Individual Accountability Report (IAR)

Q1. Student Name: Habiba Mostafa

Q2. Student ID: 1070307

Q3. Associated Team Deliverable: Sprint 2

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
- Team communication, time estimation and time management
- Java and Android Studio Onboarding
- 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):

I have been getting more familiar with GitLab version control since sprint 1, and am now more familiar with merge requests and conflict management. I had no prior experience of Android Studio development before 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 learnt more about technical documentation, project management and effective communication with my team. This resulted in better outcomes compared to sprint 1, where we were able to complete all user stories assigned for this sprint. I need to learn more about backend development in Android Studio, and how to better manage JSON and XML files. I also want to learn more about CI/CD to automate unit testing for our project.

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, led sprint planning and sprint retrospective to reflect on strengths and weaknesses.

- **Technical** – added calendar icon to the app's main menu and set up routing and navigation to reroute user to the calendar view component upon clicking the calendar button. Added png files for the calendar icon compatible with different screen resolutions.
- **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. 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 calendar view.

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 time management was well given reading week and the nature of this sprint as a short one. Compared to sprint 1, I managed time in sprint 2 a lot better and that reflected on my team's progress as we met all the sprint requirements and completed all assigned stories. We estimated a more realistic team velocity and were able to meet the deadlines effectively.