

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 1

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 the complete this deliverable are the following:
 - Android Studio
 - 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):

- The tools in this deliverable are not new except for Android Studio. There is a learning required to know how activity, fragments or RecyclerView works. There are many great online tools. Ones that were used are android Studio's official Documentations, LinkedIn Learning and YouTube.
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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?

- To successfully complete this deliverable, understanding user permissions is the most critical area, since you won't be able to use the application if the right permissions are not granted. Moreover, the original application version was so old that google does not use it

anymore and an update of user permissions required mostly a new implementation in the newer version of gradle. Understanding how data is stored is another learning curve to be able to help other teammates with their task.

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

- In this deliverable, I had to add user permissions implementation that is vastly different than the original or initial version of the application.
- Guided and contributed to teammate's issues
- Helped with minor GitLab setup of milestones and subtasks of user stories.

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

- Me and Nick worked on setting up the GitLab, such as milestones and subtasks
- Me and Arash worked together to add a recovery feature to the application. With Arash being the major contributor and I just helped and brought some ideas.
- I(Me) implemented user permissions with Nick as feedback provider

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 this deliverable went amazingly fast and easy, mainly because we did not want to do tasks that were not too hard in the beginning . This way, we don't lose our confidence and because we are getting used to the application and learning as we go. This also gave us a glimpse of our potential. I managed my time well by spending atleast 2 hours a day on understanding and rewriting my solutions in terms of efficiency and clean code. I completed my task before the allocated time and helped another teammate with his. Overall, sprint 1 was a great start and now we are going into more advance user stories as we progress.