

# RAINPLAY

PROJECT 1

MIKE HENDERSON

ALEX CURINGTON

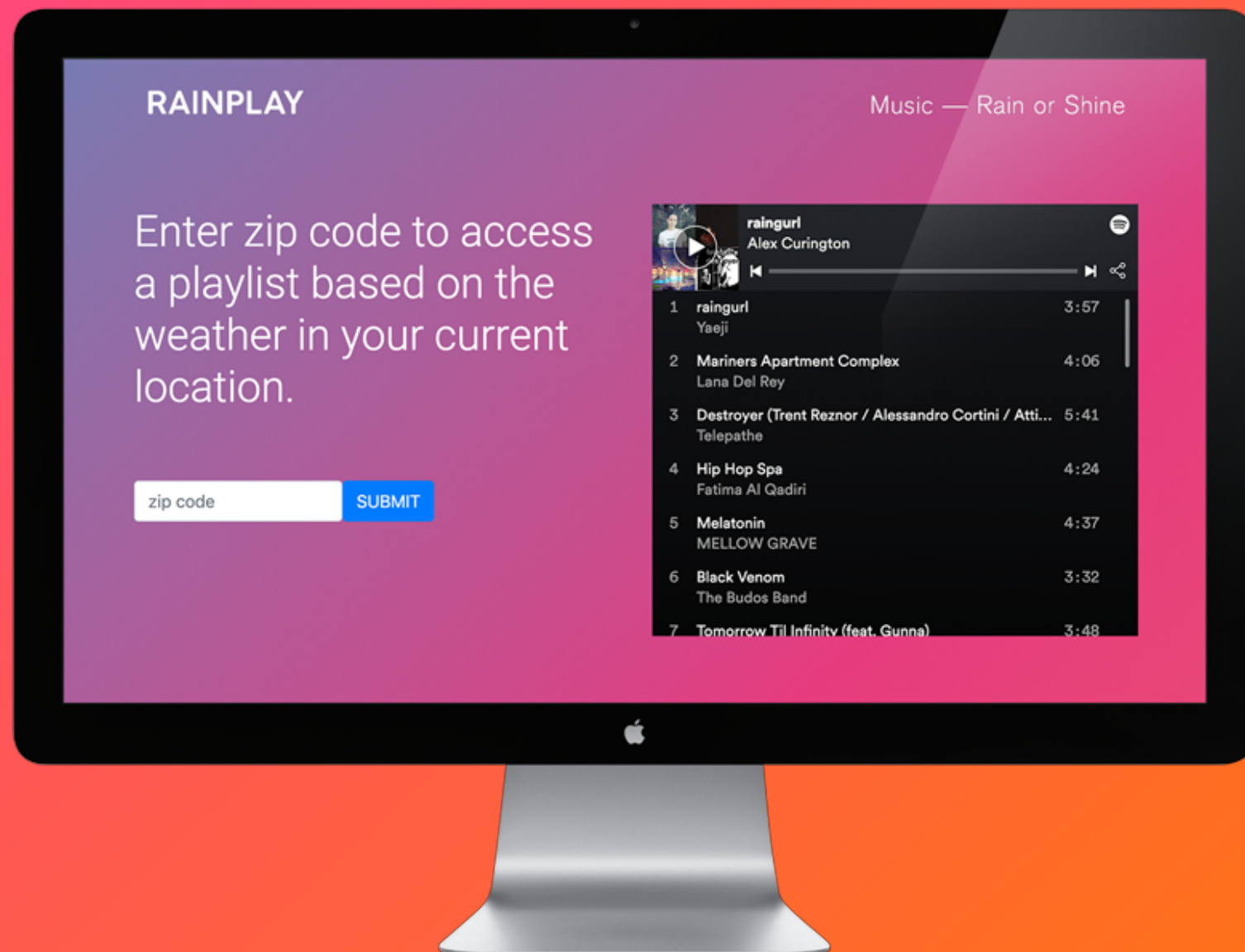
GERSON CRUZ

[VIEW SITE](#)

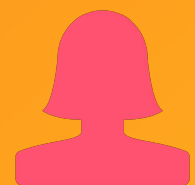
RAINPLAY

## 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.

## STEPS TO BUILD THE APP:

- (01) Organize GitHub and determine roles for team members.
- (02) Research API documentation.
- (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) Update HTML with id names.
- (07) Dynamically add Spotify playlist into the DOM using jQuery.
- (08) Test and finalize UI design.

## APIS:

Open Weather Map API

Spotify API

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

// Spotify API key
var spotifyApiKey =
"BQD60q2lvM0uGt6sjTSP5K7hqI97X-sY6yMqwmpjcd06QDJPxCA1F7Vh3HqBGuJDToBkTckS6
0dAkw7sWP-XpupMrkF5szV0cWvBkiAqqElH-Aeo0-1h5NypnHcdZZXrNxDe_Aqi2mzX9o4k0ti
skifRPSQk7I0gFch6U0GF03LQG_Tcmz2o0UxkPmVjv4biSyGbc2s7KNYmurwEwA";
```



## FUTURE FEATURES:

- ★ When first opening 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.

## OTHER QUESTIONS:

### WHY DID WE USE ALEX'S PLAYLISTS ONLY?

This gave us the ability to control the songs on the playlist, making them editable and personally chosen.  
Not generic playlist.

### REASONS BEHIND DESIGN CHOICES:

Contemporary, universal, aesthetically pleasing, minimal, easy to navigate.

### HOW TO MONETIZE THIS APP?

Team up with Spotify.



**GOODBYE**

**RAINPLAY**