Musical Weather App

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The core functionality of the app is suggesting music based on the weather. The page will offer the ability to search by city, and return results based on your choice. Using the open weather API we can gather that info and display it to the user. Once that info is obtained, a handful of songs will be suggested dependent on results. If the weather outside is sunny and warm, we’ll suggest happy music. Alternatively, if the weather is gloomy and cold, we’ll suggest something more appropriate. The music suggestions will offer an ability to play on multiple streaming services ie spotify, soundcloud, youtube etc. The musical choices will be curated and collected beforehand. What’s displayed will be decided on by a number of criteria. Initially the plan was to use the info gathered from the open weather API to communicate with the spotify API and suggest from spotify’s premade playlists. This proved to be too challenging given the way that spotify organizes its music. Additionally, the page will feature the option to use the user’s location for weather. This will be done by using the google maps geolocation API.

We are all aware that the weather influences our mood. Weather can be sunny, rainy, stormy, snowy or unpredictable, but our mood can so too. The way we feel on any given day may actually be associated with the weather forecast. So as to the weather, music also can affect our mood in many ways. This is because of the rhythm and tone that we hear when we listen to music. When we listen to a rhythm, our heart actually begins to synch with it. For instance, on a rainy day, a slow heartbeat tells our brain that something sad or depressing is occurring, which is mainly associated with slow relaxing or “sad” music.

The very fast beating has to do with excitement which is usually associated with the nice sunny day and fast rhythm "happy" music. This all has a very strong effect on our brain, which makes our mind actually feel what’s being communicated to us.

Checking weather has become a necessary part in our life as it allows us to prepare for the weather and thus can travel safely. With internet, we are able to develop online applications that provide timely weather data. We will develop this online weather application that not only displays current weather, but also plays music based on current weather. The purpose of this application is to allow people enjoy the boring task they do daily.  Many people nowadays are living a fast-paced lifestyle. People can feel stressed under this lifestyle. By enjoying the music while checking on the weather, one’s mood can be improved. Such mood improvement does not require extra time or investment, simply an add-on to one of the regular tasks we perform daily.