviewing process, it's dialog and the algorithm are explained in 5.6.2.2. Administrators can also switch the phases manually by editing the challenge.

For the use of the dialogs the Javascript *js/EQUAL-IST-phase.js* is crucial (see 5.6.5).

CSS Style

Note: classes divided by “,” means that the tag has both classes (in this order)

Dialogs:

CSS Class(es)	HTML Tag	Function
dialog	div	Dialog class
btn-success, dialog-abort	a	Cancel button on dialog
btn-success, dialog-okay	a	Confirm button on dialog
gray-background	div	Gray layer over background for dialogs
switch-phase, dialog	div	Switch phase dialog , user must confirm
select-ideas, dialog	div	Reviewing dialog , user should select ideas for next phase
select-ideas-left	div	Box for ideas in Ideation phase
select-ideas-right	div	Box for ideas in Voting phase
select-ideas-left-wrapper	div	Wrapper Box (contains the title)
select-ideas-right-wrapper	div	Wrapper Box (contains the title)
idea-row	div	Box containing the idea element
idea-switch	div	Switch symbol (> or <)
idea-content	div	Box containing the image and link to the idea

Phases' top bar:

CSS Class(es)	HTML Tag	Function
equal_ist_blocks_phase	div	Box containing phases bar
equal_ist_blocks_phase_active	li	List element containing the current phase
equal_ist_blocks_phase_deactive	li	List element containing a not current phase
btn-success, phase-link	a	Button to switch phase
btn-success, select-ideas-link	a	Button to switch phase to Voting phase
equal_ist_blocks_phase_spacer	li	List element containing the spacer symbol (>)
equal_ist_blocks_phase_spacer_below	span	Text below spacer for end dates
line	li	Clearfix line (this way, the whole ul-tag gets dynamically sized to full width)

5.6.4.2 Voting Block for Voting Phase

This block replaces the standard voting block on the idea's page. Therefore, it must be added to the sidebar on every idea variant at `admin/structure/pages/edit/node_view`. The block can be found in *Miscellaneous -> Voting Block for Voting Phase (EQUAL-IST, Idea)*.

The block replaces the standard liking widget with the voting widget or locks both rating possibilities if necessary. The differences between these ratings is explained in 5.6.2.3 and when which rating is used is defined in 5.6.2.1. This block also informs the users in a box above the widget.

5.6.4.3 Add Idea block for Challenge Page

This block implements a button for adding ideas on the challenge's page. Therefore, it must be added to the sidebar on every challenge variant at `admin/structure/pages/edit/node_view`. The block can be found in *Miscellaneous -> Add Idea block for Challenge Page (EQUAL-IST, Challenge)*.

The block disables the button if the user has no permission to add an idea. This is the case if the user is not logged in or is not part of the same university (see `taxonomy_role_filter` module, 0). It also disables the button depending on the phase. When this is done is stated in 5.6.2.1. This block also informs the user about the current characteristics in a box above the button.

CSS Style

Note: classes divided by “,” mean that the tag has both classes (in this order)

CSS Class(es)	HTML Tag	Function
challenge-add-idea-button	div	Add Idea button box
btn, btn-success, btn-margin-fix	a	Actual Add Idea button (link)
challenge-add-idea-button, btn-inactive	div	Inactive Add Idea button box

5.6.4.4 Show the Belonging Ideas on Challenge Page

This block displays two buttons, one to show and hide ideas that belong to the challenge and one to show and hide ideas that did not make it into the Voting phase (set inactive in Reviewing phase, see 5.6.2.2). Therefore, this block needs to be placed on the challenge's page at `admin/structure/pages/edit/node_view` as well as both views from 0. The block can be found in *Miscellaneous -> Show the belonging Ideas on Challenge Page (EQUAL-IST, Challenge)*. In addition, the views' CSS classes need to be set to `display:none` (see below). The Javascript `js/EQUAL-IST-belonging-ideas.js` (see 5.6.5) will perform the toggle.

The “Ideas belonging to this Challenge” Button is visible in all phases except the Close phase. The “Ideas that did not make it to this Phase” Button is only visible in the Voting phase.

CSS Style

Views (see 0):

View (Machine Name)	HTML Tag	CSS Class	Required attribute
ideas_belonging_to_challenge_not_active	div	view-ideas-belonging-to-challenge	display: none;
ideas_belonging_to_challenge	div	view-ideas-belonging-to-challenge-not-active	display: none;

Buttons:

Button (Caption)	HTML Tag	CSS Class	CSS ID
Ideas belonging to this Challenge	a	btn-success	show-additional-ideas
Ideas that did not make it to this Phase	a	btn-success	show-additional-ideas-not-active

5.6.4.5 Show the Top 3 Ideas of a Closed Challenge on Challenge Page

This block embeds the view *top_3_ideas_of_challenge* (see 0), manipulates it as described in 5.6.2.4 and shows it when the challenge is closed (last phase).

Therefore, this block needs to be placed on the challenge’s page at *admin/structure/pages/edit/node_view*. The block can be found in *Miscellaneous -> Show the Top 3 Ideas of a closed Challenge on Challenge Page (EQUAL-IST, Challenge)*.

In addition, *views-view-fields--top-3-ideas-of-challenge.tpl.php* needs to be placed in the theme’s directory to define the display of the view (see 5.6.5). This template file places the image of the trophy above the idea’s image related to the rank (stored in *\$row->rank*)



Additional places in kindergarten and at camps

As the proposed benefits are so demanded, the IT Department can try to offer additional places in kindergarten and at camps during the school breaks specifically for the children of employees working at the IT Department. I.e. extend the intervention to the department level.



743



2

Votes: 3



Establish a "bring your child to work" day

Every employee should have the chance to bring his or her child to work once a week. This way, the university ensures to show its employees that children are welcome.



130



2

Votes: 1



Childcare from students for students

Students offer other students to take care of their children for free. This would strengthen the community and create a great spirit amongst young parents.



12



1

Votes: 0

CSS Style

CSS Class	HTML Tag	Function
top3-idea-badget	div	Box that contains an image with the trophy symbol

5.6.5 Structure

- ***equal_ist_phases.info***
 - Module info
- ***equal_ist_phases.module***
 - php code
- ***js/***
 - ***EQUAL-IST-phase.js***
 - Javascript that implements the dialogs of Phase block (see 5.6.4.1). All dialogs (div-tags) get shown and hidden here.
 - The Reviewing dialog (see 5.6.2.2) is also implemented. Therefore, this script receives the node IDs of the predefined ideas from *equal_ist_phases.module* by the ID of the dialog's div-container and sends the user's choice node IDs back to *equal_ist_phases.module* via URL.
 - ***EQUAL-IST-belonging-ideas.js***
 - Javascript that toggles the views in Belonging Ideas block (see 5.6.4.4)
- ***/sites/all/themes/sunrise/views-view-fields--top-3-ideas-of-challenge.tpl.php***
 - Template file for the top 3 ideas view (see 5.6.4.5)
 - Adds the trophy images to idea element

5.7 equal_ist_blocks

This module adds blocks for the Challenge page, the Idea page and the navigation bar.

5.7.1 Information

Author: Michael Raring, EQUAL-IST CrowdEquality development team

Path: sites/all/modules/equal_ist_blocks/

Core: 7.x

Module dependencies: OpenideaL modules

5.7.2 Blocks

5.7.2.1 Author Block

This block displays the author of a node as a link to his profile page and his profile picture. If the profile picture is not set, the block uses the default user picture (can be defined at *admin/config/people/accounts*).

It should be placed in the sidebar of a challenge or idea in the internal variant at *admin/structure/pages/edit/node_view*. The block can be found in *Miscellaneous -> Author Block (EQUAL-IST, Idea)*.

By:



Franzi Graffe

CSS Style

CSS Class	HTML Tag	Function
equal_ist_blocks_author	div	Box that contains the profile image and author name (link includes image and name)
equal_ist_blocks_author_pic	div	Box that contains the profile image
equal_ist_blocks_author_name	div	Box that contains the author name

5.7.2.2 Related Ideas Block

This block displays the related ideas of an idea as links. They can be defined by the author in the form (see 5.1.2). The explanation of the relation can be viewed by clicking the button therefore `/js/EQUAL-IST-blocks.js`.

It should be placed in the sidebar of an idea at `admin/structure/pages/edit/node_view`. The block can be found in *Miscellaneous* -> *Related Ideas Block (EQUAL-IST, Idea)*.

Related ideas

- Bigger presence in social networks
- Childcare from students for students

Explanation

Similar approach.

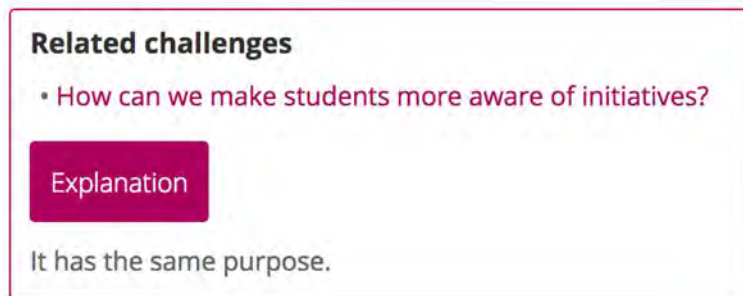
CSS Style

Function	HTML Tag	CSS Class	CSS ID
Container	div	pane-node-field-related-ideas	
Explanation button	a	btn-success	related-idea-explanation-link
Explanation container	div		related-idea-explanation

5.7.2.3 Related Challenges Block

This block displays the related challenges of a challenge as links. They can be defined by the author in the form (see 5.2.2). The explanation of the relation can be viewed by clicking the button.

It should be placed in the sidebar of challenge at *admin/structure/pages/edit/node_view*. The block can be found in *Miscellaneous -> Related Challenges Block (EQUAL-IST, Challenge)*.



CSS Style

Function	HTML Tag	CSS Class	CSS ID
Container	div	pane-node-field-related-ideas	
Explanation button	a	btn-success	related-idea-explanation-link
Explanation container	div		related-idea-explanation

5.7.2.4 Target Groups Block

This block displays the target groups of a challenge. They can be set up as a hierarchical taxonomy at *admin/structure/taxonomy*. The challenge needs an additional field so that the author can define the target groups when creating a challenge. This field can be created at *admin/structure/types/manage/challenge/fields* with the following settings:

Field	Value
Machine Name	field_categories_subcategories
Field Type	Term reference
Widget	Simple hierarchical select
Simple Hierarchical Select Setting	Enable <i>Force selection of deepest level</i>
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	Unlimited
Vocabulary	<VocabularyOfTargetGroup>

The block should be placed in the sidebar of challenge at *admin/structure/pages/edit/node_view*. The block can be found in *Miscellaneous -> Target Groups Block (EQUAL-IST, Challenge)*.

Target groups

IS research design and delivery > Postdoctoral Researchers,
Teaching and student services > Students (Bachelor and Masters)

CSS Style

Function	HTML Tag	CSS Class
Container	div	pane-node-field-categories-subcategories
Parent Item	div	parent-taxonomy-term
Child Item	div	child-taxonomy-term

5.7.2.5 Idea Tags Block

This block displays the tags of an idea. They can be set up as a hierarchical taxonomy at *admin/structure/taxonomy*. The idea needs an additional field so that the author can define the idea tags when creating an idea. This field can be created at *admin/structure/types/manage/idea/fields* with the following setting.

Field	Value
Machine Name	field_tags_for_related_challenge
Field Type	Term reference
Widget	Simple hierarchical select
Simple Hierarchical Select Setting	Enable <i>Force selection of deepest level</i>
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	Unlimited
Vocabulary	<VocabularyOfIdeaTags>

The block should be placed in the sidebar of an idea at *admin/structure/pages/edit/node_view*. The block can be found in *Miscellaneous -> Idea Tags Block (EQUAL-IST, Idea)*.

Idea Tags

Work/life balance > Study conditions,
Work/life balance > Childcare

CSS Style

Function	HTML Tag	CSS Class
Container	div	pane-node-field-categories-subcategories
Parent Item	div	parent-taxonomy-term
Child Item	div	child-taxonomy-term

5.7.2.6 Icon Block

This block displays the CrowdEquality Icon in the navigation bar as a link to the front page. The icon is stored in `<CurrentThemeFolder>/images/EQUAL-IST-icon.png`. The block should be added in the header at `admin/structure/mini-panels` and can be found in *Miscellaneous -> Icon Block (EQUAL-IST, Header, Navbar)*.

CSS Style

Function	HTML Tag	CSS ID
Icon	img	logo_nav

5.7.3 Structure

- ***equal_ist_blocks.info***
 - Module info
- ***equal_ist_blocks.module***
 - php code
- ***js/EQUAL-IST-blocks.js***
 - Javascript that toggles the explanation when clicking the Explanation-button (in 5.7.2.2, 5.7.2.3)

5.8 equal_ist_user_menu

This module implements the expandable user menu and search bar in the navigation bar.



5.8.1 Information

Author: Michael Raring, EQUAL-IST CrowdEquality development team
Path: `sites/all/modules/equal_ist_blocks/`
Core: 7.x

5.8.2 Blocks

5.8.2.1 User Menu

This block displays the user's profile picture. If the profile picture is not set, the block uses the default user picture (can be defined at *admin/config/people/accounts*).

