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MIS 3615
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18 April 2020

Project Overview:

The project aims to help people who are in Boston to find the nearest MBTA station near their current location or any locations that they would like to find out. By entering the name of the place, the web app allows people to find out the name of the MBTA station. In addition to that, people could also find out if the stations have wheelchair accessibility. If there are no nearby stations, the page will show errors and ask them to search for another location.

Project Reflection:

I had spent almost two days finishing the first part of the project. I was stuck in finding the nearest station. With the professor's help, I found out that it was because of the name of the location. Every minor detail in python is also essential to run the functions. The web app part is much harder than I had expected. Even with the experience of HTML from web technology class, it is still hard to finish the web app portion. I had done hours of online research and by observing the web app demo in order to figure out the final version of the codes.

In the overall experience, a lot of places need to improve. I was confused by a lot of concepts because I am still unfamiliar with the application of the ideas. I wish I could spend more time getting to know the functions before the project, especially flask. However, I am still satisfied with the outcome of the project. I am surprised how we can use a few lines of codes to get the information we need out of the database.

I found out that python is efficient and practical. Moving forward, I would try to spend my free time to learn more about python. I think python is very hard for me to understand in a

short amount of time. Python requires a lot of time and patience to make things work. Compared to other subjects, python seems to be much harder to learn since I still cannot find a common pattern among the codes.