

Aaliyah Loechner

Final Design Report

Senior Design – Spring 2024

Part A - Two Paragraphs: What was your individual contribution to this project? Did you apply and build upon the skills identified in your initial assessment from last Fall? What did you do and how did you do it? What did you learn and what competencies did you build? What were your successes, what were your obstacles?

Over the Fall semester, I used my UI design skills and helped brainstorm the original idea for our app, on top of handling a large portion of the write-ups and other course assignments. During this Spring semester, I helped manage the front-end programming of our project, especially the Tasks page of our program. One of my major obstacles was hardware-related: my main machine was unable to handle the programming and hosting software. Due to this difficulty, I had to use my husband's computer when available, and directed my attention more towards the documentation that accompanied our development work. I served as the primary secretary for the group, which afforded me the opportunity to reflect on our progress and organize ideas to create presentations and reports. However, I still put in over a dozen hours doing the "real" work. Drawing on the skills I identified in the Fall, I leveraged my passion for UI design and my knowledge of HTML, Typescript, CSS, and YAML on this project. Moreover, I was also able to coordinate with my teammates for the duration of the project thanks to my experience in remote work over the past few co-ops.

One of the main competencies that I built during this project was the ability to summarize our technical information with an eye towards different audiences. I foresee that in the future, I will need to understand and relay the progress of any particular project with a high degree of technical specificity, but only when presenting to people who are able or required to appreciate those details. Sometimes, projects will need to be discussed in more of a marketing tone. During this project, I was able to hone my skills at identifying what project information to present (and when) depending on the context.