

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: Corey Martin

Q2. Student ID: 1158729

Q3. Associated Team Deliverable: Sprint 1

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):

The main KSAs needed for this deliverable were react, typescript and web backend development. I mostly have experience in these from work I've done on my co-op, I learned git through a combination of school and work. I also needed to understand gitlab and agile task management, both of which I learned in previous software engineering courses.

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 medium level of experience with web development and typescript, but very little with react. I have a significant amount of experience with tasks git and gitlab.

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 significantly improved my understanding of typescript and web development/react. I may need a more in depth understanding of react and NextJS in order to continue developing future deliverables

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

I specifically worked on the session management for the page, allowing the user to login and logout and have the page store the session and user info locally.

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 understand how I would properly design the user session data class so that when my stub implementation was connected to the Firebase DB things would be setup properly and mesh together properly. I also got help from Mellisa when I was stuck on the session implementation, where the banner would not properly reload to display the logout button and the current user's username. She ended up fixing the code and finalizing it before we completed the task. Ashlyn also helped with setting up the logout functionality which made managing the user session possible. Finally, Matthew helped with keeping the project organized, and made sure that we would attach issue numbers to the commits or comment the issue numbers if it was too late to put the task in the commit message.

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 believe I managed my time well during this deliverable. When the sprint started I made significant use of my time during the lab in order to get started quickly so that I would have code ready to build off of throughout the week. I ended up having a very busy weekend so I wasn't able to contribute a significant amount of work between Saturday and Sunday. Once Monday came around I got back into working and joined the group during our final meeting together in order to complete the sprint before it was due. I believe in future sprints I will have more consistent output because there will be two weeks instead of just the one this sprint. I will also plan out my weekend so I am equipped to work on the weekend if needed, now that I learned from this sprint that the team needed to work through the weekend.