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Project Idea

The project is a music recommender app that helps users to find similar types of music that they enjoy listening to. The basic feature of the app will allow users to select bands and genres of music that they listen to, and then it will recommend similar bands and genres. Other potential features would include recommending music that friends listen to, and featuring currently popular music. The data set that will be used contains music artist, tags, and some social networking information from Last.fm from May 2011. The data set can be found at this link, <https://grouplens.org/datasets/hetrec-2011/>, under the Last.fm section. Music recommendation is a very popular area currently with dozens of apps that do this task. Three of the most popular apps are: Last.fm, SoundCloud, and Spotify. Some of these apps got their start in music streaming and sharing, but then started to recommend music to their users to give them more reasons to continually use the app.

The most compelling reason why people would want this app is new and old experiences. By having an easy method to find similar music they can expand their horizon finding more music they enjoy, or find old music they enjoyed but forgot the name. This will also allow them to explore new types of music by seeing what is popular and recommended in a different genre. As music has a large impact on people's emotions, this will allow them to find music for all moods. This app is particularly useful as it displays the types of music based on the genres and the total number of people that follow the artists of that genre which cuts out some of the bias that big apps have toward mainstream artists. In the end, this app will allow users to explore and find music in an easy and convenient manner.