**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: Matthew Biggins

Q2. Student ID: 1136122

Q3. Associated Team Deliverable: Milestone 2

Q4. Team #: Section 1 Group 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):

* Database knowledge (CIS3760, Co-op)
* Web Design (CIS1050, CIS2750, CIS3760)
* Git (CIS2750, CIS3760, most cis courses taken after CIS2750)

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

I had a reasonable level of knowledge of these KSAs from a mix of university classes and Co-op experience. In addition, my knowledge of web design has increased from engaging in sprint 1.

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?

I’m still new to react, which our project is built with, so I am continuously learning and expanding my skills with it. Similarly with database development, I am now much more knowledgeable about firebase after last sprint, however I am still continuously learning.

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

For this deliverable, I was the agile lead, and so I spent a significant amount of time making sure all of my team members were keeping on top of their tasks, pushing their changes, and closing tasks for the burndown chart. I also worked on implementing the user progress aspect of our app, so that when a user flips a flash card, it keeps track of it in the database.

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 worked with Nelith to decide what data structure to use to organize the user progress data.
* I worked with Melissa to write the GitLab wiki.
* I worked with Nelith to create and present the sprint demo.
* I worked with Lyn and Melissa to review their dashboard design.

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, I was able to manage my time very well over the course of the sprint. We were able to conduct most of our team meetings during the lab times. In addition to this, I knew I was going to be unavailable to work on the sprint the Saturday and Sunday before the demo, and so I had all of my tasks fully completed by the Thursday before the weekend.