CIS 4250 – Software Design V
Instructor: Prof. S. Scott

Individual Accountability Report (IAR)

Q1. Student Name: Melissa Chinnick

Q2. Student ID: 1009647

Q3. Associated Team Deliverable: Sprint 1

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):

- React – experience from co-op terms
- GitLab [Wiki] – experience from previous software design courses
- GitLab [Milestones, Issues] - experience from previous software design courses and co-op terms

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 a little experience using GitLab to organize projects in previous software design courses and through co-op.

I have a few years worth of experience using React through co-op.

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 reviewed how to use “context” in React to handle global state objects.

I did some research for how Firebase is used with React so that I could make calls to the database in the React components. I may need to do further research to fully understand how Firebase works for future components.

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

1. I collaborated to decide on which user stories we planned for the sprint as well as creating tasks for the user stories.

2. I created React components for the new pages and for the global context/state, as well as applying some bug fixes and application of the context
    a. LoginPage (Login)
    b. CreateAccountPage (CreateAccount)
    c. UserContext
    d. WelcomeMessage

3. I created the pages and templates for the wiki.
    a. Home page with table of contents
    b. Initial system design – analysis and design recommendations
    c. User and tech stories – from the initial system design
    d. Sprint progress and retrospective templates

4. I collaborated to complete the sprint 1 progress and retrospective pages.

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)?

1. I mainly collaborated with Matthew, Nelith and Ashlyn when creating tasks for the user stories.

2. I worked with Matthew to make sure that the new React pages I created had the correct fields and behaviours and to create the user context. I collaborated with Matthew, Ashlyn and Nelith on how to use the user context in our application.

3. I collaborated with Matthew to review the design wiki pages – to ensure that the information copied was correct and to connect the user stories to their issues.

4. I collaborated with Matthew to complete the sprint progress and with Matthew, Nelith and Ashlyn to complete the sprint retrospective.

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 did a good job managing my time during the sprint.

After assigning the tasks during the Tuesday lab time, I worked on creating the "page" components with some mock behaviours. I put the completed components up for review and then addressed feedback about the error messages not being displayed as expected.

Since I was done the tasks assigned to me that were not blocked by other tasks, I offered my support for other tasks while I waited and ended up working on setting up the wiki. I transferred some information from our initial system design to the wiki for easier referencing and set up templates for the sprint progress and retrospectives based on the rubrics in the manual. I also started the sprint 1 progress and retrospective by filling in the information we had at the time.

I ended up providing support creating the UserContext component when my team got stuck because of needing information about the currently logged in user. The context was used to keep track of the currently logged in user and applied it to the components that changed depending on the state of the user.

During our final team meeting before the demo, I collaborated with the rest of my team to fix any small bugs, to merge any final code changes and to complete the remaining sections of the sprint 1 progress and retrospective so that they were ready for submission.