

CIS 3760 – Software Engineering
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: Nareshri Babu

Q2. Student ID: 0956951

Q3. Associated Team Deliverable: Initial System Design and Product Backlog Creation

Q4. Section#, Team #: Section 2, Team 6

Q5. What were the main technical or methodological concepts and/or skills that were required to complete this team deliverable? (bulleted list is preferred):

- Java
- Android Programming
- UML Class Diagrams
- UML Sequence Diagrams
- Written Communication Skills
- Verbal Communication Skills
- Analytical Skills
- Organization Skills
- Time Management Skills
- GitLab
- Scrum Methodology

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

My existing level of experience was very good in terms of written and verbal communication. This was helpful when drafting the report and communicating with team members. Additionally, my organizational skills and time management skills were also good which helped us submit the deliverable by the due date. In general, I am new to android programming, UML class, and sequence diagram. This was something I had to learn to complete this assignment. I have had some experience with Gitlab, scrum methodology, analytical skills from previous courses at this university.

Q7. 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?

For this deliverable, I referenced the lecture notes as well as other online resources to aid me in creating this report. Specifically, for the UML Diagrams, I utilized the lecture notes, and video tutorial examples to help me understand how to construct these diagrams. I also had to research a bit more about Java Structure. This included understanding what classes are, how they inherit/implement other classes, etc. I believe that I will need additional learning on java concepts to be more competent in future deliverables.

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

As the scrum master, I was handling most of the planning and organization for the team. This included reading the project manual for the deliverable goals, helping the team divide up the tasks, monitor GitLab and issues, setting up/leading regular meetings with the team, etc. Additionally, my contribution also included clarifying any doubts with the TA and the Professor. I also shared any supplementary learning materials with the team before the meetings. In terms of the report, I completed the overview of the proposed system section. Additionally, I helped add to and edit the analysis and recommendations section. As a team, we divided up the Project Backlog creation (each member created 5 user stories each). As a team, we also edited the whole report. Finally, as a team, we completed the UML sequence and class diagrams.

Q9. With whom did you collaborate for any of the above contributions (be specific)?

As mentioned above, as a team we divided up the Project Backlog creation (each member created 5 user stories each), edited the whole report, and completed the UML sequence and class diagrams. For the overview of the proposed system section, I completed that on my own. Analysis and recommendations were done by my team members Daniel and Kaitlyn. For adding and editing the analysis and recommendations section, my team member Kaitlyn and I collaborated on that. For adding some of the features in the UML diagrams such as multiplicity, aggregation arrows, and composition arrows, my team member Gevin and I collaborated on that.

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 that I managed my time well over the period allocated in the course timetable. The entire team was also focused and managed their time very well. We managed to finish everything that we had planned to do for each meeting and hence finished the report on time.