**Team-Up!**

**(Sprint Document 2)**

**https://github.com/srhee91/Team-Up**

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**Sprint Document**

**Sprint Overview:**

* This sprint, we would like to
  + Create the chat system for users
  + Allow users to search for groups
  + Let group admins perform group maintenance, such as kicking members, creating meetings, etc.
* Team Leader: Sang Rhee
* Scrum meeting : Thursday at 7:00 PM in Lawson Building
* Risks/challenges
  + Come up with an efficient algorithm for search function
  + Smooth interactions between users using chat system

**Current Sprint Detail:**

* User stories to be implemented in this sprint
  + (if time allows) As a user, I would like the application to display group recommendations based on user’s preference.
  + As a user, I would like to be able to search for groups.
  + (if time allows) As a user, I would like the group search bar to auto-complete as I type in letters.
  + As a group admin, I would like to be able to organize group meetings.
  + As a group admin, I would like to be able to kick members out of a group.
  + As a group admin, I would like to be able to pass ownership of a group to someone else.
  + As a group admin, I would like to be able to disband a group.
  + As a group member, I would like to be able to chat with members of my group within the application.
  + As a group member, I would like to be able to refresh group pages.
  + As a group member, I would like to be able to leave a group.
  + (if time allows) As a user, I would like to be able to upload images to my profile.
  + As a user, I would like to be able to edit my preferences.
  + As a user, I would like my data to be secure.
  + As a user, I would like the group chat to update automatically.
* Tasks
  + Application

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| --- | --- | --- |
| User Story | Team Member | Hours |
| Implement search functionality   * Create a page that contains the search bar and display results * Create search algorithm | Sang | 30 |
| Implement an interface to create group meetings   * Create a page that lets an admin create group meetings * Notify users about upcoming meetings | Trevor | 30 |
| Implement Members button in Group class   * If current user is an admin, Members button appears and allows to kick users or transfer admin status in the group | Bo | 30 |
| Implement group disband functionality   * Create a button that lets the admin to leave a group * If there are still users in the group, pass leadership to the oldest member * If the admin is the last member when he leaves, the group is deleted | Trevor | 10 |
| Implement Chat class   * Display chat system within members in same group | Kartik | 30 |
| Implement Refresh function   * Allow application to refresh every 5 seconds | Kartik | 10 |
| Implement leave group functionality   * Create a button that lets a user to leave a group | Bo | 10 |
| Implement functionality that lets a user change his/her preferences   * Create a page that lets you add/remove preferred group categories | Yiyang | 10 |
| Implement a page that shows recommended groups to a user   * Display recommended groups based on the user’s preferences * Display nearest groups based on geolocation (if applicable) | Yiyang | 30 |
| Implement functionality to let users invite friends to their group   * Create a page that lets you type multiple emails | Sang | 20 |
| Implement functionality to let a group admin change the group’s public/private setting   * create a button in group page that will let admin to change the public/private setting of the group | Kartik | 10 |
| Implement auto-complete functionality on the search bar   * Search bar will auto-complete to existing category names | Travis | 20 |
| Implement functionality to let group admins change the group’s profile picture.   * Create Edit Profile button to upload and change pictures with | Travis | 10 |

* + Server

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| --- | --- | --- |
| User Story | Team Member | Hours |
| Implement more database security measures   * Restrict access to rows and tables based on User roles and which users are trying to access it | Travis | 10 |

* + Total Hour
    - Sang – 50hrs
    - Trevor – 40hrs
    - Bo – 40hrs
    - Kartik – 50hrs
    - Yiyang – 40hrs
    - Travis – 40hrs
    - Total – 260hrs (65hrs/week)

**Backlog Requirements:**

* (~~Done~~) (Need to be done in this sprint) (Not done)
* Functional Requirements
  + Main
    - ~~As a user, I would like to be able to create an account and log in.~~
    - (if time allows) As a user, I would like the application to display group recommendations based on user’s preference.
    - ~~As a user, I would like to be able to see the groups that I am in.~~
    - ~~As a user, I would like to be able to create groups.~~
    - As a user, I would like to be able to search for groups.
    - (if time allows) As a user, I would like the group search bar to auto-complete as I type in letters.
  + Group
    - ~~As a group admin, I would like to be able to add/edit the settings (logo, description, privacy, etc.)~~
    - As a group admin, I would like to be able to organize group meetings.
    - As a group admin, I would like to be able to kick members out of a group.
    - As a group admin, I would like to be able to pass ownership of a group to someone else.
    - As a group admin, I would like to be able to disband a group.
    - ~~As a group member, I would like to see other members of my group.~~
    - As a group member, I would like to be able to chat with members of my group within the application.
    - As a group member, I would like to be able to refresh group pages.
    - As a group member, I would like to be able to leave a group.
  + Profile
    - ~~As a user, I would like to be able to add/edit my profile information.~~
    - (if time allows) As a user, I would like to be able to upload images to my profile.
    - (if time allows) As a user, I would like to be able to find my Facebook friends.
    - (if time allows) As a user, I would like to share documents with other users.
  + Setting
    - As a user, I would like to be able to edit my preferences.
    - As a user, I would like to be able to edit privacy setting.
    - ~~As a user, I would like to be able to change my password.~~
    - ~~As a user, I would like to be able to delete my account permanently.~~
* Non-Functional Requirements
  + ~~As a user, I would like to use the app on iPhones.~~
  + ~~As a user, I would like the application to be able to run in the latest version of iOS.~~
  + As a user, I would like the application to be robust.
  + ~~As a user, I would like the application to be intuitive and easy to learn and use.~~
  + As a user, I would like my data to be secure.
  + As a user, I would like the group chat to update automatically.
  + (if time allows) As user, I would like the application to be able to automatically identify my current location.
  + The application will be able to hold up 20 GB of user data.
  + The application will be able to handle 30 requests per second.
  + The application will be able to have 1 million user accounts.