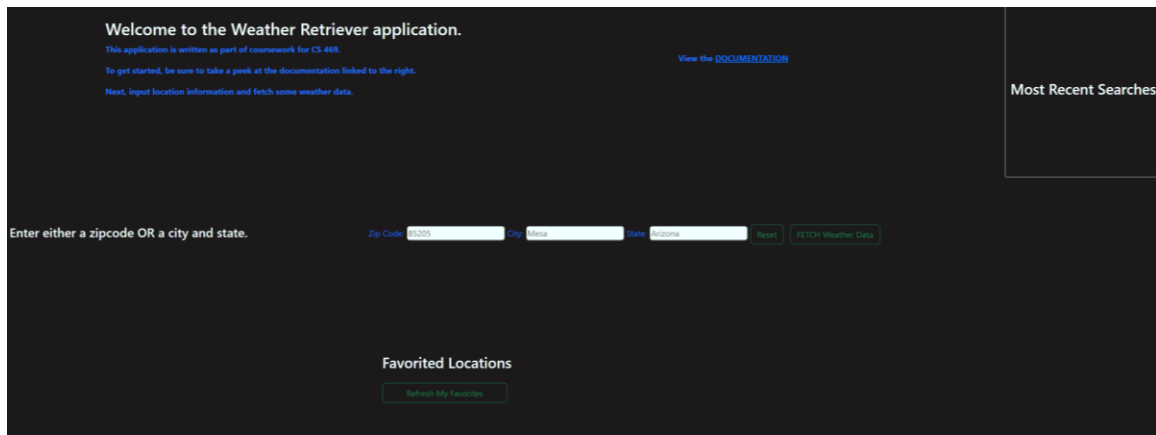## How to Use This Application

Hi there! Welcome to a super easy to use weather application. This README document will walk you through using the application. This document also presents a high-level architecture of the application from a technical standpoint.

Using the App

Start on the homepage of the app.

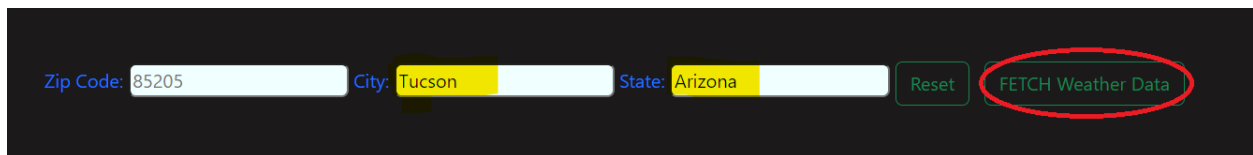To retrieve weather data, you need to know either:

1. The zip code of the location

   OR

2. The city AND state of the location

Either of these combinations will yield the same results.

Let's say we want to retrieve weather for Tucson Arizona. We can enter the city and state, then we hit the 'FETCH Weather Data' button:

The weather data will be displayed on a new page. Notice that we have the option to fetch another location in the same fashion as before, go back to the homepage, or add Tucson to our favorites.

Hit the 'Add Tucson to Favorites' button and then the 'Back to Home' button.

Notice in our 'Favorited Locations' that an entry for Tucson has been added.

We can fetch Tucson again by simply clicking the 'Fetch Tucson Weather' button on the favorited item:
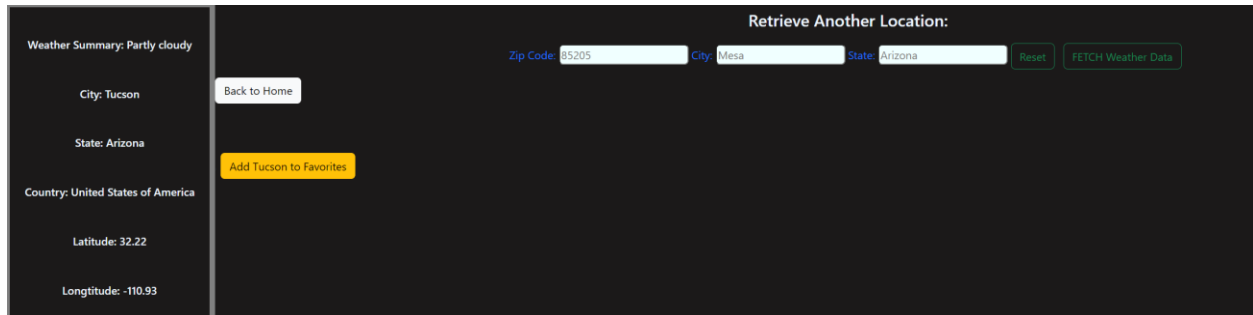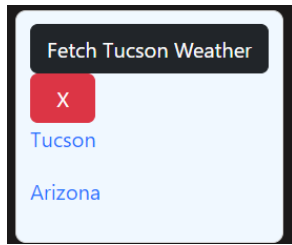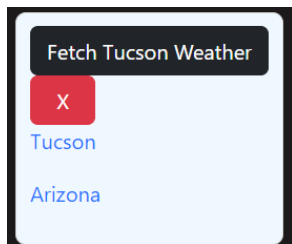

Back on the homepage, notice some of our recent searches appear on the side under the 'Most Recent Searches' section:
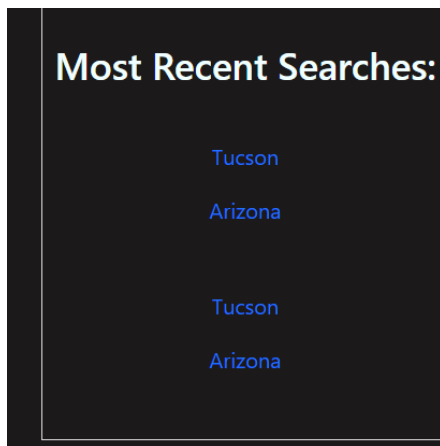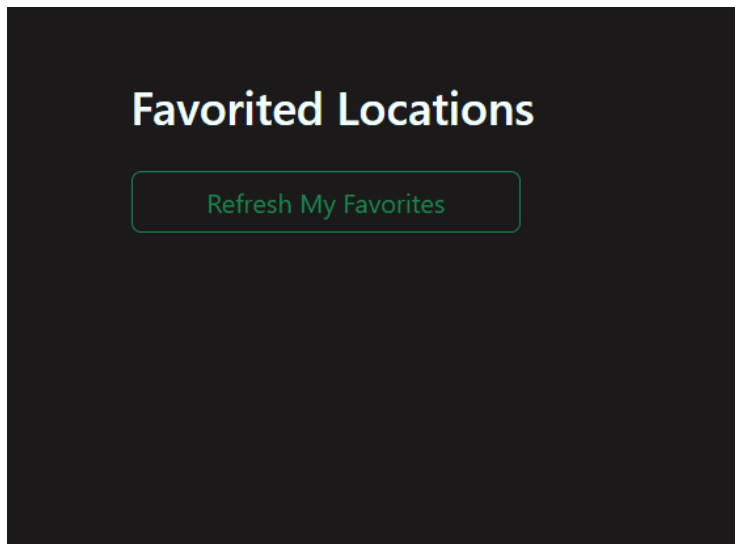

Note: In the example above, we technically searched for Tucson twice, hence why it appears twice.

You can remove a favorite item by clicking the red 'X' icon on the favorite:

The item will disappear from the homepage.

Technical Information

This application is built using Node.js, Express.js, JavaScript, ejs, HTML, CSS, and WeatherAPI.com.

The below diagram represents the general flow of information from the application, to the API, and then back to the application: