

## Team 35: Grooper

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**Project Description:** Grooper is a web application that helps students find groups for courses. It uses a poll interface to find groups. 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 to the poll which will be asked to the applicants. A group is formed with the applicants that the creator of the poll chooses.

# Features and requirements

## General (2)

- Responsive design
- A database will be used to store information and interact with the front-end. The type of database will be determined at a later point.

## Account management (6)

- Only student accounts
- Account creation (email, phone number, name, password x2, courses currently enrolled in and optional, program, year)
- Send an email to confirm the correct email address
- Form validation (make sure required fields are completed and passwords match)
- Hashing the passwords
- (X) Reset password via email (when the user forgot)

## Profile page (5)

- Profile page displays all the information about the user
- Change password
- Change email address/phone number/name
- Delete account
- Manage courses (add, delete, change course history)

## Dashboard (8)

- Display my groups, my polls and my applications (most recent)
- Display notifications on the navigation bar
- Send the user to “Manage polls created by me”
- Send the user to “Manage my Completed groups”
- Send the user to “My applications” page
- Search for courses
- Autocomplete when searching for courses
- Sort in the order of the recency on changes (i.e. added, invitation received)

## Course page with list of open polls (8)

- See a list of all polls in this course
- Course information is retrieved using Cobalt API
- Display poll with a title, the creator of the poll, date of creation, and how many spots are left in the team
- Sort the polls in the order of recency (the most recent shown at the top)
- Click on each poll to navigate to the poll page
- User can add a new poll
- Polls which lead to a completed group are considered closed and removed from the page
- The polls are removed at the beginning of each semester

## Poll page (10)

- (X) Allow group creation/join for subsequent assignments in one course
- Display Title, Long description, creator of the poll, how many spots are left in the team
- Display the Signup 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 their own poll
- If it's your own poll, there is a link to manage the poll
- Block the users from joining other groups once they are accepted
- (X) The user can edit his/her responses

## Manage polls created by me (12)

- Edit poll title, description, team size and signup form
- Display the list of candidates with their answers to the signup form
- Remove the candidate if he/she joined another group from the list
- Choose the teammates from the list
- Notify the candidate who is chosen as a teammate
- Notify 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
- Send to "My groups" if the group is confirmed
- Form with title, long description, questions, size of the groups
- Form validation (mandatory title, description, size of the group)
- (X) Allow creators to change the appearance of the polls when creating it

## Manage my Completed groups (6)

- Display the group information
- The user can leave the group, with an optional message
  - The other members of the group are notified
- 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
- Manually add a teammate outside the poll
- Notify all the group members when the group is formed

## My Applications (9)

- Display if the group is closed
- Applications for the closed group can be deleted by the user
- The user can view his/her responses
- (X) 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
- The owner of the group is notified of the decision
- If the invitation to the group is rejected, the owner of the group can choose another candidate from the pool