**Project 3 Design Doc**

**The Imaginary Prototype:**

The prototype is a device and software where individuals are able to connect their playlists on Spotify, Apple Music or other platforms to this device. The users will be able to press a button to determine their mood that they are in and the genre that they want. The software will be able to depict their most played genres and cater to them. For example, the user may listen to jazz, rap or metal and the device will be able to determine their moods based on their song choice. Additionally, the user can also touch a temperature sensor and based on their temperature will a song play.

**Target Audience and Intended Interaction:**

The intended audience for my project is individuals like myself who loves listening to different genres of music. The intended interaction is interactive as the individual would press a button to choose the genre they want to listen to or use the temperature (LDR) sensor and get random songs.

**Aesthetic Approach:**

I have chosen different background colors for each of the states to suggest the difference between the genres and moods. However, I wanted to keep the same font and layout for each of the screens to make it easy to use and the same, as I have placed the title of the song, the name. of the artist and the album picture in the middle of the screen.

**Real-Life Implementation:**

In my opinion, I think this could be implemented in various ways as individuals can use this program as a way to figure out what songs they want listen to. I think sometimes individuals like myself want to listen to a specific genre but cannot find a song that they like or takes a longtime to find a song. So, this would be a good way to have a playlist based on your mood. I think it would also be interesting to have a temperature sensor that could detect your temperature and play music based on that.

**Hand drawn Sketch:  
A close up of text on a white background

Description automatically generated**

**A close up of text on a white surface

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