Tracking Assignment Overview

Build a **Cargo Shipment Tracker** application using the MERN stack. The app should include:

1. **Backend** (Node.js, Express, MongoDB):
    - **API endpoints**:
        - `/shipments` (GET) – Retrieve all shipments with their details (status, route, current location, ETA, etc.).
        - `/shipment/:id` (GET) – Retrieve details of a specific shipment.
        - `/shipment/:id/update-location` (POST) – Update the current location of the shipment.
        - `/shipment/:id/eta` (GET) – Retrieve the estimated time of arrival (ETA) based on current location and route data.
        - `/shipment` (POST) – Create a new shipment using container ID and other details.
    - **Data modeling**:
        - **Shipment model**: Fields for shipment ID, container ID, route (array of locations), current location, current ETA, status, etc.
2. **Frontend** (React, Redux):
    - **Dashboard**:
        - A tabular structure that lists all shipments, showing their ID, container ID, current location, ETA, status, and the ability to filter or sort based on shipment details.
        - A button to add a new shipment, which will open a form where users can input the container ID and shipment details.
    - **Map integration**:
        - Display the shipment's current location on an interactive map (use libraries like `react-leaflet` or `google-maps-react`).
        - Show the entire route of the shipment with markers for key locations.
        - Show current ETA and other relevant data (current location, estimated arrival, etc.).
        - Allow the user to update the shipment location manually or through the backend (via the update-location endpoint).

Note

1. **You should have two repositories, one for Webapp and another for the backend.**
2. **The repository should have a ReadMe.md file which has the steps to run the code, define the env variables used (if, any).**
3. **Feel free to make any assumptions while working on it and add them to the ReadMe.**
4. **(optional) Dockerise the code.**