Zendesk Frontend Exercise

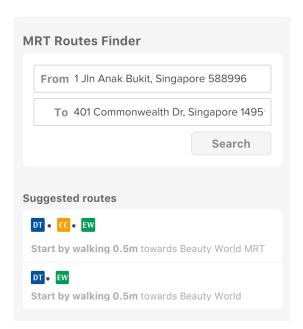
Problem

The MRT is Singapore's urban rail system. Your task is to build a React app to help users plan MRT journeys, which may include walking and changing trains at various stops. The app should have the following minimal functionality:

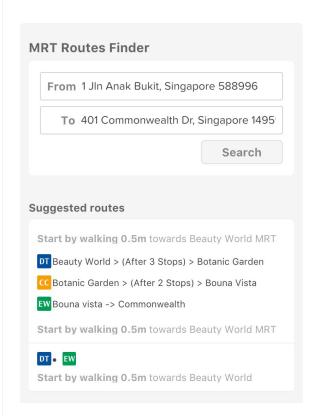
- Users enter their origin and destination autocomplete
- The app displays a list of routes, with the best one first
- The user selects an route to view the detailed steps in that route

Mockups

Mocks #1: MRT Routes Finder (List View)



Mocks #2: MRT Routes Finder (Detail View)



Getting started

You are provided the following:

- A skeleton of this app, with working Google Places autocomplete for origin entry
- A JSON file, src/routing/mrt.json, containing information about the MRT stations and (train) lines
- Build and test tooling using create-react-app

To begin working on the project, run npm install and then **npm start**. To run automated tests, run **npm test**.

Additional rules

- Do NOT change the signature of the routing/findRoutes function, apart from adding additional properties as described in comments in that file.
- Do NOT use an external service (such as Google Maps) or library to calculate routes.
- Feel free to add any additional functionality that you feel is relevant.
- Feel free to add more tests.
- You may add include additional libraries if required. Make sure you add them in package.json.

Submission

 You may zip and upload your code to Google Drive. Please exclude node_modules from the archive.

Evaluation

Your submission will be judged on:

- code quality and architecture
- quality of the route suggestions
- user experience