

**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 3

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 did further research into possible fixes for an issue with React context. The initial solution found ended up being correct. To further the solution, some review about how to make calls to firebase was required.

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

- a) I investigated the useContext bug and implemented a solution.
- b) I added comments to the codebase to improve the code documentation.
- 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 discussed the UserContext solutions with Matthew and received his help implementing the calls to the database in the progress dashboard.
- b) 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.
- c) 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.

I did further investigation on 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 the temporary fix from sprint 2 was the recommended solution. To avoid needing to store an array in localStorage for the progress, I decided it would make more sense to only fetch the progress on the progress dashboard page.

As the bug investigation took less time than expected, I then started working on the code documentation by adding comments throughout the code about how each component worked. Also, I also made some time to review my teammates code on GitLab before approving it to be merged.

During our final team meeting before the demo, I collaborated with the rest of my team to start the sprint 3 progress and retrospective so that they were ready for submission and to decide on how to demo the sprint work. 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.