

1. Project Title and Authors

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2. Preface

This document is a guide to the details of our project management, outlining our plan, daily scrum meetings, and an overall sprint review. Through this documentation, we hope to provide insights into our development process. We will outline our sprint planning, listing all backlogged functionalities. Also, we will detail our daily scrum meetings, summarizing various team member's performances. Lastly, we will talk about our sprint review meeting, detailing various accomplishments and improvements throughout the project.

3. The Sprint Plan

a. Product Backlog: a list of all the backlogged functionalities, i.e. user stories still missing in your Android app, and extra features your team wish to implement, if given more time

- 1. Chat Feature
 - a. Allow access to classmate profile
 - b. Store Chat history
- 2. Display enrolled students in users' registered courses
 - a. Populate the list of students in a class
- 3. Review Course
 - a. Display reviews of a course before a user signs up
- 4. Missing Log out Functionality

b. Sprint Backlog: a subset of the Product Backlog that your team selected to work on in this sprint. While you have the flexibility to set the scope, the expectation is that, at the end of this sprint, you have a functional, bug-free system

- 1. Display Enrolled Students users' registered courses
- 2. Display reviews of a course before a user signs up
- 3. Log out functionality
- 4. Allow access to classmate profile in Chat

4. Daily Scrums

1. Meeting 1

- a. Jeffrey, Vincent, Charles
- b. 11/21 8-9pm
- c. Leavey Library
- d. Charles spearheaded the review/updates of Blackbox testing. Jeffrey spearheaded the review/updates of Whitebox testing. Vincent spearheaded the review of implementation and unmet features.
- e. We set expectations and meeting times for the sprint collectively.

2. Meeting 2

- a. Jeffrey, Vincent, Charles
- b. 11/23 6-8 pm
- c. Leavey Library
- d. We reviewed our product backlog, and then refined and delegated our spring backlog.
- e. Vincent will spearhead the implementation of the Logout Function (1 day).
- f. Charles (front-end), Vincent (back-end) will collaborate on Review Course (2 days)
- g. Charles will implement the display list of enrolled students in registered courses (profile)
- h. Jeffrey (back-end) will work on improving the implementation of chat display.

3. Meeting 3

- a. Jeffrey, Vincent, Charles
- b. 11/25 8-9pm
- c. Leavey Library
- d. Vincent successfully implemented Logout Function, allowing users to sign in with a different account without restarting the application/emulator.
- e. Charles brought up an impediment regarding Firebase failing to populate in the review course >> had to create a custom class to store review information
- f. Jeffrey is making progress on the documentation reading for fixing the chat display.

4. Meeting 4

- a. Jeffrey, Vincent, Charles
- b. 11/26 7-10pm
- c. Leavey Library
- d. Jeffrey has successfully finished the implementation of view profile from chat.
- e. Vincent successfully implemented a review course display. Had to update project SDK to 34 for compatibility issues.
- f. Charles begins working on display list of enrolled students.

5. Meeting 5

- a. Jeffrey, Vincent, Charles
- b. 11/27 8-10pm
- c. Leavey Library

- d. Final Edit trying to begin working on our chat functionality. Jeffrey started to work on implementing the chat functionality after the chat display had been finished.
- e. Vincent is making progress on making sure there are no bugs when the user is trying to switch pages from view profile.
- f. Charles is working on documentation and trying to finalize displaying the list of enrolled students for the course.

5. Sprint Review

a. During the Sprint, we planned to finish mainly the chat feature, logout and the review course feature. Sadly, the planned work that was not completed was the chat and review course feature. As a team, we have had time to reflect on our spring meeting and identified some actions that could help us with “process improvement”.

b.

1. We were able to implement our logout feature.
2. We tried to complete the chat feature and review course. But sadly we were not able to complete them. A main reason was that we were having trouble implementing the Firebase real time database for both chat and review course, mainly getting the authentication to work for those features in order for us to implement it in the code.
3. Despite not being able to finish the implementation for those features. As a team, we are really proud that we were able to help each other with bugs, features that we didn't understand how to implement and truly work together as a team rather than simply dividing and conquering the different tasks that we needed to do in order to finish the project. It felt like each member of the team truly wanted to be there for the other members when they were facing difficulties and not able to find solutions to issues that they were facing.
4. In terms of improvements that could be made going forward, I believe that the biggest improvement we could make could be for us to make meetings with updating and communicating with each other about work that we have done outside of the meeting. This way, we are all at the same page when the meeting begins and there would be no confusion about difficulties that we are each facing at that moment during the meeting. Furthermore, we felt that we could have spent more time reviewing and giving each other feedback on their work at the end of every meeting as it could help each other see the functionalities that we think should be implementing from each other rather just having your own perspective on what should be done.