MIS3615

Web App Development - MBTA Finder

Project Reflection

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My project is following the demo file. The basic logic is that when the user enter the place name, of which the user wants to know the nearest MBTA station, mbta_finder (get_lat_long) will find out the latitude and longitude and return from MAPQUEST. Then based on this two parameters, mbta_finder (get_nearest_station) will further find out the nearest station and wheelchair availability and return from MBTA. When the users access the web app, they will be greeted by hello which is generated through index.html, which also defines part of URL and the link to enter place name. Then they will be directed to the form to enter the name of place and submit button through form.html. In the end, after clicking submit, they will be able to get the results through result.html. app.py is codes to combined format of this process and generate the sequence

What went well is that I am able to build webpage and apply certain formats by using HTML. Through this assignment, I learnt about the basic structure of such interactive web app and how it works connecting with different html files. I could improve by trying more variations and more practices. I encountered lots of errors when writing codes which frustrated me a lot. I tried my best to solve errors and make the project in the appropriate scope through learning examples in stackflow and w3schools.

From this project, I find that python is an amazingly useful tool to deal with data and track through html. The web app provides me with the insights toward how web works and how to structure a web app. Also, this project arouses my interests in learning more about Python's other functions. As a start point of building web, I believe that, with experiences of this project, I can develop better web apps in the future. I wish that I can know more about how the code is written and how to link together before I started.