Getting Started with MelEasy

Project github: https://github.com/CodingBunnyi/mel-easy-travel.

Important thing: The project is only used for the University of Melbourne GEOM90007 Assignment 3 (Group 67) 2022 semester 2.

Collaborator:

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Run frontend

> Make sure you have node.js installed
>
> node.js installation page: https://nodejs.org/en/

In the project directory, you can run:

1. Use `npm install` to install packages for frontend server

   If you have any dependency issue when install packages, you can try `npm install --save --legacy-peer-deps`
2. Use `npm start` to start frontend server
   Open http://localhost:3000 to view it in your browser.

Run backend

> Make sure you have python 3.7 or higher correctly installed

- ## Windows user:

  1. Open CMD at the backend folder which include the `requirements.txt` file:

     `cd backend`
  2. Create a python virtual environment at the backend folder:

     `python -m venv env` or `python3 -m venv env`
  3. Active the python virtual environment:

     `env\Scripts\activate`
  4. Install the required python libraries:

     `pip install -r requirements.txt`

5. Run backend server:

   `python server.py` or `python3 server.py`
6. Update cached data:
   Use `python server.py -u` or `python3 server.py -u` to start the backend server and update cached data (This may take 10-15 min depend on the network condition)

- ## Mac-OS user:

   1. Open CMD at the backend folder which include the `requirements.txt` file:

      `cd backend`
   2. Create a python virtual environment at the backend folder:

      `python -m venv env` or `python3 -m venv env`
   3. Active the python virtual environment:

      `source env/bin/activate`
   4. Install the required python libraries:

      `pip install -r requirements.txt`
   5. Run backend server:

      `python server.py` or `python3 server.py`
   6. Update cached data:
      Use `python server.py -u` or `python3 server.py -u` to start the backend server and update cached data (This may take 10-15 min depend on the network condition)