

Team 18 - Sprint Overview

Study Buddy

SCRUM Leader: Andy Chen

Team Members: Abhijay Gupta, Joseph Miller, Nathan Scott, Zeb Wezensky

Meeting Schedules:

- During (former) CS307 class time (12:30p-1:20p)
- Saturday Afternoon Coding Session (2p-4p)

Overview:

In this sprint, we plan on finishing our app, testing it, improving usability, finishing any features not achieved from previous sprints, and making it robust. We also plan on enhancing the UI and make it look appealing.

1. As a user, I want to be able to specify whether I am looking for a group of students or just one.
 - a. Frontend: The user should be able to chat with an individual person, create a group chat, or add a person to group chat
(Andy, Nate, Zeb)(15 hours)
 - b. Acceptance: Given a chat page, when I try to chat with other people, I am able to chat with individual person, create a group chat or add a person to a group chat.
2. As a user, I want a “feed” of announcements about classes I’ve enrolled in.
 - a. Frontend: Create a UI interface based using the group chat methods to create a announcement page for courses
(Andy, Nate, Zeb)(15 hours)
 - a. Backend: Create functions to create, read, update, and delete announcements for individual classes.
(Abhijay, Joey)(10 hours)
 - b. Acceptance: Given a class, when I want to make a post to a class or read all posts to a class, I am able to.
3. As a user, I want to be able to post to the announcements feed for each of my classes.
 - a. Frontend: Users should be able to post to the announcement feed
(Andy, Nate, Zeb)(15 hours)
 - b. Acceptance: Given a class and some information I want to share about it, when I go to the course page, I can post that information and my classmates can view it.

4. As a user, I want to see students who are in the same classes as me.
 - a. Frontend: Need to create a course page and within it students should be able to see a list of other students.

(Andy, Nate, Zeb)(15 hours)

- b. Acceptance: Given a course, when I want to view the list of users in that course, I am able to.
5. As developers, we want our application to utilize a clean and professional user interface.

Frontend: The UI should be smoother with less pauses between each action.

More buffering/loading animation

After typing keyboard should disappear

(Andy, Nate, Zeb)(15 hours)

- a. Acceptance: Given a task to complete using the app, when I use the app to complete the task, I am able to with comfort and ease.
6. As a user, I want to be able to use the software with as few inconveniences and crashes as possible.
 - a. Frontend: Test application extensively and try to break, then fix if possible.

(Andy, Nate, Zeb)(15 hours)

- b. Acceptance: Given a StudyBuddy app, when I attempt to accomplish any reasonable task, then I am able to do so without the application failing.
7. As developers, we want our application to have no bugs if possible.
 - a. Backend: Write and run unit tests for database functions

(Abhijay, Joey)(10 hours)

- b. Acceptance: Given a database function, when I make a small change, then I am able to quickly run a suite of tests to confirm that nothing broke.

8. As a user, I want to be able to find a list of users taking a class or with a particular interest
 - a. Backend: Write query functions for retrieving user lists based on classes and interests

(Abhijay, Joey)(10 hours)

- b. Acceptance: Given a course or interest, when I want to retrieve the list of users taking the course or interested in the interest, I can get a correct list of users.
9. As a user, I want to be able to customize the look and feel of the application.
 - a. Become familiar with the frontend code base, learn about android UI theming, apply knowledge gained to implement look and feel customization.

(Abhijay, Joey)(30 hours)

- b. Acceptance: Given one of the available themes, when I want to switch to it, I can and the display updates appropriately.

Remaining Backlog

Functional:

1. As a user, I want to be able to report other users for inappropriate conduct.

Non-functional:

1. As developers, we want our application to be simple, straightforward, and easy to use with little to no introduction.
2. As users, we want our application to be as fast as possible without sacrificing features of the app.
3. As developers, we must be able to accommodate as many users as possible.
4. As developers, we want to store as little data on the client device as possible.
5. As a user, I want to be able to see all relevant information with minimal effort.
6. As a user, I want to always be able to access the app.
7. As a developer, I want to reduce server downtime as much as possible.