**Individual and Group Assessment**

This project was a great opportunity for me to work with people from different professional backgrounds. Previously, I had only worked with one of the individuals for in-class activities. Overall, I was excited to about this part of my coding journey. Using the skills we had learned in class to build something from scratch was the most exciting part of it. We brainstormed different projects we could undertake. I proposed an idea for the project but once we all analyzed it further, we realized that getting the data would be challenging. Due to time constraints, we decided not to move forward with it. Other group members had some great ideas as well but eventually we went with SweetDeals.

I took charge of GUI side of the project, designed a basic webpage and plotted the data in accordance with Project Manager’s requirements. Where I needed help, I consulted with the Project Manager and I am grateful to have had someone like Edward Morrow as the PM for the final project. I used Bootstrap and CSS to design the website and decided to keep it simple yet add some elements such as background color and Jumbotron for aesthetics. Furthermore, I worked on some of the plotting and visualizations.

My contribution to the parts that weren’t assigned to me were limited to providing feedback and engaging in team discussions on what was being presented at each stage.

The greatest personal challenge I faced was time management. There was no easy way to overcome that challenge, I decided to spend more time on the project and the course than I normally would. By doing that I had to be mindful of getting burnt out. Eventually, I had to free up time from my other engagements to work on the final project.

I was part of a great team that afforded individual inconveniences for themselves in the spirit of team work. Although it wasn’t needed much but in every meeting we had, the offer to help another team member was extended by everyone. We all effectively communicated with one another using Slack and Zoom.

One of the strengths of this team that stood out to me collectively was how all the team members did not let their teammates doubt themselves. There were some effective pep talks delivered by all the team members when needed. We left no room for imposter syndrome which can be a serious detrimental issue to such projects. Throughout the project we kept our eyes on the prize.

**Summary of Project**

SweetDeals is a website that will show the best times to purchase tickets for a select list of domestic flights. By extracting prices for the American Airlines’ flights, SweetDeals shows how the prices fluctuate months, days, weeks, and even hours before the flight in question. Using the visualizations potential travelers can see the trends and price changes for their preferred flights so they can purchase their tickets accordingly.