

Revised List of Features

Weather(Priority #1)

- The feature will work as described in the previous milestone. The goal is to use a weather API to gather information about a certain area and then to display it on a user friendly interface. The information will be used for other features so it should be done before almost all of them.

Comments(Priority #3)

- This is another feature from the previous milestone. This one is slightly changed as instead of having the comment adding features in the same box as the comments that are being displayed, we moved the comment making page to be its own separate page.

Diagram(Priority #2)

- This is the same as before as it is the main idea of the webpage. A diagram that shows what to wear for the weather that is occurring. It dresses the man in what would appear to be the most appropriate wear.

Clickable pictures(Priority #5)

- Another feature from milestone 2, having the ability to click on said part of the body and seeing suggestions.

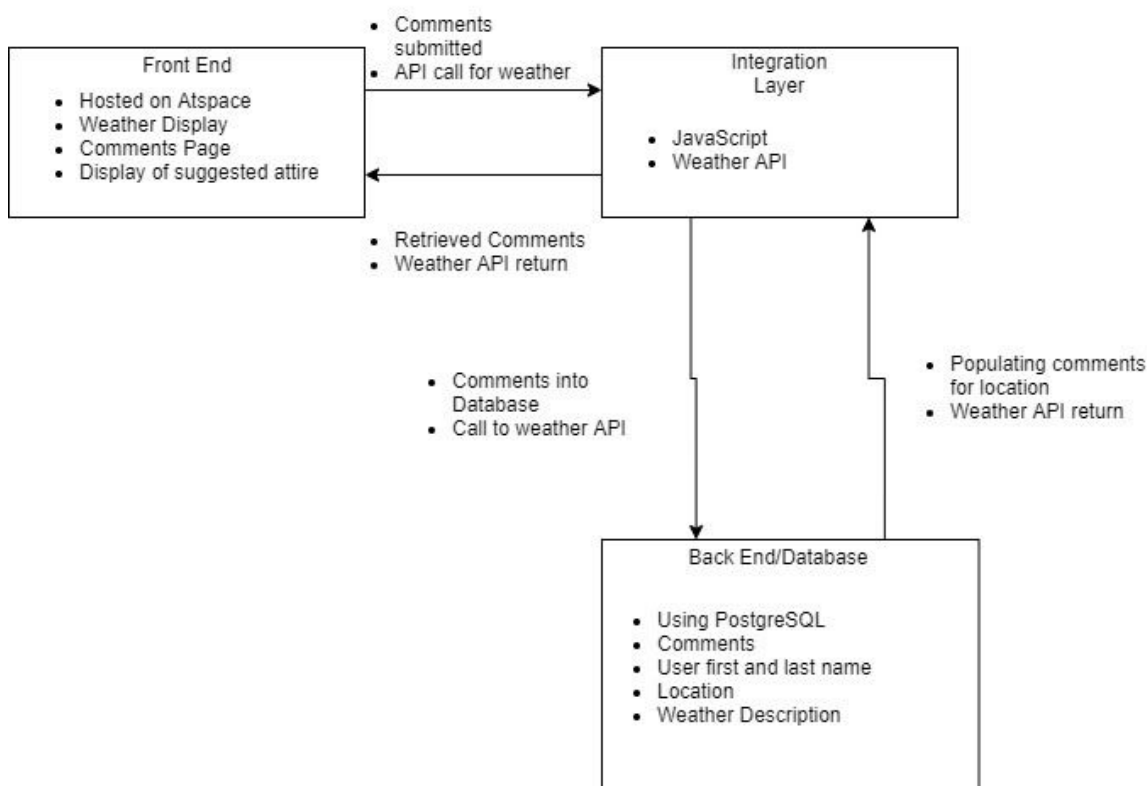
Search bar(Priority #4)

- The ability to enter what city you would like to know the weather about and for the web page to refresh with all of that information about that city.

