

CIS 3760 Individual Accountability Report

Student Name: Sooraj Modi

Student ID: 0965941

Associated Team Deliverable: Sprint 3

Section: 1

Team: 6

What were the main technical or methodological concepts and/or skills that were required to complete this team deliverable? (bulleted list is preferred)

- Gitlab project management, issues, milestones, branches, burndown charts, wiki
- Android APIs
- Java
- Firebase and firebase libraries

What was your existing level of experience with these topics/skills before your team began working on this deliverable? (1-2 sentences)

I had a good grasp of the requirements for refactoring and improving the codebase as well as the code base overall. Further, I have experience working with GitLab and GitHub which really helped me better manage the project.

Comment on your individual academic, methodological, or technical learning during this deliverable, and what additional learning may be needed to understand or be more competent with these topics in the future.

One of the big things I learned on this deliverable was how to better use branches to work on different tasks and then to merge them. I dealt with a particularly rough merge, that took me some time to resolve, but this was invaluable experience in better understanding git branching. In the future I want to learn how to merge with main more frequently, instead of doing it all at the end. Second, I better learned the tools that come with Android studio. This includes tools to extract code, refactor names, optimize dependencies, reformat code, and a lot more. In the future, I would want to learn the features of Android studio better, in order to improve my workflow and increase efficiency.

What specific contributions did you make to this team deliverable? This should include technical or project management contribution

This sprint I worked on refactor parts of the code, reformatting inconsistent spacing, ensuring variable, function, and classes were consistently named, removing unused dependencies, restructuring our project directory, and more. In addition, I also lead the sprint planning meeting, setup the milestone, reviewed merge requests, and other project management related things.

With whom did you collaborate for any of the above contributions (be specific)

I did not collaborate with anyone on this.

Comment on how well you managed your time over the time period allocated in the Coursetimetable to this team deliverable (i.e. the time between the prior team deliverable to this team deliverable)

Yes, I managed my time well. I got started on it early and finished and merged the story before our final meeting the Friday before the demo. I managed my time much better than other sprints and want to continue this going forward.