By clicking on the picture, the user menu expands in the navigation bar.

Therefore, this block and the Drupal's standard user menu must be placed in the header at *admin/structure/mini-panels*. The block can be found in *Miscellaneous -> User Menu (EQUAL-IST)*.

In addition, the CSS class *equal-user-menu-icon* must be added to the block at *CSS properties*. The same must be done for the standard user menu with the CSS class *equal-user-menu-block*. After this setup, the javascript *js/equal-user-menu-expand.js* can expand the user menu.

5.8.2.2 Search Icon

This block displays the search icon. It is stored at *<CurrentThemeFolder>/images/local/search-icon.png*.

By clicking on the picture, the search bar expands in the navigation bar.

Therefore, this block and the Drupal's standard search bar need to be placed in the header at *admin/structure/mini-panels*. The block can be found in *Miscellaneous -> Search Icon (EQUAL-IST)*.

In addition, the CSS class *equal-search-icon* needs to be added to the block at *CSS properties*. The same needs to be done for the standard search bar with the CSS class *equal-search-block*. After this setup, the javascript *js/equal-user-menu-expand.js* can expand the search bar.

5.8.3 Structure

- ***equal_ist_user_menu.info***
 - Module info
- ***equal_ist_user_menu.module***
 - php code
- ***js/equal-user-menu-expand.js***
 - Javascript that expands the search icon and user menu (see 5.8.2.1 and 5.8.2.2 for setup)

5.9 user_module

This module implements all the necessary fields and adjustments for the registration form, user profile and edit form.

5.9.1 Information

Author: Marwin Dekker, Marvin Elders, EQUAL-IST CrowdEquality development team
 Path: sites/all/modules/user_module/
 Based on: Register Pre-approved (https://www.drupal.org/project/register_preapproved)
 Core: 7.x

5.9.2 Fields registration form and user profile/user edit form

The information about the fields of the registration form can be displayed in admin/config/people/accounts/fields.

5.9.2.1 First name and last name

This field is needed to fulfil the registration form and fill in the first and last name.

Field	Value
Machine Name	field_name
Field Type	Text
Widget	Text field
Required Field	Enabled
Display in	Registration form
Text processing	Plain text
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1
Maximum length	100

5.9.2.2 User name and password

This field is required for the use of the goals module and more modules.

5.9.2.3 Gender

This required select list is a necessary field with three options.

Field	Value
Machine Name	field_selectgender
Field Type	List (text)
Widget	Select list
Required Field	Enabled
Display in	Registration form
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1
Possible select options	Male/Female/Other

5.9.2.4 Other

This text field is required to complete the task of the before mentioned gender field.

Field	Value
Machine Name	field_gendertextfield
Field Type	Text
Widget	Text field
Required Field	Disabled
Display in	Registration form
Help text	CrowdEquality believes gender isn't binary. How would you like to be counted?
Text processing	Plain text
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1
Maximum length	100

5.9.2.5 Age

This optional select list is there to enter the age span.

Field	Value
Machine Name	field_age
Field Type	List (text)
Widget	Select list
Required Field	Disabled
Display in	Registration form
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1
Possible select options	Below 18/18-34/35-47/48-66/67+

5.9.2.6 Occupation

This hierarchical select is needed to fill in the occupation of the user.

Field	Value
Machine Name	field_occupation
Field Type	Term reference
Widget	Simple hierarchical select
Required field	Enabled
Display in	Registration form
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)

Number of Values	1
Vocabulary	<Occupation tags>

Vocabulary Occupation tags

The before mentioned vocabulary for the occupation field.

First level	Second level
-None-	
Academic staff member	(Junior) Professor
	Postdoctoral researcher
	Lecturer or tutor (a teacher, but not a researcher)
	Doctoral researcher (PhD candidate)
	Other, please indicate
Gender Expert	
Non-academic staff member	
Student	Bachelor
	Master
	Other, please indicate
Other, please indicate	

5.9.2.7 Please indicate!

Help field to fulfil the function of the occupation field.

Field	Value
Machine Name	field_freertext
Field Type	Long text
Widget	Text area (multiple rows)
Required field	Disabled
Display in	Registration form
Default Value	- None -
Text processing	Plain text
Rows	2
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

5.9.2.8 Country of residence

A select list of all countries of the EU.

Field	Value
Machine Name	field_country
Field Type	Text
Widget	Select (or other) list
Required field	Disabled

Display in	Registration form
Default Value	Select a value
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1
Maximum length	100
Other option	Other
Other field title	Other
Other value as default value	Add the values to the other text field
Other field size	60
Available Options	Austria Belgium Bulgaria Croatia Cyprus Czech Republic Denmark Estonia Finland France Germany Greece Hungary Ireland Italy Latvia Lithuania Luxembourg Malta The Netherlands Poland Portugal Romania Slovakia Slovenia Spain Sweden United Kingdom

5.9.2.9 Content notifications

Check box to activate the notification system, users choose they want to be notified when their challenge or idea gets a comment or their challenge gets a new idea.

Field	Value
Machine Name	field_content_notifications
Field Type	Boolean

Widget	Single on/off checkbox
Required field	Disabled
Display in	Registration form
Default Value	0
Further description	Use field label instead of the “On value” as label
On value	1
Off value	0
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

5.9.2.10 E-Mail Address

This field and the confirmation field are required to complete the registration process. By completing the process, the system will send the user an automatically generated mail with a link and instructions about the subsequent process.

5.9.3 Java Scripts

In this section the java scripts of the registration page, user profile and user edit form will be explained. All Java Scripts are using the predefined Drupal behaviour function (<https://www.drupal.org/docs/7/api/javascript-api/managing-javascript-in-drupal-7>) for elements that will be executed after loading the page. This function guarantees the right performance of the scripts on every page.

5.9.3.1 ComplementOccupationUserProfile

This Java Script completes the occupation hierarchical select functionality with the help of vocabulary occupation tags and the “Please indicate!” text area. Furthermore, it uses a boolean checkbox called `help_occupation` by using this it fulfils the task of the please indicate option at the second level. This script is integrated by a block called “*addingjsk*”.

5.9.3.2 hideOtherField

This javascript code hides the text field (see 5.9.2.4) for the alternative gender (see 5.9.2.3). Only if the option “Other” is selected, the field will show up.

In addition, it hides the additional info at the top of the registration form and adds the possibility to make it visible on click on predefined links in the text and under the E-Mail Address field (see 5.9.2.10). Moreover it’s adding the functionality to the occupation field (see 5.9.2.6) with the text field “Please indicate!” (see 5.9.2.7).

5.9.3.3 hideOtherSelection

This script hides the label Other from the gender (see 5.9.2.3) information of the user profile, if the alternative gender is selected. This script is integrated in the block “*addingsjk*” (see 5.9.5.1).

5.9.3.4 hideProfileOtherField

The hideProfileOtherField script hides the *gender>other* text field on the user edit form if the alternative gender is not selected. In addition, if “Other, please indicate” is not selected in the hierarchical select of the occupation field, it hides the “Please indicate” text area. Moreover, it stashes the help_occupation field.

5.9.3.5 hideUserEditWysiwigOccupation

This java script hides unnecessary html tags in the user profile of the bio and occupation field.

5.9.3.6 mailparser

This script reads the domain from the indicated e-mail and displays the belonging university in the description text of the text field.

It checks the relevant domain by parsing it through the data base of the user module. If it finds a matching domain, it returns "You are about to register as a member of the ‘university name’”. If it does not find a matching domain, it returns “You are about to register as an external user. If you are a member of a university, which is participating in the EQUAL-IST project, please use your university email address".

5.9.3.7 showMessageArea

This script helps to solve problems with the message area of the feedback button on every page of the platform by showing it.

5.9.4 Further amendments of the user_module

A detailed description of the module itself will follow here.

The description text of the registration page on the top is written in the user module in html formatted by CSS. By clicking on the links the user will get descriptions of the partners of the project with names and e-mail domains.

After that there are headings defined for regions of the registration form like “Notifications” for the Content notification checkbox, described above. Furthermore, there are a Captcha check-up and a description at the bottom of the page, where the user will be informed about the further registration process. In addition, there are a few description and label changing functions for fields, which cannot be edited in the backend. Moreover, in the *hook_form_alter* the arrays for the matching role system to parse the e-mail address, will be asked for the registration form and the user edit form. The user pre-saved hook matches the domains with the filled in domains by the user. If an administrator fills in a new partner of the project with the university name and the domain for the university, the parsing of the e-mail address will work as before, because reading out the domains happens by loading the registration form. As described in the permission hook of the module only administrators are permitted to “Manage registration e-mail patterns” and “choose registration roles”. A hook info and hook menu for the module is defined.

5.9.5 Blocks

All the blocks on the user profile and the registration form are described here.

5.9.5.1 Addingjsk

This block is only to include java script to the user profile it has not any other tasks only to add the java scripts to the user profile form, because the three java scripts mentioned above, do not need to be performed on every page. After installing the module, it is necessary to add the block to the user profile page.

5.9.6 Structure

- User_module.info
 - Module info
- User_module.module
 - php code
- ComplementOccupationUserProfile.js
- hideOtherField.js
- hideOtherSelection.js
- hideProfileOtherField.js
- hideUserEditWysiwigOccupation.js
- mailparser.js
- showMessageArea.js
- user_module.install
 - install file of the module for creating the necessary table in the database

5.10 Additional universities

Custom made module that enables the administrator to add or delete a new university to the platform. It will automatically generate all necessary database entries.

5.10.1 Information

Author: Lion Marwin Dekker, EQUAL-IST CrowdEquality development team

Path: sites/all/modules/additional_universities

Core: 7.x

Module dependencies: taxonomy_role_filter, user_module, statistics_module

Requirements: see 5.10.4

5.10.2 Fields

5.10.2.1 Name of the university

Field	Value
Machine Name	name
Field Type	Text
Widget	Textfield
Required Field	Enabled
Display in	additional_universities_add_form
Text processing	Plain text
Description	Please fill in the full name of the university you want to add to the platform.
Default Value	-None-
Permissions	Private (Only administrator can edit and view)
Number of Values	1
Maximum length	60

5.10.2.2 Main e-mail domain

Field	Value
Machine Name	domain
Field Type	Text
Widget	Textfield
Required Field	Enabled
Display in	additional_universities_add_form
Text processing	Plain text
Description	Please fill in the main e-mail domain of the university you want to add to the platform.
Default Value	-None-
Permissions	Private (Only administrator can edit and view)
Number of Values	1
Maximum length	60

5.10.2.3 University to be deleted

Field	Value
Machine Name	existing_universities
Field Type	List (text)
Widget	Select list
Required Field	Enabled
Display in	additional_universities_delete_form
Default Value	The name of the first university in the list
Permissions	Private (Only administrator can edit and view)
Number of Values	1

Possible select options	The names of all participating universities
--------------------------------	---

5.10.2.4 Security query

This checkbox is necessary in order to exclude the possibility of an unintentional university deletion.

Field	Value
Machine Name	select
Field Type	Boolean
Widget	Single on/off checkbox
Required field	Enabled
Display in	Additional_universities_delete_form
Default Value	0
Title	I am sure that I want to delete the selected university!
On value	1
Off value	0
Permissions	Private (Only administrator can edit and view)
Number of Values	1

5.10.3 Functions

5.10.3.1 Add a university

This part of the module is intended to enable the administrator to add a university to the platform. Two information's are required for this process: the name of the university and its main e-mail domain.

After inserting the necessary information above the module will execute following steps:

Creating a new role

Through a database query the name of the university is inserted into the table "role". Therefore, a new user role is created which can be used and assigned.

Creating permissions

The module will load the default permissions (the permissions for the "University" role) and apply them to the new university by combining its role-id with the permission and module names in the database table "role_permission".

Creating taxonomy

The module will create a new stdClass-object with the name and the vocabulary id of the university and save it using the function taxonomy_term_save (https://api.drupal.org/api/drupal/modules!taxonomy!taxonomy.module/function/taxonomy_term_save/7.x).

Creating entries for the user module

First the module will check if the user module is activated. If it is, a new entry in the table “user_module” will be created, including the name of the university and its main e-mail domain. This entry is necessary in order to automatically recognize the members of this new university during the registration process. For further information about the user module see 5.9.

Creating entries for the taxonomy-role-filter module

First the module will check if the taxonomy-role-filter module is activated. If it is, the module will add the name of the university to the variable “taxonomy_role_filter_role” and create a new variable (“taxonomy_role_filter_universityname”) with the related taxonomy id. For further information about the two variables see 5.5.2.1.

Creating entries for the statistics module

First the module will check if the statistics module is activated. If it is, the module will create every combination of the university name, the content types, the specific aspects (node, comments, internal_comments, external_comments, likes) and occupation types that are necessary for the proper use of the statistics module. They will all be inserted into the table “statisticexport”. For further information about the statistics module see 5.11.

5.10.3.2 Delete a university

This part of the module is intended to enable the administrator to delete a university to the platform. One information is required for this process: the name of the university that should be deleted. After selecting the university and confirming the security query the module will execute the following steps:

Changing the roles of the university members

The assigned role of every user of this university will be changed to the one of an external user by a simple adjustment in the table “users_roles” in the database.

