

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: Parth Patel

Q2. Student ID: 1047507

Q3. Associated Team Deliverable: Sprint 2

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):

- Understanding the React Native framework and how it builds Android apps
- Android app structure and dependencies
- Scrum techniques
- Firebase database requests

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

From the previous sprint, I was a little versed in how React Native builds apps but I was unfamiliar with the specifics of Android app builds. I am familiar with Scrum techniques and the Firebase database.

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?

To build the Android app I had to do further research on React Native and go more in depth than I did last sprint. This also meant I had to research how React Native builds dependencies for Android app. For Scrum techniques, I had refreshed myself with a few readings. I also read the Firebase documentation to remember how to make requests to the database and what the best practices were.

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

I worked on getting the Android app up and running. I was able to sort the dependency issues and create a stable version for our app. I then helped others get the app running on their individual machines as well. I helped set up and save articles to the Firebase database. This was a part of one of stories to save articles in lists for users. I specifically did the post requests to the database, connecting the UI and the database. I also worked on Sprint 2 demo preparations and contributed to the sprint retrospective.

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)?

I worked independently to get the Android app set up and running, but once I was able to do that, I worked with Mahimna and Alex to get it running on their machines. This included things like sharing a document of steps to follow to build the Android app and spending time on virtual meetings to address the specific errors they were facing. I set up the connection with the app and the database. This helped with the save articles features, on which I worked with Parth M. to set up and save articles to the database. This required some communication with Tyler who had created the UI.

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).

We were able to complete the majority of tasks we had planned this sprint. I had to give time to the Android build before the sprint had officially began (i.e. reading week) to get it running on time. The Android build took an unexpected amount of time to resolve. Not everyone was able to get the build running and it was because of this underestimation we were unable to complete every task that was planned.