Individual Accountability Report (IAR)

Q1. Student Name: Habiba Mostafa

Q2. Student ID: 1070307

Q3. Associated Team Deliverable: Sprint 3

Q4. Section#, Team #: 2, 5

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

- Task Allocation, User story Breakdown and Wiki Documentation
- Gitlab Version Control, Knowledge of CI/CD
- Team communication, time estimation and time management
- Java Programming
- Demo preparation and presentation

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

By now, I am familiar with most GitLab and android studio features, but I had no previous experience with setting up a CI/CD in Gitlab pipeline to automate testing, which I focused on learning this sprint.

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?

I definitely spent a lot of my time on sprint 3 learning more about CI/CD, pipeline setup and integration to automate Junit testing for our project. I referred to tutorials and the GitLab documentation to learn more about yml script configuration. The rest of my time during this sprint was allocated to code reviews and some UI enhancement, which was good technical practice.

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

- **Project Management** – documented the Gitlab wiki, led scrum meetings, followed up with team members to check in if help is needed, added subtasks to this sprint's user stories, updated the status of issues, led sprint planning and sprint retrospective to reflect on strengths and weaknesses.

- **Technical** – added colour to the labels to enhance UI categorization, completed 4 code reviews, set up the CI/CD pipeline and configured yml script to automate testing.
- **Demo** – prepared the slide deck used for the demo, added content and conducted the presentation.

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

As the scrum master on the team, I have been collaborating with all team members to manage and help with user stories. For more particular tasks, I worked with Alex on Wiki documentation, Jason on front-end development and followed up with Miles and Sanjee on their backend development of the event recurrence.

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).

Overall, my time was well managed through this sprint. I ended up spending more time on documentation as one of the main goals of this sprint was to better document story completion and testing. My time was allocated equally across the time period specified, though I did spend more time on the project towards the end of the sprint.