**Title:** WTW(What To Wear)

Group Members: Lukas Bush, Jack Humphery, Megan McGinnis, Bao Nguyen, Weiqiang Wang

Project Description: What To Wear is a step up from the traditional weather app/website as it not only tells the weather information for the upcoming five days, but it also recommends what you should wear for that day. In addition to that, you can also view and create comments for the location you are looking at. This way you can see what other people are wearing for the same location. The app is simple to use, at the home page it will ask you if you want to use your current location. If you said yes, it will display a five-day forecast of your current location. If you said no, it will have a set location to display the five-day forecast. Another option is to use the search bar and put in a city that you might be traveling to, so you can get the forecast for that place. From the five days, you can click on a button at the bottom of each card, to go to the "What to Wear" page to have more information on the weather for that day. It will also display a recommended outfit for you to wear that day. Not only that, on the right side of the page, there are also comments from other people describing what they wore for certain weather. Finally, you can add your own comment in the comment page. Just fill out the boxes and hit submit.

Project Tracker: Trello ,link: **https://trello.com/b/JmhJ3eFh/wtw**

VCS: https://github.com/LukasBush/Project-Code

Contributions:
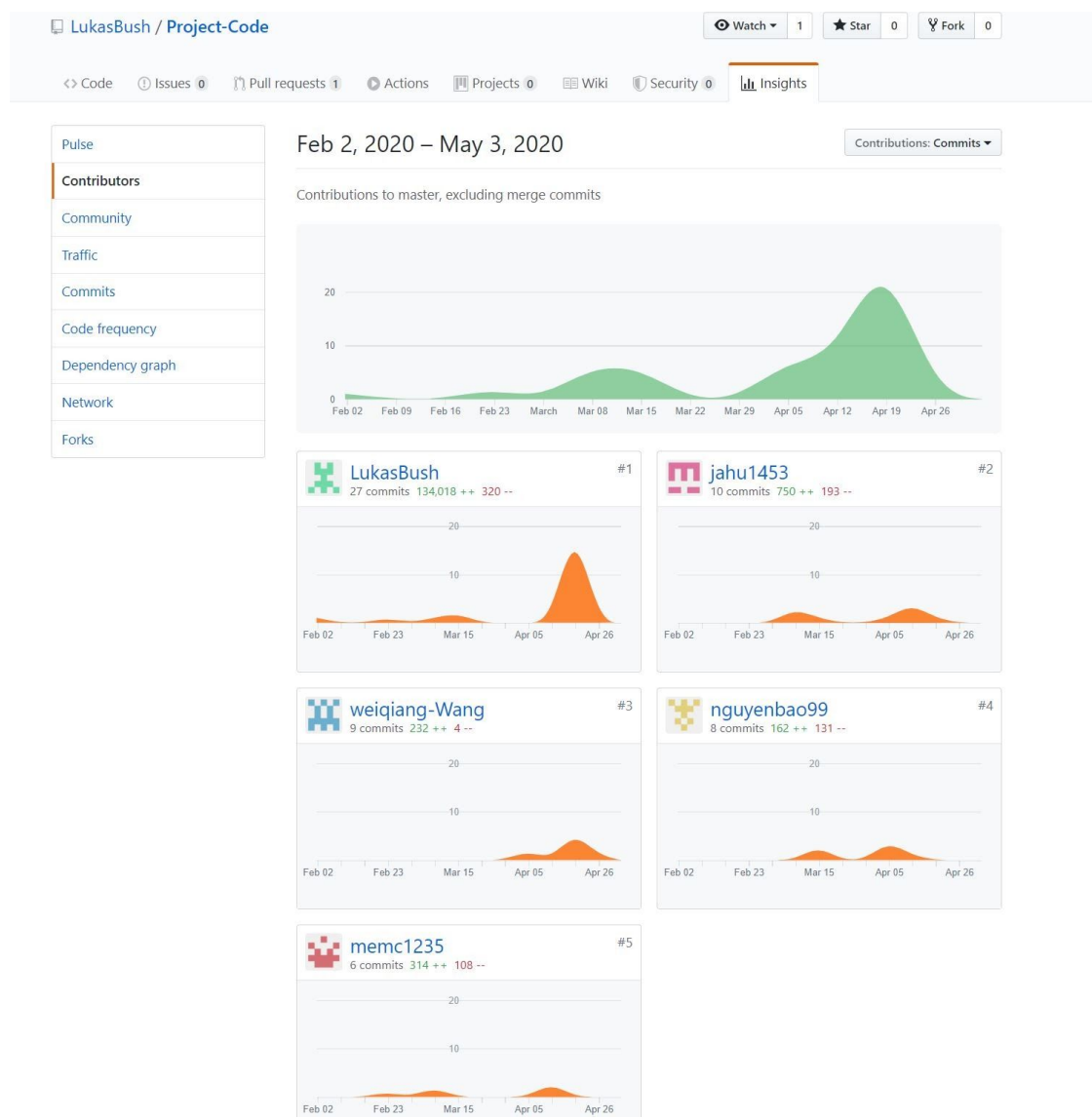
Jack Humphrey:
The main element that I worked on in this project was the API using AJAX and Javascript which were all used to make the interface that allowed that transition between pages. The API was the same WeatherStack API that was used in the labs in class. Information that was returned by the API call was then put into the proper cards on the homepage to allow the site user to see the weather information for each day. Next, I worked on making each day pass the correct weather information when the "To WTW" button was pressed which allowed the correct images for clothing to be generated. These same tools were used to correctly update each page when a new location was submitted through the search bar.

Weiqiang Wang: Looking for the images of clothes in fall and winter; Add style to the search bar and other buttons, so that the search bar can have a scrollbar in dropdown menus. Also, try to do the comment part, like getting comments from the database based on the location. But Lukas 's work in the comment section is better and more complete, so we use his code for the comment section.

Megan McGinnis:
The main thing that I worked on for the project was the HTML and some Javascript for the WTW page. I set up a lot of the formats for the pages. I set up the home page so that the cards for the five day forecast would appear in consistent locations across computers. I figured out a lot of the logistics for displaying the clothes in a format that made sense. I used the Bootstrap grid system to display the clothes as they would be worn. I wrote the Javascript that changed the clothes displayed on the WTW page using the data received from the home page. Based on the temperature of the location whether it be current or future, recommended clothing was displayed.

Bao Nguyen:
At the beginning of the project, I worked on the search bar and trying to have the autocomplete feature working through Javascript and HTML. I worked on the comment page a little bit trying to have the user fill in on the boxes before they can hit submit. I worked with Jack on the homepage so that when the user clicks to go to WTW page from the cards, it displays the correct weather information for that day. I also helped look for summer and spring images.

Lukas Bush:
I worked on different parts of the website, helping with the layout of the website, slight help with the api, but the main part was the comment section. I spent most of the time messing around with the NodeJS on how I was going to write the code for the website after it had already been written in HTML. I converted the files to ejs, along with writing the code in the server.js file. I had to make the comment page take all the information from the boxes that were filled, put all of it into a database so that it could be stored, and then also made it so that the WTW page could retrieve those comments from the database and display them.

Deployment: Heroku, link: http://wtwebsite.herokuapp.com/

The Weather API from the lab had its subscription expire so the weather api used in the code is now limited.