

CIS 4250 – Software Design V
Instructor: Prof. S. Scott
Individual Accountability Report (IAR) Template

Note. Refer to the Project Manual for detailed instructions for IAR submissions.

Individual Accountability Report (IAR) Template

The following questions **MUST** be included and answered completely for each submitted IAR.

IAR must be submitted one of the following file formats: text or PDF.

Q1. Student Name: Tyler Ykema

Q2. Student ID: 1062564

Q3. Associated Team Deliverable: Sprint 1

Q4. Team #: 7

Q5. What were the main technical or methodological knowledge, skills and/or abilities (KSAs) that were required to complete this team deliverable? What prior courses or experiences (e.g. co-op, group project, etc.) from your Software Engineering degree did you draw on for these KSAs? (bulleted list is preferred):

- Agile and scrum development methodologies
- Knowledge of react native and building iOS applications using Xcode
- Development collaboration methods such as pair programming and code reviews

Q6. What was your existing level of experience with these topics/skills before your team began working on this deliverable? (1-2 sentences):

I am very familiar with the agile/scrum methodologies and development collaboration skills from previous classes and some of my coop workplaces. My skills with react native have been increasing since sprint 0 but are still an area where I could improve.

Q7. Comment on your individual KSAs learning during this deliverable, and what additional learning may be needed to understand or be more competent with these topics / tasks in the future?

I have learnt how react native apps are configured and built on the MacOS operating system and how the CocoaPods dependency manager is used to install and maintain dependencies required for a project. I also learned a lot about the inner workings of react native as a language and how to add to and manipulate existing code bases.

Q8. What specific contributions did you make to this team deliverable? This should include technical or project management contributions.

For this sprint I was tasked with building the UI for the new sign up and login pages. I was able to complete these tasks without much trouble. After this was complete we had to integrate these new UI pages with the Firebase backend that would handle the authentication for users. We had trouble at this stage reloading the app and displaying the applications home page to the user. We were able to get this feature working for the sign up page but were not able to get the similar logic on the login page working.

Q9. With whom did you collaborate for any of the above contributions (be specific – saying “all team members” is not sufficient. State which parts you worked on with whom)?

For this sprint I mainly collaborated with Parth Miglani since the other team members, who are working on windows devices had issues with building the app on their devices. I built the UI for this sprint and Parth got the integration working with Firebase. Once these two tasks were working, we used pair programming to combine these features together.

Q10. Comment on how well you managed your time over the time period allocated in the Course timetable to this team deliverable (i.e. the time between the prior team deliverable to this team deliverable).

Our team made some good progress this sprint but we were inconsistent at committing time to work on these new additions to the application. This, along with our windows based developers experiencing installation issues ultimately lead to the team being further behind then initially planned.