**Customs Freight Company System**

**Project Overview**

This project involves designing a system for a Customs Freight Company that manages three types of vehicles: Cargo Planes, In-city trucks, and Long-haul trucks. The system should keep track of specific attributes for each vehicle, including brand, load, capacity, year, and the number of repairs.

**Getting Started**

Prerequisites

Make sure you have the following installed on your local machine:

- [Node.js](https://nodejs.org/) (including npm)

- An environment manager (optional but recommended)

Starting Development

1. Validate that you have Node and NPM installed by running the following commands:

*node -v*

*npm -v*

Ensure that you see the version numbers.

2. Install the required dependencies:

*npm install*

Install the npm package:

*npm install typeorm --save*

You need to install reflect-metadata shim:

*npm install reflect-metadata --save*

and import it somewhere in the global place of your app (for example in app.ts):

*import "reflect-metadata*"

You may need to install node typings:

*npm install @types/node --save-dev*

Run the npm Install Command:\*\*

*npm install --save-dev @types/jest*

3. Start the development environment:

*npm start*

Tests

Run tests with:

*npm run test*

**Docker Setup**

Prerequisites

Ensure you have [Docker](https://www.docker.com/get-started) installed on your machine.

Start Docker Desktop

Using Docker Compose

1. Navigate to the Docker Compose directory.

2. Build the Docker image:

*docker-compose up --build*

3. Run the Docker image:

*docker-compose up -d*

4. Build and run the Docker image:

*docker-compose up -d --build*

This setup allows you to run the Customs Freight Company system within a Docker container.

\*\*Note:\*\* Make sure to consult the official documentation for Docker and Docker Compose for additional troubleshooting or version-specific instructions.

**Contributing**

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