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

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

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.
    - ▪ <u>As a user, I would like to be able to see the groups that I am in.</u>
    - ▪ <u>As a user, I would like to be able to create groups.</u>
    - ▪ 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.