CIS 4250 – Software Design V
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: **Nelith Ranaweera**

Q2. Student ID: **1192167**

Q3. Associated Team Deliverable: **Sprint 1**

Q4. Team #: **4**

Q5. What were the main technical or methodological knowledge, skills and/or abilities (KSAs) that were required to complete this team deliverable? What prior courses or experiences (e.g. co-op, group project, etc.) from your Software Engineering degree did you draw on for these KSAs? (bulleted list is preferred):

- **Teamwork/collaboration/communication**

- **Database creation and management**

- **React frontend development**

- **Self teaching new technologies (Firebase)**

- **Software state management**

- **Encryption techniques (passwords)**

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

Before working on this sprint, I had a lot of experience working with databases, but using Firebase involved some additional self study. Additionally, I had prior experience working with frontend development, state management, and encryption.

Q7. Comment on your individual KSAs learning during this deliverable, and what additional learning may be needed to understand or be more competent with these topics / tasks in the future?

In the future, I may need to learn more about Firebase as there are more utilities available that might be beneficial to our project, such as Google authentication.

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

On this team deliverable, I worked on integrating the frontend components for creating an account and logging in with Firebase functionality so they would accordingly create and authenticate accounts. Additionally, I created the slides and presented during our lab demo.

Q9. With whom did you collaborate for any of the above contributions (be specific – saying "all team members" is not sufficient. State which parts you worked on with whom)?

I collaborated with Melissa when working on the frontend components and Matt when working on the Firebase components. Additionally, I worked with Matt to present during our lab demo.

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).

We managed our time well to get all user stories we set out to complete completed with accurate time estimates.