

Team-Up!

(Sprint 1 Retrospective)

<https://github.com/srhee91/Team-Up>

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Sprint Retrospective

What went well?

We completed almost all of our sprint objectives and didn't run into any major roadblocks. We successfully created an iOS frontend which interacts with our Parse backend. The app stores and retrieves all necessary information from Parse, and the UI is finished.

- Implement *MyGroup* class
 - MyGroup page is merged into MyProfile page. MyProfile page displays user's groups that are pulled from the backend. Page is reloaded every time the user views it.
- implement *CreateGroup* class
 - Button in group tab enables users to create groups. User provides group information and then pushes it to the server. On the next view controller, information of that group is pulled from the backend and members that are in the group are displayed.
- Implement *GroupSetting* class
 - Button that is only visible to the admin of the group allows for the user to change information of the group, such as group name and description.
- Implement *MyProfile* class
 - Displays current user's personal information and groups that current user has joined. Edit button was added to allow the current user to edit one's personal information.
- Implement *ChangePassword* class
 - ChangePassword page requests for password input and compare it to current user's password that is stored in the database. If the comparison was successful, an email that asks for new password input is sent to current user's email address.
- Implement *DeleteAccount* class
 - DeleteAccount page requests for password input and compare it to the current user's password that is stored in the database. If the comparison was successful, application sends current user's information to Parse for account to be deleted. Otherwise, application asks for the re-input of password.
- Create database
 - The database is successfully implemented in Parse backend. The database stores all the information about users, groups and categories.
- Implement a function that changes a user's current password in Server
 - Functionality already implemented in Parse API.

- Implement a function that returns a user's groups in Server.
 - This function was successfully implemented on client-side.
- Implement a function that changes group description
 - This function was successfully implemented on client-side.
- Implement a function that deletes a user's account.
 - Functionality already implemented in Parse API.

What did not go well?

- We spent a lot of time switching from Android development to iOS development. Since many of us didn't have MacBook, we had difficulty setting up a Macintosh virtual machine on our Windows laptops. Now we found out that there are Xcode installed in Purdue Mac machines, we've decided to move on and work on the Purdue Mac machines.
- We initially had four of us on the backend and two of us on the frontend because we thought that there will be more work to do on the backend. But due to the well-established API in Parse backend, the backend code wasn't necessary anymore. This caused an imbalance in our work distribution.
- Incomplete user stories
 - As a user, I would like to set a picture for my group.
 - We couldn't figure out how to put files onto Parse, so we couldn't implement this feature. For this upcoming sprint, we will focus more on learning how to accomplish this, or find an alternate solution.
 - As a user, I would like to be able to modify the privacy setting of my group.
 - We thought that this feature was not important for now, so we decided to remove this feature. However, we will keep this as an optional feature in case we might reconsider using it again.

How should you improve?

- We will have a meeting and discuss about the redistribution of the responsibilities of each member, and make sure everyone of us is given responsibility for adequate amount of work.
- For the next sprint, we will try not to add any more unfamiliar platforms to our project. That way, we don't need to waste more time trying to familiarize ourselves with new platforms.