

MBTA Station finder

Overview

This web Application is use to find the nearest Stop to a Place or address. Alongside the name of the nearest stop, are Wheelchair accessibility and the type of transportation offered by the Stop. Basically, a user type in the name of the place or address in a form and submit.

This application makes use of two APIs to determine the nearest Stop. When you submit an address or Place name, A request will be made to mapquestapi.com to obtain the Latitude and Longitude of the place. Then with this values of Latitude and Longitude, another request will be made to mbta.com which will return the nearest Stop if any was found.

Reflection

The whole aspect of this project were tough. But it is very interesting learning new things like this. I learnt about the wtform. I have to use it because of the ease of authentication and validation.

I added a Search Radius option in the place search form. From the documentation, the default search radius is 1 mile. This might not be okay for some user. So I added an option for users to increase their search radius. After learning and doing further search on Google, Everything look simple and I now feel comfortable working with flask framework.