Self Assessment:

For this project my main contributions were on the backend where we used a .NET api in a three layer architecture (data, business, and services). During my time on the backend I worked in all three of these layers including the contracts layer to ensure that we had good communication between the layers. Specifically I worked on various endpoints to communicate with the frontend, methods used to create the objects, and the payloads used to transfer these objects into the frontend. I also helped work on the styling and organization of the code with detailed pull requests, communication and collaboration with team members, pseudocode, and comments explaining backend functions. Another contribution I made towards the end was helping establish the connection between the frontend and backend, also helped to create a way to show actual spotify id and user data on the profile section of the frontend using Kotlin.

The skills that I built on is actually understanding how to link a huge application such as this with a backend and frontend together properly and be able to use this connection to accomplish many things on the app. I was also able to learn some of the Kotlin on the frontend and be able to feel pretty confident using it from prior having no Kotlin development experience. The successes were that our app Music Sharing won 2nd place in the Expo and I was able to learn a lot while making multiple meaningful contributions to the project. I would say the obstacles were that we ended up instead of using Python switched to C# so I had no real idea how to use C# or Kotlin so there was a large learning curve in order to successfully perform in the project, however, by the end I felt I had a very good grasp on full stack development as a whole.