

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 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):

- Understanding the React Native framework and what how it builds iOS and Android apps
- Scrum techniques

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

React Native I had learned a little more about from the previous sprint, but I was unfamiliar with how the framework builds both iOS and Android apps. I have had experience with general Scrum techniques, but I have not practiced Scrum with the Agile Coach and Product Owner roles.

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 read many of the manuals provided by React Native and watched tutorials too. The goal with this learning was to build the iOS app on my Windows machine. Running an iOS app on a Windows machine can be broken down into two major steps. First is to successfully build the app (without Xcode) and secondly to run an iOS simulator on Windows. The second step I believe I have figured out with EAS, Expo's cloud service, but the first step still requires further research. The Scrum roles, I did some reading on and I believe I understand their responsibilities. I now need to practice them.

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

I worked on setting up the iOS build on Windows machines and running an iOS simulator on Windows as well. This is not a complete contribution as I was unable to successfully build an iOS app on Windows. I then helped with the Sprint 1 demo preparations. This included preparing the presentation, talking points, and coverage of our features. I helped manage our GitLab tracking measures. I helped a little with organizing our tasks to adhere to Scrum techniques and confirming it with the group. I also set up our Wiki pages and our 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 with Alex on building the iOS app on Windows. For the Sprint 1 demo preparations, I worked mainly with Mahimna while confirming details with the rest of the team. For organizing our tasks, I mostly just reviewed and made a few small changes to our issue tracking tools after confirming changes with the team. The Wiki page I set up, while the whole team contributed in filling out the specific details.

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 a major feature we had planned to start with but despite this my time could have been managed more effectively. Running out of time to set up the iOS app on a Windows machine meant I was not able to contribute to the development of the app this sprint.