

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: Initial System Design & Product Backlog Creation (Sprint 0)

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 of React Native and best practices for app structure to analyze the current state of application and provide appropriate design recommendations
- UML diagrams and how to depict the application with class diagrams
- How to construct user stories and

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 little to know experience with before starting this project. UML class diagrams I have made before so I was familiar with the concept. I also have had experience constructing user stories.

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?

For React Native, there was quite a bit of preliminary reading I had to complete to better understand this framework. Fortunately, my team members had some knowledge and were able to take the lead this time, but I still need to prepare more to contribute effectively. UML diagrams I was familiar with and with a few online searches I was able to refresh my skills. User stories I have had experience with and as such did not require much learning.

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

The team as a whole contributed on different aspects collaboratively, however, we also maintained specific responsibilities for the project components. My main focus was on the system design models, design recommendations, and the overview of the proposed system.

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 collaborated with the whole group while working on the system models. For the analysis and design recommendations I worked with Tyler and Alex. For the overview of the proposed system I worked with the whole group to get insight and establish the direction we wanted to take for the project.

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).

I feel the team managed our time very effectively. We met consistently on Tuesdays and Thursdays. Each meeting we established smaller goals we wanted to reach before the next meeting. We were able to complete work in effective intervals and meet in between our scheduled times if necessary.