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CS 5002

Self Assessment

I contributed to this project in several ways. During the planning phase, I brainstormed with the team about AI training, UI elements and layouts, and feature ideas. I also did research on frameworks that we could use and helped to create deliverables for the planning assignments. During development, I worked on UI features and layouts, particularly focusing on the home page of the application, as well as many bug fixes with both frontend and backend issues.

I did apply many of my previously identified skills in completing this project. My experience with react and with javascript/html was very useful, and helped me to jump right in instead of learning the framework from the ground up. There were quite a few aspects of this project that I had not worked with before, however, which served as great learning experiences. The UI elements and layout that we worked with for this project were more complex than what I had experienced in the past, and really tested and pushed my html/css prowess forward. Working with the spotify API was also new to me, and while I was not the one mainly working with it, I definitely learned a lot about how to navigate it.

As a group, we were able to achieve most of what we set out to in the fall, as well as learn most of what we wanted to learn. Our final application's functions the way we had hoped it would, and all of us have found ourselves enjoying the playlists that we have created with it. The only piece we were not able to implement was training our own AI model for the application, as Spotify unfortunately removed several API features that were key to that plan several months into our planning.

Working on this project as a group all year helped me learn how to better work in a team on an application like this. Clear communication was definitely the most important thing, something which I improved on a lot throughout the year. Compartmentalization was also important, and we managed to do it in a way where each person was largely in charge of certain things, but would still get help and input from the others when needed. I think that this system worked very well, and allowed us to work together on features without stepping on each other's toes. I feel that I put a lot of effort into this project and contributed meaningfully, and I would also say that Austin in particular went above and beyond in a lot of aspects and acted as a team leader.