

Homework

As a candidate for Web Developer position, you need to develop One Page Vue.js application based on provided Use Case.

Instruction

Database

You need to use PostgreSQL (better version 12)

As database user postgres:

- create database homeworks;
- Create user test password 'TestUser';
- Grant all on database homeworks to test;

As database user test:

- create schema co2_emission_analytics;

Load data:

- psql -d homeworks -U test -f co2_emission_analytics.shipments.dmp
- psql -d homeworks -U test -f co2_emission_analytics.shipment_co2_emissions.dmp

Application Server

You need to use [Vue.js](#) framework

GitHub

Code should be committed to GitHub

Use Case

Actors:

- User – Visitor of Website
- System – NodeJS Website

Pre-requisites

- No

Main Path: Self-Registration

1.0	User navigates to CO2 Emission Analytics
2.0	System presents Calendar Picker for start and end period (by drop off time)
3.0	System presents empty table with columns: <ul style="list-style-type: none">• Shipment ID• Weight (kg)• Distance (km)• Pickup Time• Drop Off Time• CO2 Emission
4.0	User selects start and end time of period
5.0	System presents shipments in table