Changing the visibility of the nodes the university

The module will select the ids of every node of the university and adjusts the visibility by changing the status of every node in the table “node”. After this step, all challenges and ideas of the deleted university will only be visible for the administrator.

Deleting the taxonomy

The module will delete the taxonomy of the university by selecting the taxonomy id and using the function taxonomy_term_delete

(https://api.drupal.org/api/drupal/modules!taxonomy!taxonomy.module/function/taxonomy_term_delete/7.x).

Deleting the permissions

The module will delete all permissions in the table “role_permission” with the university id.

Deleting the entries for the user module

First the module will check if the user module is activated. If it is, it will delete all entries related to the university id in the table “user_module”. For further information about the user module see **Fehler! Verweisquelle konnte nicht gefunden werden..**

Deleting the entries for the taxonomy-role-filter module

First the module will check if the taxonomy_role_filter module is activated. If it is, the module will delete the related entry in the variable “taxonomy_role_filter_role” and the variable “taxonomy_role_filter_universityname”. For further information about the variables see 5.5.2.

Deleting the entries for the statistics module

First the module will check if the statistics module is activated. If it is, every entry in the table “statisticexport” with the matching university name will be deleted.

Deleting the role

In the end of the deletion process, the module will delete the role of the university in the table “role”.

5.10.4 Requirements

5.10.4.1 Default role (“University”)

After installing the additional universities module there will be a new user role available named “University”. This role is not meant for assign it to any users, because it acts as a form for the roles of new universities. Every new university will get the permissions assigned to the default role. Therefore, it is necessary to assign all relevant permissions to the default role before any new universities are added through the additional universities module.

5.10.5 Structure

- additional_universities.info
 - Module info
- additional_universities.install
 - Install file of the module for creating the default role
- additional_universities.module

- The general structure of the module
- additional_universities.admin.inc
 - The actual functionality

5.11 Statistics module

This module collects and displays data about the platform and its users in order to enable the viewer to gain insights about the use of the platform.

5.11.1 Information

Author: Marvin Elders, Lion Marwin Dekker, EQUAL-IST CrowdEquality development team

Path: sites/all/modules/statistics_module/

Core: 7.x

Requirements: see 5.11.5

5.11.2 Fields

5.11.2.1 Select box with universities

Field	Value
Required Field	Disabled
Display in	statistics_module_uni (block)
Default Value	-None-
Number of Values	1
Possible select options	General Information, the names of all participating universities, no university

5.11.2.2 Select box with occupations

Field	Value
Required Field	Disabled
Display in	statistics_module_uni (block)
Default Value	-None-
Number of Values	1
Possible select options	Academic staff member – (Junior) Professor Academic staff member – Postdoctoral Researcher Academic staff member – Lecturer or tutor Academic staff member – Doctoral researcher (PhD candidate) Academic staff member – Other Gender Expert Non-academic staff member Student – Bachelor Student – Master Student – Other

5.11.3 Function

5.11.3.1 Collecting and displaying valuable data

The module collects data about every university and every occupation of the platform. Gathered information's are the number of registered users, the amount of nodes, sorted by type (challenge or idea) and the related amount of comments (overall, internal or external) and likes. This data will then be displayed for every university, for every occupation and every combination between them in a table design, as you can see below:

University of Münster

Registered Users	16				
Nodes	Number of nodes	Total comments	Internal comments	External comments	Total likes
Challenges	2	5	3	2	26
Ideas	4	7	6	1	22

University of Münster <> Student - Bachelor

Registered Users	13				
Nodes	Number of nodes	Total comments	Internal comments	External comments	Total likes
Challenges	2	1	1	0	26
Ideas	4	2	2	0	22

One important aspect about the statistics module is that the gathered data will only be saved in the database for the csv export. Every time the page is loaded, the module will collect the data again in order to show the most actual status of the platform.

5.11.3.2 Export of the data as a csv file

[Click here for downloading the CSV-file](#)

The module offers an additional opportunity to access the data about the platform. By clicking the button displayed on the page, the user is able to download all gathered data as a csv file and to use it for further analysis.

5.11.4 Javascript

In this section the java script of the statistics page will be explained. The java script is using the pre-defined Drupal behaviour function

(<https://www.drupal.org/docs/7/api/javascript-api/managing-javascript-in-drupal-7>) for elements that will be executed after loading the page. This function guarantees the right performance of the script on every page.

5.11.4.1 Hide_tables.js

The statistics module displays every created table on the page. Therefore, it is important to show only the table which is really needed to the user, otherwise the page would be too crowded. This task is fulfilled by the `hide_tables.js`. It is activated every time the user chooses a new value in one of the select boxes. It will then show the relevant table and hide the others.

5.11.5 Requirements

5.11.5.1 Create Page

The module needs an own page in order to work properly. This will not be created automatically, therefore it has to be done manually. The name of the page is not relevant for the module (on the CrowdEquality platform it is “page-statistics”).

5.11.5.2 Create Block

The module creates a block with the machine name “statistics_module_uni” and the list name “Block for the statistics of the various universities”. This block will contain every table and field of the module. In order to use the statistics module it has to be added to the created page manually over the panel configuration.

5.11.6 CSS Styles

The following CSS styles can be found in the `style.css` file under the following path: `\sites\all\themes\sunrise\css`.

CSS	Function
.selectbox-universities, #selectbox-universities	Sets the width of the select box for universities.
.selectbox-occupation, #selectbox-occupation	Sets the width of the select box for occupations.
.statistics-platform, th	Centres the header and shapes its border.
.statistics-platform, tr	Shapes the border of every row.
.statistics-platform, td	Shapes the border of every data cell.

5.11.7 Structure

- statistics_module.module

- The whole functionality as described in 5.11.3
- statistics_module.info
 - General module information
- statistics_module.install
 - The installation file in order to create the database table “statisticexport” for the csv export
- hide_tables.js
 - The java script, which hides all unnecessary tables.

5.12 Realname

5.12.1 Information

Author: Drupal (<https://www.drupal.org/project/realname>)

Path: sites/all/modules/realname

Description: Replaces the username with the real name of the user.

Core: 7.x

5.12.2 Description

The RealName module enables the administrator to choose several fields of the user profile to create a “real name” element and attach it to a user object. By doing this, it’s possible to replace the username of every user on the platform with the first name and the surname.

5.12.3 Settings

The settings of the real name module are accessible under this path: admin/config/people/realname.

5.12.3.1 Realname pattern

Field	Value
Realname pattern	[user:field-name]

5.13 Feedback

5.13.1 Information

Author: Drupal (<https://www.drupal.org/project/feedback>)

Path: sites/all/modules/feedback/

Description: Allows site and visitors and users to report issues about the site.

Core: 7.x

5.13.2 Description

This module allows users to send mails to the administrator on every page of the platform. The administrator and the moderator are permitted to read this messages and can then react to them accordingly.

5.13.3 Additions

Our project team complete the functionality of the feedback button by the java script: showmessagearea (see 5.9.3.7).

Further we designed the button by using CSS.

Function	HTML Tag	CSS Class
Button		feedback-button
Hover		feedback-link:Hover
Feedback Form	div	form.feedback-form; form-item; form-textarea-wrapper
Mce Editor	Span	Span.mceEditor

5.14 Rules

This module allows site administrators to define conditionally executed actions with custom conditions based on occurring events. The module was already installed in the OpenIdeal Version

5.14.1 Information

Author: Drupal (<https://www.drupal.org/project/rules>)

Core: 7.x-2.9

Path: profiles/idea/modules/contrib/rules/

5.14.2 Set up Rules for the Comment Notification

Add a rule for sending an e-mail to the content (challenge or idea) author, when this content gets a comment.

Field	Value
Event	After saving a new comment of type Challenge comment/After saving a new comment of type Idea comment
Conditions	None
Actions	"Send mail", To: Value: comment:node:author:mail, Subject: Value: CrowdEquality: Your content gets a comment, Message: Value: Dear [comment:node:author],

Your content gets a comment. You may now have a look again by clicking this link or copying and pasting it to your browser:

[comment:url]

Your CrowdEquality team

Please don't reply to this automated email.

From: Value: equalist@gmail.com

5.15 Pathauto

This module automatically generates URL/path aliases for different kinds of content without requiring the user to manually specify it. For example it can create the path alias /ideas/additional-places-in-kindergarten-and-at-camps instead of /node/70. The aliases are based upon a "pattern" system that uses tokens which the administrator can change.

5.15.1 Information

Author: Drupal (<https://www.drupal.org/project/pathauto>)

Core: 7.x-1.3

Path: modules/pathauto

5.15.2 Permissions

Administrator can administer pathauto and together with site manger gets notify of path changes.

5.15.3 Pattern

FAQ category page settings

Pattern	Token
Default path pattern	faq-page/[term:tid]

Content paths

Pattern	Token
Default path pattern	content/[node:title]
Pattern for all Article paths	[node:title]
Pattern for all Basic page paths	[node:title]
Pattern for all Challenge paths	challenge/[node:title]
Pattern for all FAQ paths	faq/[node:title]
Pattern for all Idea paths	idea/[node:title]

Taxonomy term paths

Pattern	Token
Default path pattern	[term:vocabulary]/[term:name]

User paths

Pattern	Token
Pattern for user account page paths	users/[user:name]

5.15.4 List

The module allows administrator to change the existing system path into an alternative path by which this data can be accessed. This settings can be done at admin/config/search /path. Furthermore, all existing path aliases of the platform are listed here.

5.15.5 Manual Path Aliases

Users can still manually edit the path aliases while creating or editing a content at “URL path setting”. However when the check box “Generate automatic URL alias” is ticked, the path alias will be automatically create by the URL alias pattern.

5.16 Goals

The goals module is a custom gamification system for a Drupal platform and is used together with rules. By creating a number of goals with associated tasks that align with behaviours encouraged on a site this gamification system can quickly be established. A goal is composed of a set of one or more tasks that users can complete. A task is an individual or series of events that have to be completed within a specified time frame. When the goal is achieved different actions can be triggered with Rules.

5.16.1 Information

Author: Drupal (<https://www.drupal.org/project/goals>)

Core: 7.x-1.3

Modified by: EQUAL-IST CrowdEquality development team

This module should not be updated anymore!

Path: modules/goals

5.16.2 Goals and Tasks of the Platform

For the gamification system twelve goals (reward name) with different tasks (reward description) were developed by the EQUAL-IST CrowdEquality development team. Every goal has a different image (reward image) and a different amount of userpoints (received userpoints) that a user can gain while receiving a goal.

Rewards

Reward name	Reward image	Reward description	Received userpoints
1. Baby EQUAL-IST		Leave your first comment Visit the platform three times in one week	5 Points
2. Contributor		Add five comments Visit the platform fifteen times in one month	10 Points
3. Social Contributor		Register with one of your social media accounts	15 Points
4. Feedback Giver		Leave some feedback	20 Points
5. Equality Newcomer		Add two ideas Add ten comments	30 Points
6. Equality Supporter		Add five ideas Add fifteen comments	40 Points
7. Equality Rocket		Add one challenge Add seven ideas Add twenty comments	50 Points
8. Equality Star		Add two challenges Add ten ideas Add twenty-five comments	60 Points
9. Crowd Favourite		Create a top idea	70 Points
10. Comment Master		Add forty comments	80 Points
11. Idea Master		Add fifteen ideas	90 Points
12. Challenge Master		Add five challenges	100 Points

5.16.3 Rules for the Goals

1. Baby CrowdEquality

Field	Value
Visit Platform	
Event	User has logged in/ User logged in through HybridAuth
Conditions	None
Actions	<p>“Record a task for Goals”, Task to record: Value: visit_platform, record for user: Value: [account:name]</p> <p>“Show a message on the site”, Message: Value: Welcome to the CrowdEquality platform!, Message type: Value: Status, Repeat Message: True</p>
Comment	
Event	After saving new comment of type Challenge comment/After saving a new comment of type Idea comment
Conditions	None
Actions	“Record a task for Goals”, Task to record: Value: comment, record for user: Value: [comment:author]
Complete Baby CrowdEquality	
Event	A goal is completed by a user.
Condition	“The goal completed by a user”, Goal: Value: Baby CrowdEquality

Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Baby CrowdEquality goal., Message: Value: Dear [node:author],</p> <p>you have completed the Baby CrowdEquality goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>
----------------	--

2. Contributor

Field	Value
Visit Platform	See Baby CrowdEquality
Comment	See Baby CrowdEquality
Complete Contributor	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Contributor
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Contributor goal., Message: Value: Dear [node:author],</p> <p>you have completed the Contributor goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

3. Social Contributor

Field	Value
Social Login	
Event	User added HybridAuth identity
Condition	None

Action	"Record a task for Goals", Task to record: Value: register_via_social_media, record for user: Value: [hybridauth-user:uid]
Complete Social Contributor	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Social Contributor
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Social Contributor goal., Message: Value: Dear [node:author],</p> <p>you have completed the Social Contributor goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

4. Feedback Giver

Field	Value
Leave a Feedback	
Event	After saving a feedback
Condition	None
Actions	"Record a task for Goals", Task to record: Value: leave_feedback, record for user: Value: [feedback:author]
Complete Feedback Giver	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Feedback Giver
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Feedback Giver goal., Message: Value: Dear [node:author],</p> <p>you have completed the Feedback Giver goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p>

From: Value: equalistpage@gmail.com

5. Equality Newcomer

Field	Value
Comment	See Baby CrowdEquality
Add Idea	
Event	After saving new content of type <i>Idea</i>
Condition	"Content is of type", Content: Data selector: node, Content types: Value: Idea
Actions	"Record a task for Goals", Task to record: Value: add_idea, record for user: Value: [node:author]
Complete Equality Newcomer	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Equality Newcomer
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Equality Newcomer goal., Message: Value: Dear [node:author],</p> <p>you have completed the Equality Newcomer goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

6. Equality Supporter

Field	Value
Comment	See Baby CrowdEquality
Add Idea	See Equality Newcomer
Complete Equality Newcomer	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Equality Supporter
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Equality Supporter goal., Message: Value: Dear [node:author],</p>

<p>you have completed the Equality Supporter goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

7. Equality Rocket

Field	Value
Comment	See Baby CrowdEquality
Add Idea	See Equality Newcomer
Add Challenge	
Event	After saving new content of type <i>Challenge</i>
Condition	"Content is of type", Content: Data selector: node, Content types: Value: Challenge
Action	"Record a task for Goals", Task to record: Value: add_challenge, record for user: Value: [node:author]
Complete Equality Newcomer	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Equality Rocket
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Equality Rocket goal., Message: Value: Dear [node:author],</p> <p>you have completed the Equality Rocket goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

8. Equality Star

Field	Value
Comment	See Baby CrowdEquality
Add Idea	See Equality Newcomer
Add Challenge	See Equality Rocket
Complete Equality Star	

Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Equality Star
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Equality Star goal., Message: Value:</p> <p>Dear [node:author],</p> <p>you have completed the Equality Star goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

9. Crowd Favourite

Field	Value
Top Idea	
Event	A node has been flagged, under "First Idea"
Condition	None
Actions	<p>"Record a task for Goals", Task to record: Value: get_topidea, record for user: Value: [flagged-node:author]</p>
Complete Crowd Favourite	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Crowd Favourite
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Crowd Favourite goal., Message: Value:</p> <p>Dear [node:author],</p> <p>you have completed the Crowd Favourite goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

10. Comment Master

Field	Value
-------	-------

Comment	See Baby CrowdEquality
Complete Comment Master	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Comment Master
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Comment Master goal., Message: Value:</p> <p>Dear [node:author],</p> <p>you have completed the Comment Master goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

11. Idea Master

Field	Value
Add Idea	See Equality Newcomer
Complete Idea Master	
Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Idea Master
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Idea Master goal., Message: Value:</p> <p>Dear [node:author],</p> <p>you have completed the Idea Master goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

12. Idea Master

Field	Value
Add Challenge	Equality Rocket
Complete Challenge Master	

Event	A goal is completed by a user.
Condition	"The goal completed by a user", Goal: Value: Challenge Master
Actions	<p>"Send mail", To: Value: [awarded-user:mail], Subject: Value: CrowdEquality: Congratulations! You have completed the Challenge Master goal., Message: Value:</p> <p>Dear [node:author],</p> <p>you have completed the Challenge Master goal. You may now have a look at this goal by visiting your user profile. You can click this link or copy and paste it to your browser:</p> <p>[awarded-user:url]</p> <p>Your CrowdEquality team</p> <p>Please don't reply to this automated email.</p> <p>From: Value: equalistpage@gmail.com</p>

5.16.4 User profile

Users can see their received goal in their user profile. Furthermore there is a link which leads to the overview page that contains a table with all implemented rewards.

5.16.5 Adjustment of the module for the crowdequality platform

Due to the use of the realname module, the goals module wasn't able to identify users who reached a goal and to assign the related achievement to them. The solution was a slight adjustment of the goals_rules_username_to_uid function in the goals.rules.inc file. The elseif-case of the original function was replaced by a simple else-case with a database query. This query is used to select the right user id from the table "realname" by comparing the transferred username, which is in this case the full name of the user who reached a goal. Due to this modification of the module it is advisable to not update the goals module without further consideration.

Below there are the original and adjusted version of goals_rules_username_to_uid function added.

Original:

```
function _goals_rules_username_to_uid($username) {
    // Look up by username.
    $u = user_load_by_name($username);
    if ($u) {
        return $u->uid;
    }
    elseif (is_numeric($username)) {
        // Try by id, in case a number is passed.
        $u_by_id = user_load($username);
        if ($u_by_id) {
```

```
        return $u_by_id->uid;
    }
}
// Return false since we can't find the user.
return FALSE;
}
```

Adjustment:

```
function _goals_rules_username_to_uid($username) {
    // Look up by realname.
    if (is_numeric($username)){
        $u_by_id = user_load($username);
        if($u_by_id) {
            return $u_by_id->uid;
        }
    } else {
        $uid = db_select('realname', 'r')
            -> fields('r', array('uid'))
            -> condition('realname', $username)
            -> execute()
            -> fetchAssoc();

        if ($uid) {
            return $uid['uid'];
        }
    }
    // Return false since we can't find the user.
    return FALSE;
}
```

5.17 Simple hierarchical select

5.17.1 Information

Author: Drupal (<https://www.drupal.org/project/shs>)

Path: sites/all/modules/shs

Description: Defines a new form widget.

Core: 7.x

5.17.2 Description

This module defines a new form widget for taxonomy terms. By using it it's possible to browse through several taxonomy vocabularies and assign a selection of terms.

5.17.3 Usage

On the CrowdEquality the simple hierarchical select module is used for the occupation selection (see 5.9.2.6) of the registration process, the affected areas and target groups of challenges (see 6.5.1.3) and tags of related challenge categories for ideas (see 6.4.1.5).

5.18 Anonymous Publishing

This module enables the administrator or site manager to use three submodules in order to enhance the control over anonymous publishing. The first submodule (“Anonymous publishing CL”) enables unregistered users to publish content when they supply a valid e-mail address. The submodule “Anonymous publishing LR” enables users, who published anonymous content before their registration, to claim these anonymous posts as an authenticated user. The last submodule (“Anonymous publishing PET”) creates the opportunity for authenticated users to publish content that appear as published by an anonymous user.

For the CrowdEquality module the anonymous publishing PET submodule is used.

5.18.1 Information

Author: Drupal (https://www.drupal.org/project/anonymous_publishing)

Path: sites/all/modules/anonymous_publishing

Description: Increases the control over anonymous publishing.

Core: 7.x

5.18.2 Setting

The settings of the anonymous publishing PET submodule are accessible under this path: admin/config/people/anonymous_publishing_pet.

5.18.2.1 Main Settings

Field	Value
Challenge	Enabled
Idea	Enabled
Comment	Enabled
Allow authenticated users to publish as Anonymous	Enabled

5.18.2.2 Privacy

Field	Value
Maximum period to retain real name records	Indefinitely

5.18.3 CSS Style

All style classes can be found in the style.css file under this path: \sites/all/themes/sunrise/css/style.css.

5.18.3.1 General

Note: classes divided by “,” mean that the tag has both classes (in this order)

CSS Class(es)	Function
edit-anonymous-publishing, fieldset-legend, fieldset-title	Shapes the title of the anonymous publishing options

5.18.3.2 Challenge

Note: classes divided by “,” mean that the tag has both classes (in this order)

CSS Class(es)	Function
challenge-node-form, publishing-options, edit-anonymous-	Organizes the anonymous publishing checkboxes

5.18.3.3 Idea

Note: classes divided by “,” mean that the tag has both classes (in this order)

CSS Class(es)	Function
idea-node-form, edit-anonymous-publishing-options	Organizes the anonymous publishing checkboxes

5.18.3.4 Comment

Note: classes divided by “,” mean that the tag has both classes (in this order)

CSS Class(es)	Function
comment-form, edit-anonymous-publishing-options	Organizes the anonymous publishing checkboxes

5.19 Select or Other

This module adds a new Form API element to the platform. It is a simple select box with the option to indicate an alternative term. If a user selects the “Other” option of the select box, a text field will appear where the user can type in the needed term.

This box is used on the CrowdEquality platform for example for the gender selection (see 5.9.2.3) of the registration process.

5.19.1 Information

Author: Drupal (https://www.drupal.org/project/select_or_other)

Path: sites/all/modules/select_or_other

Description: Adds a new Form API element.

Core: 7.x

5.20 Google Chart Tool

This module enables the administrator or site manager to use the Google Chart API on the platform. Therefore it grants access to a lightweight, simple to extend and memory friendly alternative to other chart methods.

5.20.1 Information

Author: Drupal (<https://www.drupal.org/project/chart>)

Path: sites/all/modules/chart

Description: Creates the opportunity to use the Google Chart API on the platform

Core: 7.x

5.21 Devel

This module contains several helper functions which support the development of the platform. For example, with the function “dsm” (<https://api.drupal.org/api/devel/devel.module/function/dsm/7.x-1.x>) it is possible to print out several messages or variables like the form variable of a page.

5.21.1 Information

Author: Drupal (<https://www.drupal.org/project/devel>)

Path: sites/all/modules/devel

Description: Contains several methods to support developers and themers.

Core: 7.x

5.21.2 Settings

The settings for the devel module can be found under the following path: /admin/config/development/devel.

For the CrowdEquality platform only the default settings were used.

5.22 IMCE for FileField

This module enables users to choose files from IMCE File Browser. It also supports FTP uploaded files.

5.22.1 Information

Author: Drupal (https://www.drupal.org/project/imce_filefield)
 Path: sites/all/modules/imce_filefield
 Description: Allows users to select files from IMCE File Browser.
 Core: 7.x

5.22.2 Settings

The settings for this module can be found under the following path:
 /admin/config/media/imce.

5.22.2.1 Configuration profiles

User-1

Field	Value
Maximum file size per upload	1
Directory quota	0
Total user quota	0
Permitted file extensions	Gif png jpg jpeg
Maximum image dimensions	800x600
Maximum number of files per operation	15
Maximum number of subdirectories	2
Directory path	var/www/html/sites/all/themes/sunrise/images/Bildauswahl
Browse	Enabled
Including subdirectories	Enabled
Thumbnails	Name: "Thumb", Dimensions: 900x600, Prefix: "thumb_"

Sample profile

Field	Value
Display file browser tab in user profile pages	Enabled
Maximum file size per upload	50
Directory quota	60
Total user quota	0
Permitted file extensions	Gif png jpg jpeg
Maximum image dimensions	900x600
Maximum number of files per operation	50

Maximum number of subdirectories	2
Directory path	var/www/html/sites/all/themes/sunrise/images/Bildauswahl
Browse	Enabled
Upload	Enabled
Thumbnails	Enabled
Including subdirectories	Enabled
Delete	Enabled
Resize	Enabled
Add subdirectories	Enabled
Remove subdirectories	Enabled
Including subdirectories	Enabled
Thumbnails	Name: "Thumb", Dimensions: 900x600, Suffix: "_thumb"

5.22.2.2 Role-profile assignments

User Role	Public Files	Weight
Site maintenance account	User-1	n/a
University of Modena and Reggio Emilia	User-1	0
University of Minho	User-1	0
University of Liechtenstein	User-1	0
University of Turku	User-1	0
Simon Kuznets Kharkiv National University of Economics	User-1	0
Ca' Foscari University of Venice	User-1	0
Kaunas University of Technology	User-1	0
University of Münster	User-1	0
University	User-1	0
site-manager	Sample profile	0
Administrator	Sample profile	0
External Typ 1	User-1	0
External Typ 2	User-1	0
Consortium Members	User-1	0
authenticated user	User-1	1
anonymous user	- None -	1

5.22.2.3 Common settings

Field	Value
Keep the existing file renaming the new one	Enabled
First scale then crop the image to fit the thumbnail dimensions	Enabled

5.23 OAuth

Through the use of the OAuth module the OAuth standard is implemented for Drupal. Other modules that are supposed to use OAuth are supported by it.

5.23.1 Information

Author: Drupal (<https://www.drupal.org/project/oauth>)

Path: sites\all\modules\oauth

Description: Implements the OAuth 1.0 standard for Drupal.

Core: 7.x

5.23.2 Settings

The settings for the OAuth module can be found under the path: /admin/config/services/oauth.

Field	Value
Enable the oauth provider	Enabled
Request token lifetime	7200
Login page	user/login

5.24 Rate

This module enables the use of several voting widgets for content of the platform. Additional features are for example also the total vote count, multiple ratings per node and the setting of a start and end date.

5.24.1 Information

Author: Drupal (<https://www.drupal.org/project/rate>)

Path: sites\all\modules\rate

Description: Provides flexible voting widgets.

Core: 7.x

5.24.2 Usage

The rate module is used in the Ideation and Closed phases for the votes of the challenges, ideas and comments (see 5.6.2.3 and 5.6.3.4).

5.25 Vote Up/Down

The module provides a voting widget as a field, which can be used for several drupal entities or as a base for a voting implementation for other entities.

5.25.1 Information

Author: Drupal (https://www.drupal.org/project/vote_up_down)

Path: profiles/idea/modules/contrib/vote_up_down

Description: Enables votes for some drupal entities.

Core: 7.x

5.25.2 Settings

The settings for the vote up/down module can be found under the following path: */admin/config/search/voteupdown*.

Field	Value
Voting API tag	Vote

5.25.3 Usage

The vote up/down module is used in the Voting phase for the voting of the challenges and ideas (see 5.6.2.3).

5.26 Voting API

This module supports the rating of any Drupal content, multi-criteria voting and the additional vote calculations. It doesn't provide direct voting mechanisms for end users, but as a framework it enables other developers to create own voting functionalities in an easy way.

5.26.1 Information

Author: Drupal (<https://www.drupal.org/project/votingapi>)

Path: profiles/idea/modules/contrib/votingapi

Description: Provides a standardized API for storing, retrieving and tabulating votes.

Core: 7.x

5.26.2 Settings

The settings for the Voting API can be found under the following path: */admin/config/search/votingapi*.

Field	Value
Anonymous vote rollover	1 day
Registered user vote rollover	Never
Tally results whenever a vote is cast	Enabled

5.26.3 Usage

The vote up/down module is used for the votes of the challenges, ideas and comments (see 5.6.2.3).

5.27 Search API

The Search API provides the ability to index and search for content by exact keywords, and for users by username or e-mail. It was preinstalled on the OpenIdeal distribution with the additional modules search autocomplete and top searches.

Its settings can be administered at */admin/config/search/settings*. There you have an overview of how many percent of the page have currently been indexed and how many still must be indexed. You can also determine how many items to index per cron run (currently 100), the minimum length a word should have to be indexed (currently three), and what types of content can be searched for. Regarding the cause of the platform, it is only possible to search for nodes, but the search for users is also possible. It is also possible to determine if all searches should be logged or not, currently they are. If the search results should be ranked (for number of comments, keyword relevance, content is sticky at top of lists, content is promoted to front page, recently posted, number of views) it can also be set here, but we do not use any of those ranking opportunities.

5.27.1 Information:

Author: Drupal (https://www.drupal.org/project/search_api)

Path: \module\search

Description: Provides the ability to index and search for content by exact keywords, and for users by username or e-mail.

Core: 7.x

5.28 Search Autocomplete

This module helps to enhance search forms with autocomplete suggestions.

5.28.1 Information:

Author: Drupal (<https://www.drupal.org/project/>)

Path: profiles\idea\modules\contrib\search_autocomplete

Core: 7.x

Search autocomplete settings can be administered at
/admin/config/search/search_autocomplete.

5.29 Top Searches

With the module top searches the maximal number of items shown in the top searches block (currently ten) and if counters should be presented next to the items in the block (they shouldn't) can be set.

Top searches can be administered at */admin/config/search/top_searches*.

5.29.1 Information:

Author: Drupal (https://www.drupal.org/project/top_searches)

Path: \profiles\idea\modules\contrib\top_searches

Description: Provides a list of top search phrase

Core: 7.x

5.30 Comment Delete

Comment delete provides new functionalities for the deletion of comments. Usually, drupal only offers permissions to roles to either delete all comments, no matter who the author is, or to delete none, not even if you created the comment yourself. With this module, it is possible to allow users to only delete their own comments. It adds the permissions "delete own comments", "delete own comments anytime", "delete any comment", "delete any comment anytime", "delete comment replies" and "move comment replies" to the permissions overview on *CrowdEquality/admin/people/permissions*. Comment replies are not relevant to us, since we activated the flat comments module (5.31).

User roles	Comment Deletion Permissions
Anonymous Users	None
Authenticated Users (including External Users, University Members, Consortium Members)	Delete own comments anytime
Site Manager	Delete any comment anytime
Administrator	All permission options are activated

5.30.1 Information

Author: Drupal (https://www.drupal.org/project/comment_delete)

Path: \sites\all\modules\comment_delete

Description: Enhances user comment deletion capabilities.

Core: 7.x

5.31 Flatcomments

Flatcomments is a module that allows you to force comments to always be replies to the node regardless of the reply link used. The comments are not just displayed flat, but also stored this way. If you delete a comment, its replies are usually deleted as well. This is an issue especially when you are displaying your comments as a flat list because you cannot see if a comment has any replies. Which then causes the deletion of more than the single comment you intended. Flatcomments fixes these issues. To configure the module, you must change the “comment settings” of your content types. For that, we edited the comment settings of our content types “challenge” and “idea” under *admin/structure/types/manage/challenge* and *admin/structure/types/manage/idea*. “Threading” must be unchecked and the reply link of the comments must be disabled, since it is no longer necessary on our platform.

5.31.1 Information

Author: Drupal (<https://www.drupal.org/project/flatcomments>)

Path: \sites\all\modules\flatcomments

Description: Make all comments replies to the main post, regardless of the reply link used.

Core: 7.x

5.32 Simplify

Simplify allows fields, that are usually accessible and visible for all users, to be hidden for specific ones. We were mostly interested in hiding the text format selection, so that the user interface would be sleeker.

The settings are accessible under *CrowdEquality/admin/config/user-interface/simplify*, where we additionally to hiding the text selection, hid meta tags and url path settings for all nodes, users, comments, taxonomy and blocks.

Type	Hidden Fields
Nodes	Text format selection, url path settings, meta tags
Users	Text format selection, meta tags
Comments	Text format selection
Taxonomy	Text format selection, url aliases, meta tags, relations
Blocks	Text format selection

5.32.1 Information:

Author: Drupal (<https://www.drupal.org/project/simplify>)

Path: \sites\all\modules\simplify

Description: Simplifies the user interface by hiding particular fields.

Core: 7.x

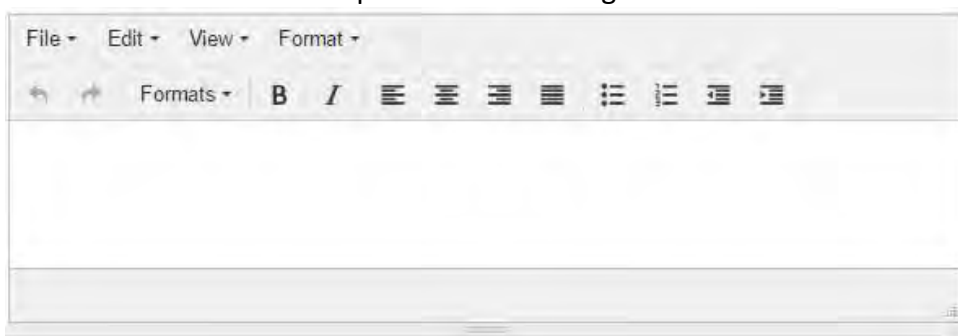
5.33 TinyMCE

To implement a what you see is what you get (WYSIWYG) editor, we decided to use TinyMCE, since it is one of the most used and developed editors for drupal.

For integrating it into the platform, we installed the tinymce library under */drupal/sites/all/libraries* and inserted the following code into the head of our html.tpl.php script of our theme.

```
<!-- next 5 lines are for the integration of tinymce-->
<script src="/drupal/sites/all/libraries/tinymce/js/tinymce/tinymce.min.js"></script>
<!-- Just be careful that you give correct path to your tinymce.min.js file, above is the default example -->
<!-- Just be careful that you give correct path to your tinymce.min.js file, above is the default example -->
<script>
  tinymce.init({selector:'textarea'});
</script>
```

With that we then ended up with the following look of our text fields:



5.33.1 Information

Author: ephox (<https://www.tinymce.com/download/>)

Path: \sites\all\libraries\tinymce

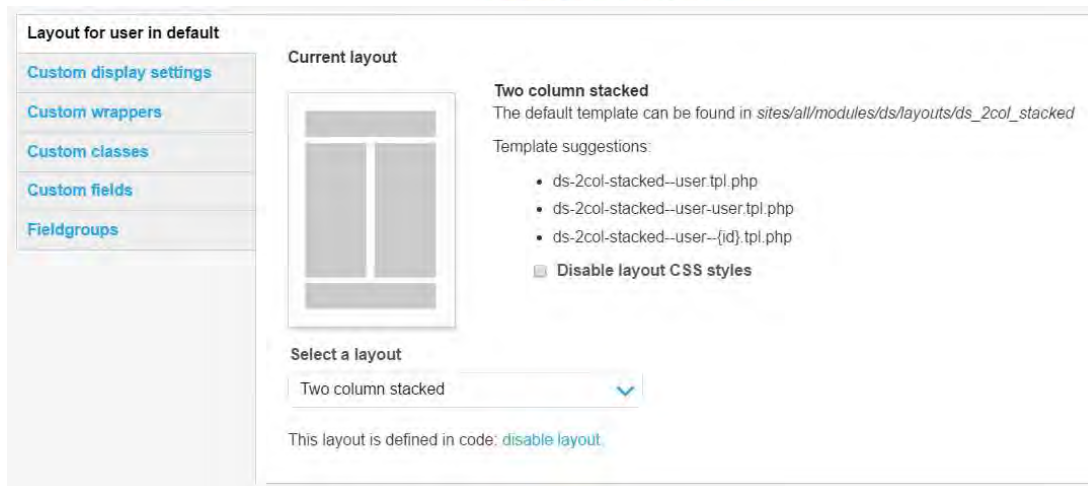
Description: Library for the tinymce editor

5.34 Display Suite

With the module Display Suite it is possible to drag and drop your content via an interface to where on the page you want it to be. Nodes, views, comments and user data can be arranged in a more intuitive way and without using template files.

One can choose between two, three or four columns and if they should be fluid or not. Then, the different fields are assigned to one of the regions of the layout.

The following interface is accessible on every node, view or comment page at the bottom.



5.34.1 Information

Author: Drupal (<https://www.drupal.org/project/ds>)

Path: `\sites\all\modules\ds`

Description: Extend the display options for every entity type.

Core: 7.x

5.35 Captcha

The purpose of Captcha is to block spam bots from using forms. There is a check-up with letters on unclear pictures, which the user has to type into the field.

5.35.1 Information

Author: Drupal (<https://www.drupal.org/project/captcha>)

Path: `sites/all/modules/captcha`

Description: Allows check-up to determine if the user is a human.

Core: 7.x

5.36 Menu_item_visibility

This module offers configurable and alterable visibility settings for menu item links. With that, it is possible to hide menu items for specific user roles and therefore block the access to regions of the platform to them.

5.36.1 Information

Author: Drupal (https://www.drupal.org/project/menu_item_visibility)

Core: 7.x-1.0-beta2

Path: `modules/menu_item_visibility`

5.36.2 Permissions

Only the administrator is allowed to adjust the visibility settings within the main menu's links.

5.36.3 Visibility settings

When adjusting the main menu's links, the administrator is able to determine the user roles, who should have access to the specific links of the main menu. If no user roles are selected, the menu link is visible for all users.

5.36.4 Visibility settings of CrowdEquality

Menu link	Path for configuration	User roles with access to the link
Home	structure/menu/item/1059/edit	All user roles
Challenges	structure/menu/item/201/edit	All user roles
Ideas	structure/menu/item/556/edit	All user roles
Rankings	structure/menu/item/1929/edit	Administrator, site-manager, consortium member, university member, external type one and two
Statistics	structure/menu/item/1927/edit	Administrator, site-manager, consortium member
About	structure/menu/item/1058/edit	All user roles

5.37 Avatar_selection

5.37.1 Information

Author: Drupal (https://www.drupal.org/project/avatar_selection)

Core: 7.x-1.1

Path: \sites\all\modules\avatar_selection

5.37.2 Usefulness

With the avatar_selection module users have the option to choose an avatar from a list that an administrator created before, but there is still the option to upload an own picture.

Upload picture

Keine ausgewählt
Your virtual face or picture. Pictures larger than 300x300 pixels will be scaled down.

Or simply select an icon



5.38 XML sitemap

The XML sitemap module helps search engines to crawl the website by creating a sitemap, which contains a list of all pages on the website. The sitemap can be automatically submitted to several search engines. An easily comprehensible site structure can improve the rankings in search engines.

5.38.1 Information

Author: Drupal (<https://www.drupal.org/project/xmlsitemap>)

Core: 7.x-2.3

Path: \sites\all\modules\xmlsitemap

5.39 Wordfilter

The wordfilter module gives the option to filter different text formats like html or plain text of swear words or to replace specific words by a given text.

5.39.1 Configuration

At */admin/config/content/wordfilter* the administrator can determine the replacement of swear words, which words to filter for and more settings. At *admin/config/content/formats* the word filter can be activated for each text format.

It is advisable to use the setting to filter only full words. To filter within words may censor unintentional words.

5.39.2 Information

Author: Drupal (<https://www.drupal.org/project/wordfilter>)

Core: 7.x-1.x-dev

Path: \sites\all\modules\wordfilter

5.40 Drag Drop File

The drag drop file module allows the user to upload files by inserting them into a specific field.

5.40.1 Information

Author: Drupal (<https://www.drupal.org/project/dragdropfile>)

Core: 7.x-1.7

Path: \profiles\idea\modules\contrib\dragdropfile

5.41 Entity API

The entity API module simplifies the way to deal with entities and the creation of new entity types.

5.41.1 Information

Author: Drupal (<https://www.drupal.org/project/entity>)

Core: 7.x

Path: \profiles\idea\modules\contrib\entity

5.42 Views_slideshow

The module creates a View Type called Slideshow, which displays nodes in a jQuery slideshow. With this module, it is not only possible to use images within a slideshow. Furthermore, there are several settings that can be used for each created View (see Home and challenge detailed).

5.42.1 Information

Author: Drupal (https://www.drupal.org/project/views_slideshow)

Core: 7.x-3.5

Path: modules/views_slideshow

5.42.2 Requirements

Before uploading the module, it was necessary to create a directory within sites/all/libraries, which is called jquery.cycle. There, the jQuery cycle plugin (<http://malsup.com/jquery/cycle>) is placed.

Furthermore, the modules “Views”, “Libraries” and “Ctools” are required.

5.42.3 Applications

The module creates a new view style option called slideshow. It can be activated and used by creating a view and selecting the format slideshow for this view.

5.42.4 Settings

There are specific settings that can be used by creating a view with the format slideshow.

5.42.4.1 Transition

There are several options for the transition effect, which manage the change of the slides. Examples for the different options can be found by following this link: <http://jquery.malsup.com/cycle/browser.html>. The only option used within the CrowdEquality platform is called fade.

5.42.4.2 Actions

There is the opportunity to pause the slideshow by either hovering over the slideshow image or by clicking on the slide. If it is paused, a user can restart the slideshow by hovering over the slideshow image.

5.42.4.3 Widgets

The administrator can add widgets at the top or at the bottom of the slideshow. Widgets are pagers, controls and slide counters.

5.43 Views Aggregator Plus

This module helps at grouping results of similar values in one column, while aggregating other values that belong to the first value in other columns. It is useful in the context of views tables. In the context of CrowdEquality, this module is put to account at the rankings page (6.10).

5.43.1 Information

Author: Drupal (https://www.drupal.org/project/views_aggregator)

Core: 7.x-1.4

Path: modules/views_aggregator

5.43.2 Requirements

The modules “Views” and “Chaos tools” are required.

5.43.3 Applications

The module can be used when creating or adapting a view. The existing views can be reached at the main views page (*structure/views/view/YOUR-VIEW/edit/*) and new views can also be created there (*structure/views/add*).

5.43.3.1 Requirements at application

When creating or adapting a view with aggregation, it is recommendable to turn off the aggregation at the advanced settings under “other”. The “use aggregation” setting has to be set to “no”, because “Views Aggregator Plus” is not combinable with the default aggregation options of views.

5.43.3.2 Format

The format that should be used when creating or adapting a view with aggregation is called “table with aggregation options”. Thereby, grouping and aggregation of fields are allowed. The fields that should be included in the table have to be determined before adapting the settings of the aggregated table’s format. Then, it is possible to align the fields either left, right or in the center of the column. Next, there is the opportunity to apply group functions for each column, for example build the sum, the average or enumerate values. Furthermore, the column’s values can be grouped and compressed or only the first member can be displayed. There are several options that can be used. But all group aggregation functions, except “Filter rows”, require the “Group and compress” option, that refers to every other function. These functions evaluate their results concerning the column with the “Group and compress” option. So, it is essential that one column has the value “Group and compress”. Further details are given when creating the aggregated table.

5.44 Userpoints Ranking

This module helps to calculate the differences of the userpoints between the users. It facilitates the ranking of users concerning their userpoints. It is integrated with Views and accessible via Views. Within the CrowdEquality platform, it is used at the rankings page (see rankings).

5.44.1 Information

Author: Drupal (https://www.drupal.org/project/userpoints_ranking)

Core: 7.x-1.0-alpha1

Path: modules/userpoints_ranking

5.44.2 Requirements

The modules “Views” and “Userpoints” are required.

5.45 Image styles

The module image styles provides modifications of images in form of different sizes and effects. When displaying an image with a style, the original image is not changed, but a new file is created.

1.1 Styles

Style name	Settings	Effect	Size of the image
Cropped 220*220	Default	Crop	220px x 220px
Avatar_45_45	Default	Scale and crop	45px x 45px
Thumbnail	Default	Scale	100px x 100px
Medium	Default	Scale	220px x 220px
Large	Default	Scale	480px x 480px
Autocompletion style	Default	Scale and crop	50px x 50px
Nodes detailed style	Custom	Scale and crop	800px x 500px
Default_style	Custom	Scale and crop	400px x 400px
Goal_image	Custom	Scale	30px x 30px
Teaser_style	Custom	Scale and crop	250px x 250px
Profile_pic	Custom	Scale and crop	500px x 500px
Slideshow startseite	Custom	Scale and crop	900px x 550px

1.2 Settings

Setting	Description
Default	Created by Drupal
Custom	Created by the EQUAL-IST CrowdEquality development team

1.3 Effects

Only the within the CrowdEquality platform used effects are explained here.

Effect	Description
Scale	Maintains the proportion of width and height of the original image that is transferred into a smaller or bigger format. If only a single dimension is indicated, the other dimension is calculated. There is also the opportunity to allow upscaling, what means that images can be make larger, if the original images are smaller than them.
Crop	Removes parts of the image to fit to the indicated size. There is the possibility to determine the main part that should be protected against cropping and shown in the new image file.
Scale and crop	Maintains the proportion of width and height of the original image and crop the larger dimension. An advantage is that the image will not be stretched.

6 Sunrise Theme

Sunrise is a theme which was originally designed for bars, restaurants, cafés and similar businesses and has been ported to Drupal.

6.1 Information

Author: Drupal (<https://www.drupal.org/project/sunrise>)

Core: 7.x-1.1

Modified by: EQUAL-IST CrowdEquality development team

Path: sites/all/themes/sunrise

6.2 Installation

Download the Sunrise theme: The Sunrise theme can be downloaded from <https://www.drupal.org/project/sunrise>. Important is that the version of the theme matches with the Core.

Extract the files: The Sunrise theme appears in a compressed file format such as 'tar.gz' which has to be extracted with different programs like 7-Zip (Windows), Stuffit Expander (Mac) or Unix command line.

Upload the folder: FTP/Copy/SCP the files to the desired Drupal themes folder. Since the themes folder at the top level of Drupal is reserved for core themes, a directory sites/all/themes should be created for uploading the Sunrise theme.

Read the directions: If the theme has an installation file (INSTALL.txt or README.txt), those documents should be read, because some themes require special treatment.

Enable the Sunrise theme: Go to "Appearance" on the main Administration menu of the Drupal site and check the 'Enabled' box next to the Sunrise theme.

Make the Sunrise theme active: The 'default' box has to be selected in order to make the Sunrise theme the chosen theme for the Drupal site.

Click the 'Save Configuration' button at the bottom

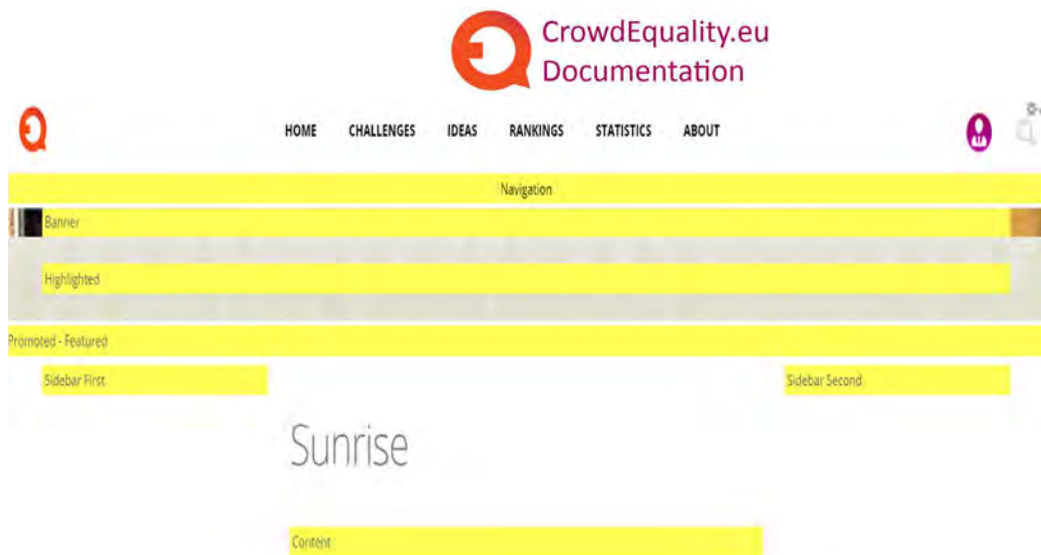
Settings: Go to "Appearance/Settings" and choose the Sunrise theme in the tab bar to further control the display settings for the theme.

6.3 Pages

6.3.1 Home

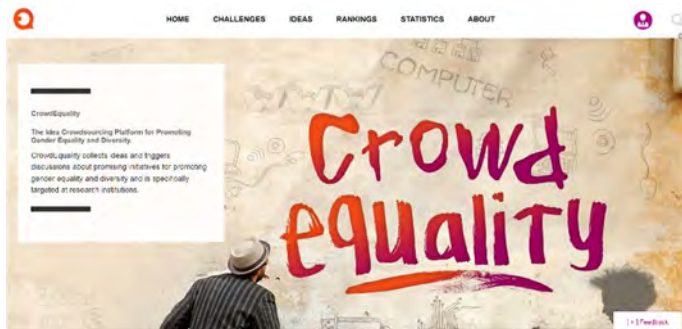
6.3.1.1 Regions of the start page

In the following picture an overview of the regions of the start page in the Sunrise Theme is given. This overview has to be kept in mind while placing blocks on the start page.



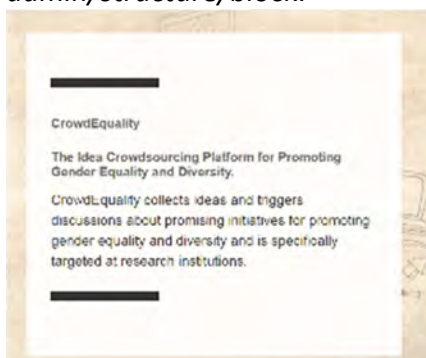
6.3.1.2 CrowdEquality picture

The CrowdEquality picture in the banner region was designed within the EQUAL-IST project and is stored in the folder `\sites\all\themes\sunrise\images\CrowdEquality.jpg`.



6.3.1.3 Block: Information Block

The information block which is located at the content region on the CrowdEquality picture gives some information about the website. Users can inform themselves shortly about the idea of the platform and its crowdsourcing thought. The block can be found at `admin/structure/block`.



6.3.1.4 Block: Process of Participation

The information block (Info_Block) in the form of three rotating circles is located at the promoted – featured region of the Sunrise theme and can be found at `admin/structure/block`.

It shows the process of participation on the CrowdEquality platform. Furthermore, every circle is a link to a Vimeo video.



6.3.1.5 Block: Participate Now Button

The participation button (Participate_Button) is only visible to anonymous users and is a link to the registration form. It is located at the promoted – featured region of the Sunrise theme and can be found at *admin/structure/block*.



6.3.1.6 View: Slideshow Challenges

The slideshow is a view that shows the three latest challenges with a picture and a title. The corresponding module for this view is *views_slideshow*. In the following table the settings for this slideshow can be read.

Term	Value
Title	Slideshow
Format	Slideshow
Show	Bootstrap Carousel
Fields	Content: Challenge Image (Image style: Slideshow) Content: Title
Filter criteria	Content: Published (Yes) Content: Type (in Challenge, ...)
Sort criteria	Content: Post date (desc)
Pager	Use pager: Display all items All items

6.3.1.7 Block: Twitter Feed

The EQUAL-IST twitter feed (Twitter Feed) is located at the bottom left side of the website. In the following the code for the EQUAL-IST twitter feed is given which is implemented at *admin/structure/block*.

```
<a href="https://twitter.com/EQUALISTproject" class="twitter-timeline" data-width="800" data-height="600" style="margin-left:20%"></a>
<script async src="//platform.twitter.com/widgets.js" charset="utf-8"> </script>
```



6.3.1.8 Block: Powered by the EQUAL-IST Project

This block (Infos zu Equalist und EU) contains information about the EQUAL-IST project alongside the project logo and a link to the website. If a mouse hovers over the block it tilts slightly to the side, which is implemented with CSS. The block itself can be found at *admin/structure/block*.



6.3.1.9 Block: Project Funding

This block (Project_Funding) contains information about the project funding from the the European Union's Horizon 2020 research and innovation program under grant agreement Nr.710549. Furthermore, it covers the EU flag and also tilts to the side like the Powered by the EQUAL-IST Project block. Also this block is implemented at *admin/structure/block*.



6.3.1.10 Scroll up Button

At the bottom of every page a smooth scroll button is implemented in the `page.tpl.php` file which scrolls back to the top of the page. The picture that is used for this button is <https://www.CrowdEquality.eu/sites/default/files/HochScrollButton.jpg>.

6.3.1.11 Footer

The Footer can be divided into the actual footer and the subfooter. Both are implemented in the `page.tpl.php` file.

The actual footer is divided into four regions. In the first region there are some contact information about the EQUAL-IST project. Users can hereby get to the EQUAL-IST website or send the project team a mail through the stated mail address. In the next region there are three buttons which lead to the social media sites Facebook, Twitter and LinkedIn of the EQUAL-IST project. In the third and fourth region links to the websites of the eight universities that participate in the EQUAL-IST project can be found.

The subfooter consists of only one region and contains links to the Terms and Condition page and the House Rules. Moreover, there is an information which says “©2016 EQUAL-IST All rights reserved.”

6.4 Add challenge

Additional information about the used fields at the “Add challenge” form will follow here in supplement to the second section `ideal_challenge` (5.2).

6.4.1 Fields

6.4.1.1 Title of your challenge

This field is defined in the node module, path: `modules/node/node.module`

6.4.1.2 Challenge Image

A field to insert a picture related to the challenge.

In addition, via `template.php` it is moved into the sidebar of the page.

Field	Value
Machine Name	<code>field_challenge_image</code>
Field Type	Image
Widget	Image

6.4.1.3 Challenge description

A field to add information about the challenge, which is visible for every logged-in user.

Field	Value
Machine Name	Body
Field Type	Long text and summary

Widget	Text area with a summary
Required Field	Enabled
Help text	Please provide further details about the challenge (max. 1,300 characters). For privacy reasons (as information about the challenge will also be visible for general public), please avoid revealing any author-, university-, and country-identifying information.
Text processing	Filtered text (user selects text format)
Rows	15
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.4.1.4 Internal information – just for your university

A field to describe your challenge with more information, which only logged-in users from the same university can see.

Field	Value
Machine Name	field_challenge_internal
Field Type	Long text and summary
Widget	Text area with a summary
Required Field	Disabled
Help text	If there is any information or comments/remarks about the challenge, which should only be visible to the members of your research institution and not the general public, please provide them here.
Text processing	Filtered text (user selects text format)
Rows	10
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.4.1.5 Challenge area and target group(s) affected by the challenge

A field to select target groups that are affected by the challenge with the help of the vocabulary *Categories*.

Field	Value
Machine Name	field_categories_subcategories
Field Type	Term reference
Widget	Simple hierarchical select
Required Field	Disabled
Help text	None
Text processing	Filtered text (user selects text format)
Rows	20

Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

Vocabulary: Categories:

First level	Second level	Third level
HR practices and management processes	Academic staff members	(Junior) Professors
		Postdoctoral researchers
		Lecturer or tutor (teachers, but not a researchers)
		Doctoral researchers (PhD candidate)
	Non-academic staff members	
	Leadership positions	
	Committees	
	Other	
IS research design and delivery	(Junior) Professors	
	Postdoctoral researchers	
	Doctoral researchers (PhD candidate)	
	Other	
Teaching and student services	Students (Bachelor and Masters)	
	Prospective students (schoolchildren)	
	Other	
Institutional communication with (potential) students	(Junior) Professors	
	Postdoctoral researchers (PhD candidates)	
	Lectures or tutors (teachers, but not researchers)	
	Non-academic staff members	
	Leadership positions	
	Committees	
	Students (Bachelor and Masters)	
	Prospective students (schoolchildren)	

Other

6.4.1.6 Attachments

This field is to upload files like pdf or docs via drag drop or selecting from the hard drive. In addition, via template.php it is moved into the sidebar of the page.

Field	Value
Machine Name	field_attachments
Field Type	File
Widget	File

6.4.1.7 Copyright infringement

This field is a single on/off checkbox to inform the user about the copyright of files and pictures.

Field	Value
Machine Name	field_copyright_infringement
Field Type	Boolean
Widget	Single on/off checkbox
Required Field	Enabled
Help text	None
Text processing	Filtered text (user selects text format)
On value	By uploading a picture or attachment you guarantee that there is no copyright infringement.
Off value	By uploading a picture or attachment you guarantee that there is no copyright infringement.
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.4.1.8 External links

The user has the possibility to insert links related to the challenge here.

Field	Value
Machine Name	field_external_links
Field Type	Text
Widget	Text field
Required Field	Enabled
Help text	You can provide links with further information about the idea.
Text processing	Plain text
Size of textfield	60
Default value	None
Permissions	Public (author and administrator can edit, everyone can view)

Number of Values	Unlimited
-------------------------	-----------

6.4.1.9 Select whether to post as yourself or as Anonymous

The user can decide whether to post as Anonymous or with the full name here.

6.5 Add idea

Additional information about the used fields at the “Add idea” form will follow here in supplement to the first section `ideal_idea` (5.1).

6.5.1 Fields

6.5.1.1 Idea image

A field to insert a picture related to the idea.

In addition, via `template.php` it is moved into the site bar of the page.

Field	Value
Machine Name	<code>field_challenge_image</code>
Field Type	Image
Widget	Image

6.5.1.2 Title of your idea

This field is defined in the node module, path: `modules/node/node.module`

6.5.1.3 Tags for related challenge categories

A field to relate the idea to challenge categories by using the vocabulary idea tags.

Field	Value
Machine Name	<code>field_challenge_ref</code>
Field Type	Term reference
Widget	Simple hierarchical select
Required Field	Disabled
Help text	Please choose the tags for each of the related challenge categories.
Text processing	Filtered text (user selects text format)
Simple hierarchical select settings	Force selection of deepest level
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	Unlimited

Vocabulary: Idea tags:

First level	Second level
Staff/researchers/prospective students	Degree choice
	Career choice
	Recruitment
	Staff Development
	Mentoring/ coaching
	Professional training
	Networking
	Funding opportunities
Research/ academic culture	Study culture
	Work culture
	Awareness
Other, please indicate	Visibility
	Gender-balanced language and communication style
Quality assurance	Needs analysis
	Gender controlling
	Monitoring
	Evaluation
Gender in research and teaching	Fellowship
	Lectures
	Core research areas
	Knowledge Transfer
	Awards
Organisational development	Policies
	Initialisation
	Gender mainstreaming
	Steering instruments
Work/life balance	Study conditions
	Working conditions
	Returning to work
	Dual career
	Childcare
	Dependent care
	Family services
	Information/ guidance

6.5.1.4 Idea description

A field to add information to an idea, which every logged-in user is able to see.

Field	Value
Machine Name	body

Field Type	Long text and summary
Widget	Text area with a summary
Required Field	Enabled
Help text	Please provide further details about the idea (max. 1,300 characters). For privacy reasons (as information about the idea will also be visible for general public), please avoid revealing any author-, university-, and country-identifying information.
Text processing	Filtered text (user selects text format)
Rows	20
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.5.1.5 External links

The user has here the possibility to insert links related to the idea.

Field	Value
Machine Name	field_external_links
Field Type	Text
Widget	Text field
Required Field	Enabled
Help text	You can provide links with further information about the idea.
Text processing	Plain text
Size of textfield	60
Default value	None
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	Unlimited

6.5.1.6 Attachments

This field is to upload files like pdf or docs via drag drop or selecting from the hard drive. In addition, via template.php it is moved into the site bar of the page.

Field	Value
Machine Name	field_attachments
Field Type	File
Widget	File

6.5.1.7 Internal information – just for your university

A field to describe your idea with more information, which only logged-in users from the same university are able to see.

Field	Value
Machine Name	field_idea_internal_information

Field Type	Long text and summary
Widget	Text area with a summary
Required Field	Disabled
Help text	If there is any information or comments/remarks about the idea, which should be visible only to the members of your research institution and not the general public, please provide them here.
Text processing	Filtered text (user selects text format)
Rows	20
Default Value	- None -
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.5.1.8 Copyright infringement

This field is a single on/off checkbox to inform the user about the copyright of files and pictures.

Field	Value
Machine Name	field_copyright_infringement
Field Type	Boolean
Widget	Single on/off checkbox
Required Field	Enabled
Help text	None
Text processing	Filtered text (user selects text format)
On value	By uploading a picture or attachment you guarantee that there is no copyright infringement.
Off value	By uploading a picture or attachment you guarantee that there is no copyright infringement.
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.5.1.9 Select whether to post as yourself or as Anonymous

The user is here able to decide to post as Anonymous with the full name.

6.6 Challenges Overview

6.6.1 Switch Filter

The Switch Filter (see 5.2.2.3.1 Switch Filter) is used to generate different views.

6.6.1.1 Non-prioritised view

The non-prioritised view is for the university members. They have the opportunity to switch the view for seeing the Challenges of the whole platform or the Challenges of their specific university. If the switch filter is not activated the user can see the Challenges of the whole platform. Otherwise, if it is activated, the user is able to see only the Challenges of his or her university.

6.6.1.2 Prioritised view

There is a prioritised view for the user roles administrator, site-manager and consortium member. They are able to activate all switch views for each university. Therefore, they can see the Challenges of each university if they activate the filter (only possible to activate one filter at the time) or the Challenges of the whole platform (activate no filter).

6.6.1.3 Special case

The external types one and two are not allowed to use the switch filter, since they do not belong to a specific university. Hence they cannot see the switch filter.

6.6.2 View: Challenges List

This block is a view that shows all challenges published on the platform. They appear in this section in descending order. The view itself can be found at `admin/structure/views/`. In the following table the settings for this view can be read. Further adaptations are made with CSS.

Term	Value
Title	Challenges List
Format	Unformatted List
Show	Fields
Fields	Content: Challenge Image (Image style: teaser_style) Content: Title Content: Body Content: Title (Content referencing Content from field_challenge_ref) Content statistics: Total views Content: Comment count Field:Vote Content: Status (Phase)
Filter criteria	Content: Published (Yes) Content: Type (= Challenge) Content: University
Sort criteria	Content: Post date (desc)
Pager	Use pager: Full Paged, 10 items
Advanced section	
Relationships	Entity Reference: Referencing entity Content: Author

6.6.3 Add Challenge Button

At the bottom of the challenge page an “Add Challenge”-block (Button to add challenges displayed on the Challenge overview sid) is located, which is implemented at *admin/structure/block* and only visible to users that are logged in. This block contains a links that leads to the create challenge form and is styled with CSS in the button style of the platform.

6.7 Detailed Challenge Page

At this page a challenge is displayed with all the specific information that was entered on the „Create challenge“- page.

6.7.1 Phases View

On top of the page we see the phases view that indicates in which phase the challenge is right now. Further information about the phases module can be found in the chapter **Fehler! Verweisquelle konnte nicht gefunden werden.** (5.6).



6.7.2 Switch View



This part of the page lets internal users choose the internal view, where they find internal information that was specified in the **Fehler! Verweisquelle konnte nicht gefunden werden.** (6.4) process. Further information about the Switch view can be found in the Switch View chapter (5.5.2.2.1.6.1).

6.7.3 Likes

The top of the sidebar indicates the number of likes generated for the challenge so far.



Phase	Liking possible?
Ideation	Yes
Reviewing	Yes

Voting	Yes
Closed	Yes

6.7.4 Add Idea Button

The sidebar gives you the option to add an idea to the challenge that is displayed on the detailed challenge page. This is dependent upon the phase the challenge is currently in.



Phase	Add idea possible?
Ideation	Yes
Reviewing	No
Voting	No
Closed	No

Further information about the „Add idea process“ can be found in chapter **Fehler! Verweisquelle konnte nicht gefunden werden.** (6.5).

6.7.5 Add Comment Button

Below that is an option to add a comment to the challenge. Further information on comments can be found in the chapter **Fehler! Verweisquelle konnte nicht gefunden werden.** (5.4).



Phase	Add comment possible?
Ideation	Yes
Reviewing	Yes
Voting	Yes
Closed	Yes

6.7.6 Idea statistics

Here, a compact overview of statistics regarding the ideas for the challenge is displayed. Further information about the idea statistics block can be found in chapter **Fehler! Verweisquelle konnte nicht gefunden werden..**



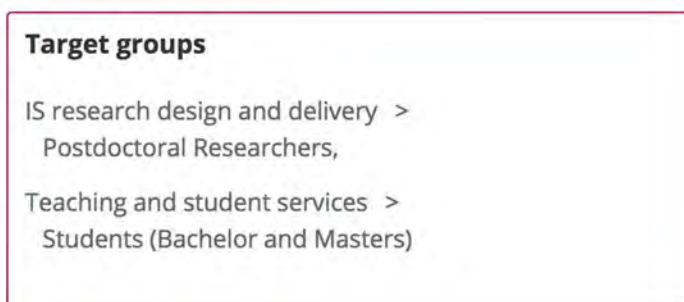
6.7.7 Challenge statistics

Below that, a compact overview of challenge statistics is displayed. Further information on that can be found in the chapter **Fehler! Verweisquelle konnte nicht gefunden werden..**



6.7.8 Target groups

Below that the defined target groups are displayed. Further information on that can be found in the chapter **Fehler! Verweisquelle konnte nicht gefunden werden..**



6.7.9 Social sharing

The last block in the sidebar contains the option to share the challenge on social media. This option is provided by the module Social Buttons.



6.7.10 Ideas belonging to the challenge block

This block displays all ideas that have been added to the challenge via the **Fehler! Verweisquelle konnte nicht gefunden werden.** (5.6) process.

It shows a slideshow that can be edited under *Structure/Views/Ideas_belonging_to_the_challenge*. In the following table the settings for this view can be read. Further adaptations are made with CSS.

Term	Value
Title	Ideas belonging to the Challenge
Format	Slideshow
Show	Fields
Fields	Content: Idea Image (Image style: teaser_style) (Content referencing Content from field_challenge_ref) Content: Title (Content referencing Content from field_challenge_ref) Content: Body (Content referencing Content from field_challenge_ref)
Filter criteria	(Content referencing Content from field_challenge_ref) Content: Published (Yes) (Content referencing Content from field_challenge_ref) Content: active (on)
Sort criteria	(Content referencing Content from field_challenge_ref) Content: Post date (desc)
Pager	Use pager: Display all items All items
Advanced section	
Contextual filters	Content: Nid
Relationships	Entity Reference: Referencing entity Content: Author (Content referencing Content from field_challenge_ref)
No results behaviour	Global: Unfiltered text ("There are no ideas belonging to this challenge. Be the first one to publish an idea.")

CSS Style

Function	CSS Class
Ideas belonging to the challenge	additional-ideas-123

6.8 Ideas Overview

6.8.1 Switch Filter

The Switch Filter (see 5.2.2.3.1 Switch Filter) is used to generate different views.

Non-prioritised view

The non-prioritised view is for the university members. They have the opportunity to switch the view for seeing the Ideas of the whole platform or the Ideas of their specific university. If

the switch filter is not activated the user can see the Ideas of the whole platform. Otherwise, if it is activated, the user is able to see only the Ideas of his or her university.

Prioritised view

There is a prioritised view for the user roles administrator, site-manager and consortium member. They are able to activate all switch views for each university. Therefore, they can see the Ideas of each university if they activate the filter (only possible to activate one filter at the time) or the Ideas of the whole platform (activate no filter).

Special case

The external types one and two are not allowed to use the switch filter, since they do not belong to a specific university. Hence they cannot see the switch filter.

6.8.2 Quicktabs und Add Idea Button

With the quicktabs users can filter the listed ideas by different categories. For example the user can filter by the most popular ideas. The listing here depends on the number of views. Also a user can filter by the latest ideas. Last but not least filters according to the most comments and votes are possible, too.



These filters are implemented with the help of views. The pager which is configured in the views ensures that ten items appears at one page. Also a no results behaviour is constituted within the views. If no idea has been posted to one of the filters yet, a message appears that says "There are no ideas yet. Why not add an idea?". The styles are adapted with CSS.

Popular Ideas

Term	Value
Title	Ideas
Format	Unformatted list
Show	Fields
Fields	Content: Idea image Content: Title Content: Body Content: Title (Challenge) Field: Vote Content statistics: Total views Content: Comment count
Filter criteria	Content: Published or admin (flag) Flags: Flagged (False) Content: Type (=Idea) Content: University Content: active (=On)

Latest Ideas

Term	Value
Title	Ideas
Format	Unformatted list
Show	Fields
Fields	Content: Idea image Content: Title Content: Body Content: Title (Challenge) Field: Vote Content statistics: Total views Content: Comment count
Filter criteria	Content: Published or admin (flag) Flags: Flagged (False) Content: Type (=Idea) Content: University Content: active (=On)
Sort criteria	Content: Post date (desc)

Most Commented Ideas

Term	Value
Title	Ideas
Format	Unformatted list
Show	Fields
Fields	Content: Idea image Content: Title Content: Body Content: Title (Challenge) Field: Vote Content statistics: Total views Content: Comment count
Filter criteria	Content: Published (Yes) Content: Type (= Idea) Content: Comment Count (> 0) Content: active (= On)
Sort criteria	Content: Comment count (desc)

Best voted Ideas

Term	Value
Title	Ideas
Format	Unformatted list
Show	Fields
Fields	Content: Idea image Content: Title Content: Body Content: Title (Challenge)

	Field: Vote Content statistics: Total views Content: Comment count
Filter criteria	Content: Published or admin (flag) Flags: Flagged (False) Content: Type (= Idea) Content: University Content: active (= On)
Sort criteria	Vote:vud_widget (desc) Vote:votingapi_tag (desc)

6.8.3 Add Idea Button

At the bottom of the idea page an “Add Idea”-block (Add Idea block for Challenge Page) is located, which is implemented at *admin/structure/block* and only visible to users that are logged in. This block contains a links that leads to the create idea form and is styled with CSS in the button style of the platform.

6.9 Detailed Idea Page

On the detailed idea page the idea is displayed with all the specific information that was entered on the „Add Idea“- page (6.5).

6.9.1 Switch View



This part of the page lets internal users choose the internal view, where they find internal information that was specified in the **Fehler! Verweisquelle konnte nicht gefunden werden.** (6.4) process. Further information about the Switch view can be found in the Switch View (5.5.2.2.1.6.1) chapter.

6.9.2 Related Challenge

On top of the sidebar the related challenge is displayed. Every idea always belongs to exactly one challenge. By clicking on the link the user gets redirected to the respective challenge page.



Low share of girls among Information Systems
Bachelor students

6.9.3 Add comment button

Below that is an option to add a comment to the challenge. Further information on comments can be found in the chapter **Fehler! Verweisquelle konnte nicht gefunden werden.** (5.4).

Add Comment

6.9.4 Up- and downvote ideas

Below that is an option to up and downvote the ideas in order to later create a ranking of all ideas belonging to one challenge.

Phase	Up- and downvote idea possible?
Ideation	No
Reviewing	No
Voting	Yes
Closed	No

6.9.5 Idea Statistics

Here, a compact overview of statistics regarding the ideas for the challenge is displayed. Further information about the idea statistics block can be found in chapter **Fehler! Verweisquelle konnte nicht gefunden werden..**

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6.9.6 Idea Tags

Here, all the ideas that have been specified in the process of creating an idea are displayed.

Further information can be found in the chapter **Fehler! Verweisquelle konnte nicht**

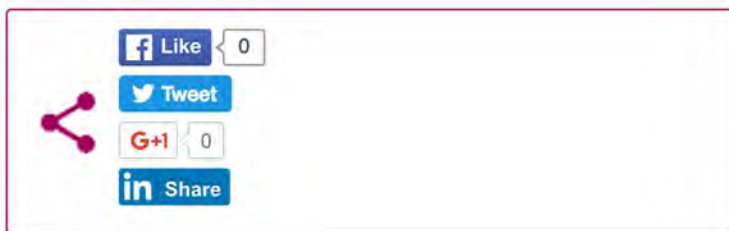
Idea Tags

Staff/researchers/prospective students >
Degree choice

gefunden werden..

6.9.7 Social Sharing

The last block in the sidebar is the option to share the challenge on social media. This option is provided by the module Social Buttons (social_buttons).



6.9.8 Comment Block

The “Add Comment”-block (Add comment) is located at the sidebar of the challenge overview page. When clicking on the block the page scrolls down to the comment form. The block is only visible to users who are logged in and can post a comment to an idea or a challenge. The block can be found at *admin/structure/block*.

6.10 Rankings

The Rankings Page belongs to the platform’s gamification and is divided into two parts, the “Top Universities” and the “Top Users”. It is not visible for anonymous user (see menu_item_visibility).

6.10.1 Top Universities

This section lists the three best universities concerning the earned and aggregated userpoints of the specific university’s members. The table is a block which is created with the help of views (Top University). In addition, the module “views_aggregator” is used, which aggregates the values of the specific university members to one unity.

Format

The chosen format is a table with aggregation options. It is necessary to indicate the fields before adapting the format settings.

Field	Group aggregation	Description
-------	-------------------	-------------

University	Group and compress	The users are grouped into their user roles and compressed to an integrated unity (the university).
Total Points	Sum	The sum of the userpoints earned by the above mentioned unity.

Fields

Label	Field	Description	Aggregation settings
University	User Roles	Doctoral cap in different colours (descending with the userpoints: gold, silver, bronze), imbedded in CSS. The names of the “Top Universities”.	Group results together (unity = group)
Total Points	Userpoints	The sum of the userpoints earned by the above mentioned unity.	Sum

Filter criteria

In the table, there are treated university members only. External Types one and two, Administrators, Consortium Members and Site-Managers are excluded, even if they belong to a university.

Sort criteria

The table is sorted descending by the userpoints, so the university with the highest amount of earned userpoints is on the first place.

Pager

The table displays only the three best universities.

6.10.2 Top Users

This section lists the three best members concerning their earned userpoints. The table is a block which is created with the help of views.

Switch Filter

The Switch Filter (see 5.2.2.3.1 Switch Filter) is used to generate different views.

Format

The chosen format of the Top Users’ visualisation is a table.

Fields

Label	Field	Description
“Image”	User: Picture	User Image of the specific “Top User”

First Name and Last Name	User: Name	The name of the specific “Top User”. There are only university members included (External Type 1 & 2, Administrators, Consortium Members and Site-Managers are excluded, even if they belong to a university)
Total Points	Userpoints total: Current total points	The earned userpoints by the “Top User”

Filter criteria

In the table, there are considered only university members and External Types one and two. Administrators, Consortium Members and Site-Managers are excluded, even if they belong to a university.

Sort criteria

The table is sorted descending by the userpoints, so the user with the highest amount of earned userpoints is on the first place.

Pager

The table displays only the three best users.

6.11 About

The about page is a basic page filled with information about the CrowdEquality platform and the EQUAL-IST project.

6.12 Statistics

The statistics page was created in the backend, the whole content was created using the module (see 5.11). It includes information about the activity on the platform, numbers of users, and information regarding nodes. For further information view the documentation of the module.

6.12.1 My Account

6.12.1.1 Profile

Each registered user has a user profile in which the most relevant information about him is displayed. Most of this information is added to the platform during the registration process (view user_module; 5.9), including name, user name, password, gender, age, occupation and

country of residence. In addition to that, a user can add a user picture and a bio directly in the edit form of their user profile.

On their profile page it is also displayed since when a user has been a member of the platform.

Recommendable Settings for the bio field are:

Field	Value
Machine Name	field_bio
Field Type	Long text
Widget	Text area (multiple rows)
Required field	Disabled
Display in	None
Text processing	Plain text
Rows	5
Default value	None
Permissions	Public (author and administrator can edit, everyone can view)
Number of Values	1

6.12.1.2 Overview rewards

Within the user profile, there is a link which leads to the overview page that contains a table with all implemented rewards. This table is a block, which fills a whole page.

Page Title: Rewards

Path: /rewards

Block Title: Rewards

Path: structure/block/manage/block/24/

6.12.1.3 Completed Goals

Users can see their received goals in a grid in their user profiles. The grid is a block which is created with the help of views. It is a simple block of images and titles for the goals the current user has completed.

View name: Goals completed by User

Path: structure/views/view/goals_completed_by_user

Completed Goals

Here you can find further information about the rewards that you can receive while contributing on the crowdsourcing platform!



Format

The chosen format is a grid. There are six items in a column, which are aligned horizontally.

Fields

Field	Description
Goal: Goal Image	The image of the specific goal Image style: Thumbnail (see Image Styles)
Goal: Title	The title of the specific goal

Pager

The table displays all items. At most, the grid comprises 12 fields (according to the 12 reachable goals). If more goals are added, the maximal value of fields increases automatically.

Contextual filters

There has to be set a contextual filter which links the view with the specific user, who has reached the goals. This contextual filter must have a relationship (see 3.5 Relationships) with the Goals completed by users.

Relationships

There has to be set a relationship with the goals – completed by users. So that only the reached goals of the specific user are displayed.

No results behaviour

If the user has not reached any goals yet, there appears a message in form of an unfiltered text “You did not receive any goal yet. Start contributing on the crowdsourcing platform now.” The styles are adapted with CSS.

6.12.2 Content Views

The user’s contribution is displayed on his profile page. These contribution is listed in three different views, which are explained detailed in the following tables:

Published Content

Term	Value
Title	User page: User ideas
Format	Unformatted list
Show	Fields
Fields	Content: Challenge image Content: Idea image Content: Title Content: Body Content: Title (Challenge) (Content entity referenced from field_challenge_ref) Content statistics: Total views Content: Comment count Field: Vote Content: Status (Phase) Content:Type
Filter criteria	Content: Published (yes) Content: Type (in Challenge, ...)
Sort criteria	Content: Post date (desc)
Pager	Full Paged, 20 items
Advanced section	
Contextual filters	Content: Author uid
Relationships	Flags: Content flag (by any user) Entity Reference: Referenced Entity Content: Author

No results behaviour	Global: Unfiltered text ("This user has no published content or you do not have the permission to view it.")
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Commented Content

Term	Value
Title	My commented ideas
Format	Unformatted list
Show	Fields
Fields	Content: Challenge image Content: Idea image Content: Title Content: Body Content: Title (Challenge) (Content entity referenced from field_challenge_ref) Content statistics: Total views Content: Comment count Field: Vote Content: Status (Phase) Content: Type
Filter criteria	Content: Published (yes)
Sort criteria	Content: Post date (desc)
Pager	Full Paged, 20 items
Advanced section	
Contextual filters	Content: User commented
Relationships	Flags: Content flag (by any user) Entity Reference: Referenced Entity Content: Author
No results behaviour	Global: Unfiltered text ("This user do not commented on any content or you do not have the permission to view it.")

Voted Content

Term	Value
Title	My voted ideas
Format	Unformatted list
Show	Fields
Fields	Content: Challenge image Content: Idea image Content: Title Content: Body Content: Title (Challenge) (Content entity referenced from field_challenge_ref) Content statistics: Total views Content: Comment count Field: Vote Content: Status (Phase)

	Content:Type
Filter criteria	Content: Published (yes)
Sort criteria	Content: Post date (desc)
Pager	Full Paged, 20 items
Advanced section	
Contextual filters	Content: User commented
Relationships	Flags: Content flag (by any user) Entity Reference: Referenced Entity Content: Author
No results behaviour	Global: Unfiltered text ("This user has no voted content or you do not have the permission to view it.")