**Team-Up!**

**(Sprint Document 1)**

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

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**Sprint Document**

**Sprint Overview:**

* This sprint, we would like to have
  + The UI completely finished.
  + Setup Parse database and enforce all key constraints
  + Establish a connection between the frontend and Parse
  + Implement server-side functions that return relevant information and allow the application to make changes to the database.
* Team Leader: Sang Rhee
* Scrum meeting : Thursday at 7:00 PM in Lawson Building
* Risks/challenges
  + Implementing the Parse SDK into the iOS application
  + Ensuring key constraint are maintained in the database

**Current Sprint Detail:**

* User stories to be implemented in this sprint
  + 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 group admin, I would like to be able to add/edit the settings (logo, description, privacy, etc.)
  + As a user, I would like to be able to add/edit my profile information.
  + 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.
  + 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.
* Tasks
  + Application

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| --- | --- | --- |
| User Story | Team Member | Hours |
| Implement complete GUI   * create all pages whether their functions work properly or not | Kartik | 20 |
| Implement MyGroup class   * Request a user’s groups from the server * Display a list of groups that the user is currently in | Kartik | 10 |
| Implement CreateGroup class   * Add a button on MyGroup class that goes to CreateGroup class * Prompt user for group details * Send information to server and pull information to create a group | Kartik | 10 |
| Implement GroupSetting class (page only for admin)   * Implement button that enables the admin to modify the text of the description * Implement button that enables the admin to modify the privacy setting of group * Implement button that enables the admin to modify the picture of group | Bo | 10 |
| Implement MyProfile class   * Add buttons that allow the user to edit information about their profile * Request a user’s information from the server * Send modified user’s information to the server | Bo | 10 |
| Implement ChangePassword class   * Create a page that verifies old password and enables user to make a new password * Send new password to server * Receive value of success/failure and display popup | Bo | 10 |
| Implement DeleteAccount class   * Create a Delete Account button in settings * Send request to delete account * Receive value of success/failure and display popup * Redirect user to login page | Bo | 10 |

* + Server

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| --- | --- | --- |
| User Story | Team Member | Hours |
| Create the database   * Setup all relations * Create ‘beforeSave’ functions that ensure key integrity is maintained | Yiyang | 40 |
| Implement change password functionality   * Create server-side function to handle changing a user’s password | Travis | 20 |
| Implement function that returns a user’s groups   * Create a server-side function that returns a list of all groups the user is in | Trevor | 20 |
| Implement a function that changes group description   * Create a server-side function that allows an admin to change the description of his/her group | Sang | 20 |
| Implement function that changes group privacy   * Create a server-side function that allows an admin to change the privacy setting of his/her group | Travis | 20 |
| Implement function that deletes a user account   * Create a server-side function that deletes a user’s account | Trevor | 20 |
| The database can update user information   * Create server-side functions that the client application can call to store/update username, password, birthday, email, group preferences, groups, and friends | Sang | 20 |

**Backlog Requirements:**

* 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.