Bella Ngo

Development Progress Report 1

I was mostly catching up on some design work this past week, and for a while I was having a bit of trouble with how to embed an audio player into the website. I initially thought I would need to incorporate WebAudio somehow, so I spent a bit of time developing audio player features. When it came to how I was actually going to play the audio, I spent some time looking into it and only eventually realized that I did not need WebAudio features at all, since I can just embed an audio player into the website with HTML. There was one major issue that I am still dealing with, which is that I wanted to use files that I had uploaded to Google Drive; however, as of January of last year, it seems that it is now not possible to use a standard audio player embed to directly play files from Google Drive. Instead, users need to use "iframes" instead, which I heavily dislike as they are likely going to take up a lot of empty space and overall just look ugly on the website. I am really not pleased with how they look, so I've spent the past couple days looking for alternatives, including Dropbox, AWS Cloud, and now I'm considering adding audio files to the GitHub repository itself to see if I would be able to use the audio player embed with files from there. It's currently next on my list; I feel that this is my current biggest priority right now, as I think I can figure out HTML page layout features later on and also because the audio player and download features are the primary reason for this project in the first place. I also still need to adjust the audio files to be compatible with the charting software this website is supposed to complement, which will be tedious but not difficult. Overall, I'm not too satisfied with where I'm at, but I think I will try to compensate by limiting the amount of time I spend on tedious work or aesthetics to make sure the framework of the site is solid.