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 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):

- 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

- Figma – Designing interfaces

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.

I have a few semesters experience using Figma through software design courses and 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 did some research into how Tailwind works for styling components.

I did some research into possible fixes for an issue with React context. Further research will be required to fully understand the issue.

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

a) I designed and implemented the dashboard page.

b) I discovered a bug with the UserContext not caching data correctly and found a temporary solution.

c) I collaborated to complete the sprint progress and retrospective.

d) I collaborated to select issues and define tasks for the next sprint.

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)?

a) I collaborated with Ashlyn to finalize the dashboard design.

b) I collaborated with Nelith to try and implement the UserContext bug fix in his code.

c) I collaborated with Ashlyn, Matthew and Nelith to complete the sprint progress wiki page. I collaborated with Ashlyn and Matthew to complete the sprint retrospective.

d) I collaborated with Matthew, Nelith, Corey and Ashlyn to discuss the issues and tasks that should be addressed in the next sprint.

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 an okay job managing my time during the sprint.

After the beak I created a design for the progress dashboard using Figma. During the Tuesday lab time, I collaborated with Ashlyn to finalize the design, we also got some feedback from Matthew. After finalizing the design, I began implementing the required components for the dashboard.

While implementing the dashboard, I discovered a bug with the UserContext where the information stored in the context was cleared after the page is refreshed or is redirected. I did some testing and research to try and figure out the issue, ultimately finding a temporary fix where any changes to the UserContext are saved to the localStorage of the browser. This fix works for now but is a bit too clunky to keep long term. I then did a bit more research to try and figure out why the UserContext is not behaving as expected and have not yet found an answer.

Outside of focusing on my tasks, I also made some time to review my teammates code on GitLab before approving it to be merged. I tried to give quick approvals, but also leaving comments and asking questions if there was anything I noticed or didn't understand that needed to be addressed before merging the code.

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 2 progress and retrospective so that they were ready for submission. Then, after the demo I collaborated with my team to work on the sprint retrospective and to discuss issues and tasks for the next sprint.