GitHub Repo: https://github.com/jwkinney443/CS411
Team: #11
CS 411 Project
Team Assignment 1: Proposal

Idea 1: Movie Review Game

Idea 1 is a game in which a Letterboxd review greets the user. The point of the game is to guess the movie based on the Letterboxd review. With each incorrect guess, the game gives the user select information about the movie such as the genre, release year, director, and leading cast member(s) (these are just examples). If the user exhausts all of these hints, the user loses. But if at any time the user guesses correctly, they win.
Note: It may be best to find some way of censoring "give-away" movie information such as the movie title in the Letterboxd review

API:
1) Letterboxd API
   - Access movie reviews

2) IMDb API
   - Access important movie information that relates to the game systems

Front End: JavaScript
Back End: JavaScript
Database: MongoDB
Third-Party-Authentication: Google

Idea 2: Concert Recommendation

Idea 2 is a service-type website in which the user's Spotify listening history (could be through playlists, artists, top artists of the month, etc.) to recommend a concert/event for an artist that is similar to the user's music listened to. This would be done through utilizing Ticketmaster and through the user's input for the desired region.

API:
3) Spotify API
   - Access the user's listening history
   - Navigate through related artists/music genres

4) Ticketmaster API
   - Access concerts that connect to valid Spotify Artists

Front End: JavaScript
Back End: JavaScript
Database: MongoDB
Third-Party-Authentication: Spotify