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CPSC 3720

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Compare Transportation

User Stories

1. As a user I should be able to see travel times from point A to point B with Local buses so that I may compare travel methods.
2. As a user I should be able to see travel times from point A to point B with trains.
3. As a user I should be able to see travel times from point A to point B with walking so that I may compare travel methods.
4. As a user I should be able to see travel times from point A to point B with biking so that I may compare travel methods.
5. As a user I should be able to see travel times from point A to point B with driving so that I may compare travel methods.
6. As a user I should be able to enter in the start location so that I may submit my route.
7. As a user I should be able to enter the destination so that I may submit my route.
8. As a user I should be able to access the application from the web.
9. As a user I should be able to autofill my current location so that I don’t have to waste time typing it in.
10. As a user I should be able to view current weather conditions in my area so that I may decide which travel method to use.

Look into api for addresses:

* Need to make a google free tier account with maps platform
* Maps javascript api for auto completetion
* Geocoding api to get the lat + long

Getting started

<https://developers.google.com/maps/documentation/places/web-service/cloud-setup>

Get autocomplete

<https://developers.google.com/maps/documentation/javascript/places>

Geocoding

<https://developers.google.com/maps/documentation/geocoding/start>

Hide api keys??

<https://mobilitylab.org/transit-api-database/>

Shift scope:

Drop uber and lyft

Weather into the app?

Show different routes