

Technology Used:

1. Angular - Frontend Interface
2. Postgres - Storing CRUD data of Vehicles, Generating movement points
3. Nodejs - API
4. Google route and geocode api

Assignment Objective:

1. Create a UI with
 - a. login page
 - b. Maptracker - to show all the vehicle list with vehicle routes when clicked.
 - c. Vehicle Master page - CRUD for vehicle
2. Postgres Database with tables:
 - a. User credentials
 - b. Vehicle Master - Vehicle Number, Driver name, Vehicle Type, Fuel Type
 - c. Vehicle Location Table - log of latitude and longitude(generated randomly) which will be used to plot the route using google direction api
 - d. Vehicle current location
3. Nodejs API using Bulletproof framework available on github.

Sample UI expected:

