Team 35: Grooper

Emmy Sjöstrand

Fredrik Wegelid

Ha Sun Chung

Michael Wong

Project Description: Grooper is a web application that helps students find groups for courses. It uses a "Poll" interface to find the groups and match the teammates. When a user creates a poll, the creator can give a short description of his/her group's project. To help with the choosing process, the creator can add questions as an "Application form" to the poll which will be asked to the other. Users who are interested in the group after viewing the description will submit their responses to the application form. Then the creator of the poll can choose his/her teammates from the list of applicants. Once all the teammates are confirmed, the group is closed and the poll is removed.

Features and requirements

General (5)
- Responsive design using Bootstrap
- A database will be used to store information and interact with the front-end
- Search for courses
- Autocomplete when searching for courses
- Course information is retrieved using Cobalt API

Account management (7)
- Only student accounts
- Account creation
- Send an email to confirm the correct email address
- Form validation (mandatory name, email, phone number and 2 passwords must match the patterns and the passwords must match)
- Hash the passwords
- Session management
- (X) Reset password via email (when the user requests)

Profile page (6)
- Display all the information about the user
- Change name/email address/phone number
- Change password
- Change course history
- Form validation (mandatory values for changing profile information must match the patterns)
- Delete account

Dashboard (4)
- Display my activities (polls created by the user, applications the user submitted, closed groups of the user)
- Allow the user to access each category (polls, applications, groups management)
- Display the status of each activity (i.e. new applicant submitted an application form for my group, invitation received, group closed)
- Sort in the order of the recency on changes (i.e. added, invitation received)

Course page with list of open polls (7)
- Display all the polls for the course
- Display poll with a title, the creator of the poll, date of creation, and how many spaces are left in the team
- Sort the polls in the order of recency (the most recent poll is shown at the top)
- Navigate the user to the poll which displays the group's description and the application form
- User can add a new poll

- Polls which lead to a confirmed group are considered closed and removed from the page
- The polls are removed at the beginning of each semester

Poll page (9)

- (X) Allow group creation/join for subsequent assignments in one course
- Display project title, description, creator of the poll, how many spaces are left in the team
- Display the application form with requirements and questions made by the creator of the poll
- Questions can be multiple choice or open questions
- Submit the form once the user clicks on the submit button
- Block the users from submitting their forms if the questions are not answered
- Block the user from applying to his/her own poll by sending the user to manage the poll
- Block the users from joining other groups once they are accepted
- User can edit his/her responses to the poll

Manage polls created by me (11)

- Display project title, description, team size, application form, and the list of applicants with their answers to the application form
- Edit project title, description, team size and application form
- Remove the candidate if he/she joined another group from the list
- Invite the teammates from the list
- The teammates are decided on first-accept invitation-first-served
- Notify the candidate who is invited to the team
- Notify the creator if an additional candidate is interested in the group
- (X) Send an email to the user who is chosen as a teammate
- Delete a poll
- Form validation (mandatory title, description, size of the group)
- (X) Allow creators to change the appearance of the polls when creating it

Manage my Closed groups (6)

- Display the project title, description, creator of the poll, team size, and the group members
- (X) The user can leave the group, with an optional message
  - The other members of the group are notified
- (X) The owner of a group can disband it, with an optional message
  - The members of the group are notified
- (X) The owner of a group can change the ownership of the group
- Notify all the group members when the group is formed
- Users who accepted the invitation from the group owner are added to the group

My Applications (9)

- Display if the group is closed

- Delete the applications for the closed groups by clicking the item
- The user can view his/her responses
- The user can edit his/her responses
- Ask the user who is accepted to the group whether he/she will accept or reject the invitation
- Add the applicant to the group if he/she accepts the invitation
- If the invitation to the group is accepted, the application is moved from the list to the closed groups category
- If the invitation to the group is rejected, the application will be removed from the list
- The owner of the group is notified of the decision