RAINPLAY

PROJECT 1

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CONCEPT :

A website where the user can enter any zip code and access a playlist based on the weather in zip code.

TEAM ROLES:

Alex
UI Designer, GitHub, Created Playlists

Micheal
Backend, Coding, API, Research

Gerson
Backend, Coding, API, JSON

TARGET AUDIENCE:
Any and all music lovers.

WHAT PROBLEMS DOES IT SOLVE?
✓ Creates playlist so the user does not have to
✓ Seasonal depression
✓ Increases mood despite the weather
✓ Informs the user of the weather conditions in zip code

WHY IS IT IMPORTANT?
According to science, the weather changes your mood as well as your music choices.

VIEW CODE

STEPS TO BUILD THE APP:

(01) Research API documentation.

(02) Organize GitHub and determine roles for team members.

(03) Begin UI design.

(04) Access OpenWeatherMap API, using AJAX, to get current weather per zip code.

(05) Access Spotify API, using AJAX, to retrieve playlists based on weather conditions per zip code.

(06) Dynamically add the Spotify playlist into the DOM using jQuery.

(07) Update HTML with id names.

(08) Test and finalize UI design.

APIs:

- Open Weather Map API
- Spotify API

```
// Weather API key
var weatherApiKey = "5d1cc1876b69aaa35b49428d6c8f441b";

// Spotify API key
var spotifyApiKey =
"BQD6Oq2lvM0uGt6sjTSP5K7hqI97X-sY6yMqwmpjcdO6QDJPxCA1F7Vh3HqBGuJDToBkTckS6
0dAkw7sWP-XpupMrkF5szV0cWvBkiAqqElH-Aeo0-1h5NypnHcdZZXrNxDe_Aqi2mzX9o4k0ti
skifRPSQk7I0gFch6U0GF03LQG_Tcmz2o0UxkPmVjv4biSyGbc2s7KNYmurwEwA";
```

OTHER QUESTIONS:

WHY DID WE USE ALEX'S PLAYLISTS ONLY?

As a user I want pre-made playlists created, so that I don't have to decide on a song.

REASONS BEHIND DESIGN CHOICES:

As a user I want pre-made playlists created, so that I don't have to decide on a song.

HOW TO MONETIZE THIS APP?

As a user I want pre-made playlists created, so that I don't have to decide on a song.

FUTURE FEATURES :

Upon viewing the site, a playlist based on current zip code will already be displayed.

Background color changes based on weather. (example: rainy = blue, sunny = orange)

Display weather widget below input form and/or weather icons.

Use Google Maps API.