

# 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

User Story	Team Member	Hours
Implement search functionality <ul style="list-style-type: none"> <li>• Create a page that contains the search bar and display results</li> <li>• Create search algorithm</li> </ul>	Sang	30
Implement an interface to create group meetings <ul style="list-style-type: none"> <li>• Create a page that lets an admin create group meetings</li> <li>• Notify users about upcoming meetings</li> </ul>	Trevor	30
Implement Members button in Group class <ul style="list-style-type: none"> <li>• If current user is an admin, Members button appears and allows to kick users or transfer admin status in the group</li> </ul>	Bo	30
Implement group disband functionality <ul style="list-style-type: none"> <li>• Create a button that lets the admin to leave a group</li> <li>• If there are still users in the group, pass leadership to the oldest member</li> <li>• If the admin is the last member when he leaves, the group is deleted</li> </ul>	Trevor	10
Implement Chat class <ul style="list-style-type: none"> <li>• Display chat system within members in same group</li> </ul>	Kartik	30
Implement Refresh function <ul style="list-style-type: none"> <li>• Allow application to refresh every 5 seconds</li> </ul>	Kartik	10
Implement leave group functionality <ul style="list-style-type: none"> <li>• Create a button that lets a user to leave a group</li> </ul>	Bo	10
Implement functionality that lets a user change his/her preferences <ul style="list-style-type: none"> <li>• Create a page that lets you add/remove preferred group categories</li> </ul>	Yiyang	10
Implement a page that shows recommended groups to a user <ul style="list-style-type: none"> <li>• Display recommended groups based on the user's preferences</li> <li>• Display nearest groups based on geolocation (if applicable)</li> </ul>	Yiyang	30
Implement functionality to let users invite friends to their group <ul style="list-style-type: none"> <li>• Create a page that lets you type multiple emails</li> </ul>	Sang	20
Implement functionality to let a group admin change the group's public/private setting <ul style="list-style-type: none"> <li>• create a button in group page that will let admin to change the public/private setting of the group</li> </ul>	Kartik	10

Implement auto-complete functionality on the search bar <ul style="list-style-type: none"> <li>Search bar will auto-complete to existing category names</li> </ul>	Travis	20
Implement functionality to let group admins change the group's profile picture. <ul style="list-style-type: none"> <li>Create Edit Profile button to upload and change pictures with</li> </ul>	Travis	10

○ Server

User Story	Team Member	Hours
Implement more database security measures <ul style="list-style-type: none"> <li>Restrict access to rows and tables based on User roles and which users are trying to access it</li> </ul>	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.