

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: Muhammad Danish Saeed

Q2. Student ID: 1077675

Q3. Associated Team Deliverable: Sprint 0

Q4. Section#, Team #: 02, 2

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

- The technical or methodological concepts that were required to complete this deliverable are the following:
 - Class Diagram (draw.io tool)
 - Sequence Diagram (draw.io tool)
 - Discord (Communication tool)
 - Google Docs (sharable content/documentation platform)
 - GitLab
 - SCRUM

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

- Have fair amount of experience working with all the tools listed above from pervious courses. And expert in draw.io tool, google docs and in-depth understanding of GitLab.

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?

- It was overwhelming at first due to the complexity of the code and how everything works in the application. It took a lot of time understanding it and from there, designing it into class and sequence diagrams and to be able to make the relationship between classes.

Refresh on class and sequence diagram was also a learning process which I did through LinkedIn Learning and as well as used Lecture notes. To be more competent with these topics in future, one must practice a lot in understanding the application structure and draw out the key elements. This will in turn help give you an idea of the relationship between the components.

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

- In this deliverable, I created classes for class Diagrams and heavily worked on sequence diagrams. Also uploaded the initial application to git with few updates since the current application gradle version is not supported by android studio anymore.

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

- Me, Michael and Nick worked together on listing all the class diagrams.
- Me, Nick and Michael worked on sequence Diagrams as well
- Me and Nick figured out the issue to why no one was able to upload to git due to SSH key which git uses to identify user.
- Me and Nick also planned on how we would go on to upgrading the gradle since the initial/older version is not supported anymore.

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 think we managed to pull this deliverable in fair amount of time, thanks to our professor for giving us extension. We were a little too eager to tackle something big in our previous deliverable which ended up in dropping a hammer on our foot(metaphorically speaking). But thanks for our instructor, we managed to come up with a solution and complete the deliverable with the extension given. Overall, the lesson learned was to follow what the instructor tells you and not to be reckless when choosing a project.