Instructions for Distance Calculator Project

Frontend:

1. Download the Distance\_Calculator\_Frontend.zip file from this link [Frontend\_Code](https://drive.google.com/file/d/1TwxgE9Mv7ZEvzyhOx7kOhXxDMcZg_7vp/view?usp=drive_link).
2. Open the extracted folder in your vsCode and open terminal in vsCode.
3. Run command ‘Docker-compose up –build’. By running this command docker will start container and runs react app image.
4. Access the localhost link which will come in your logs or try this url ( <http://localhost:5173>) to access the application.

Backend:

1. Download the Distance\_Calculator.zip file from this link [Backend\_Code](https://drive.google.com/file/d/14onCY_VJmnLhAUFCC1dnUbF1Akzi9T8t/view?usp=drive_link).
2. Open the extracted folder in your vsCode and open terminal in vsCode.
3. Run command 'Docker-compose up'. By running this command docker container will build automatically. Both, node app image and mongoDB image will run in this container.
4. Now use can access endpoints provided below to work with this application.

Note: These endpoints will work only if you run this application in your local machine.

To get the data (query history) from DB use /history example: <http://localhost:8080/history>

To post new query into the DB /history/new example: <http://localhost:8080/history/new>

Note: If you want to get the code from GitHub follow these links to clone the repo and rest all steps for building project are same as above

Frontend GitHub link: <https://github.com/Tharun330/Distance_Calculator_FrontEnd/>

Backend GitHub link:<https://github.com/Tharun330/Distance_Calculator>

Conclusion:

Both applications are running in their respective containers. Now you are good to go, start using the application to know the distance between two addresses.