

## 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 using Bootstrap
- A database will be used to store information and interact with the front-end

## 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)
- 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
- Display notification on the list item if any changes occurred (i.e. new applicant who wishes to join my group, invitation received)
- 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 (13)

- Edit poll title, description, team size and signup form
- Display the list of candidates with theirs answers to the signup 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
- 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 (5)

- Display the group information
- (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

### My Applications (8)

- 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