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: Ashlyn Fraser

Q2. Student ID: 1098724

Q3. Associated Team Deliverable: Sprint 3

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):

-My second co-op work experience gave me experience with React and Typescript, which was hugely important for getting the multiple choice mode to work, since it ran up against multiple esoterica regarding when React reloads components and what scripts it runs as it does so.

-The UI Design course familiarized me with UI design principles, although I think I could have applied them better

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

Got a bit deeper into the React weeds than I'm used to but nothing I couldn't handle.

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?

My React skills are up to snuff but I think I could have done better on the UI design front. I went with radio bubbles for skeumorphism with actual multiple choice tests, but in then this requires a button to submit because radio buttons shouldn't be used as final submission under user expectation. We've decided to redesign it for sprint 4.

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

These are all going to boil down to adding multiple choice mode:

-Create a mode toggle for study mode based on URL parameters

-Design and implement an alternate flow for multiple choice mode based on that toggle

-Integrated the multiple choice submission with the backend tracking

-Added a link/button to swap modes, and refactored out the URL parameter in favour of a pure react based approach when the link proved behaviourally inconsistent across browsers.

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 performed a review of Melissa's documentation merge request and received code review from Matthew on the multiple choice mode design and code.

All other collaborations took place in the form of team-wide meetings.

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)

Things continued to go smoothly this sprint, it felt less backloaded than the burndown suggests honestly. I think this is in part because my ticket, multiple choice mode, wasn't broken into tasks and therefore looks like a lot of weight staying open all sprint even though it was being done gradually.