Validity Check in all boxes(Priority #6)

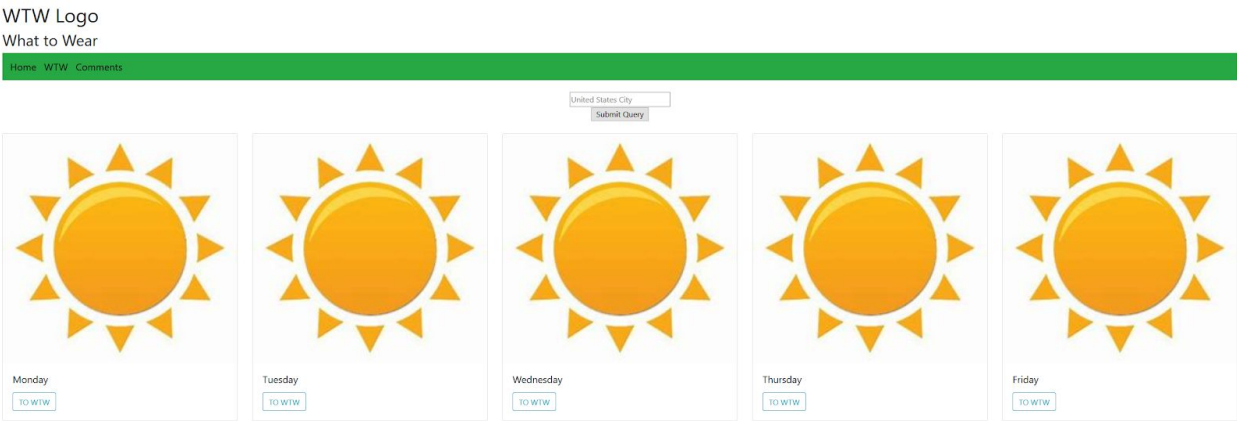
- A new feature that was added, checks to make sure that all boxes are filled in and have valid information in them.

Architecture Diagram

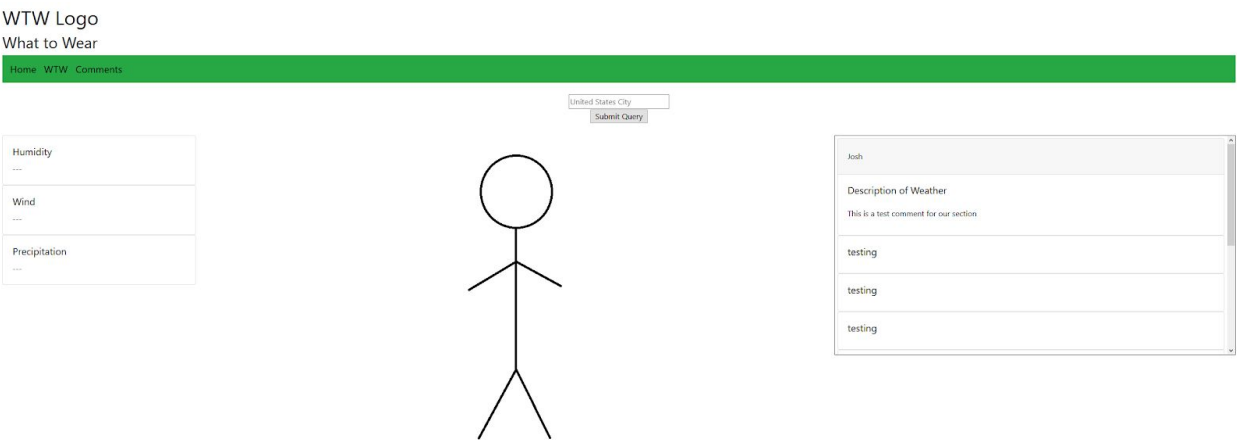


Front End Design

Home Screen Design



What to Wear Design



Comment Page Design

WTW Logo

What to Wear

Home WTW Comments

Location

Input not valid

Description of Weather

First and Last Name

First Name

Last Name

Comment

Submit Query

Web Service Design

For our website, we will be using a weather API known as OpenWeatherMap API. It's a free to use API that you can get from RapidAPI. The information we pass to the API can be multiple things, but the main thing we pass into it is the name of the city we wish to look at. We can also pass in latitude and longitude for more accuracy, along with language. There are also units if you have a preference, and if you want XML or HTML.

The API then returns information regarding the place you searched for exactly or numerous results if not specific enough. It returns the latitude and longitude of said place, the temperature, pressure, humidity, the temperature low and high, wind, rain, snow, and what country. We can use the information later to give people an idea of what to wear.

Database Design

Our database will be used to store comments in regards to what people may have actually worn instead of the suggested wear provided by the website. All the information from the comment page will be stored inside our database. We will be using Postgresql. All the information will be stored as varchar with a certain size set to each of them. The comment having more space than the First and Last name.