Part A:

My individual contribution to my Senior Design project was most closely aligned with a web developer. I primarily focused on the implementation of our projects code, while contributing to all the documentation and presentational aspects of our project. Throughout the development of our project, my technical skillset improved, contributing to the outlook our project had. It required me to delve into intricate implementations of React code that allowed me to improve as a Software Engineer. Furthermore, I learned a multitude of skills from communication, presentational skills, and technical skills, throughout the different stages of our project's development.

In terms of our successes, the biggest success was being able to actively communicate to the API's that we implemented, creating live feedback for our users without having to use any fixed data. This allowed for users to interact with our application in live time, using their creativity to drive the application's interface. On the other hand, the biggest obstacles we had to overcome were directly related to our biggest successes, the API's. Being able to properly communicate our API's while trying to convey our target UI was difficult. We had to request special access for one of our API's and then retrieving the data from the API and transmitting it to another was quite a drag. However, with a lot of research and perseverance, our group was able to overcome the challenges we had and have a successful presentation.

Part B:

Our group accomplished our main, original goal of implementing an interactive web application that intakes live data from API's. Furthermore, we wanted a web application that users would enjoy using, while also having a well-prepared, thorough presentation for our engineering expo. While interacting with my group, I learned that a focused group, members that

have a similar technical background, allowed for the most effective implementation of our application. Furthermore, always having a consistent, well-organized schedule allowed our group to actively contribute to our project's development. The only aspect of teamwork that was not successful, was conflicting ideas for our project. Some members desired certain features, while others did not. However, since our group welcomed a safe creative environment, we implemented the features that we felt most closely aligned to our goals. Lastly, I feel as though that all of our efforts, technically and non-technically speaking, were all relatively even. I think all of my members deserve special recognition for all their amazing contributions to the group !