# COMMERCIAL TRANSPORTATION MANAGEMENT SYSTEM

# TEAM - 20

| MEMBERS | PRN NUMBERS |
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# Table Of Contents

# Problem Statement

- Inconvenience in finding a commercial vehicle to transport either goods or utilize one for travelling purposes.

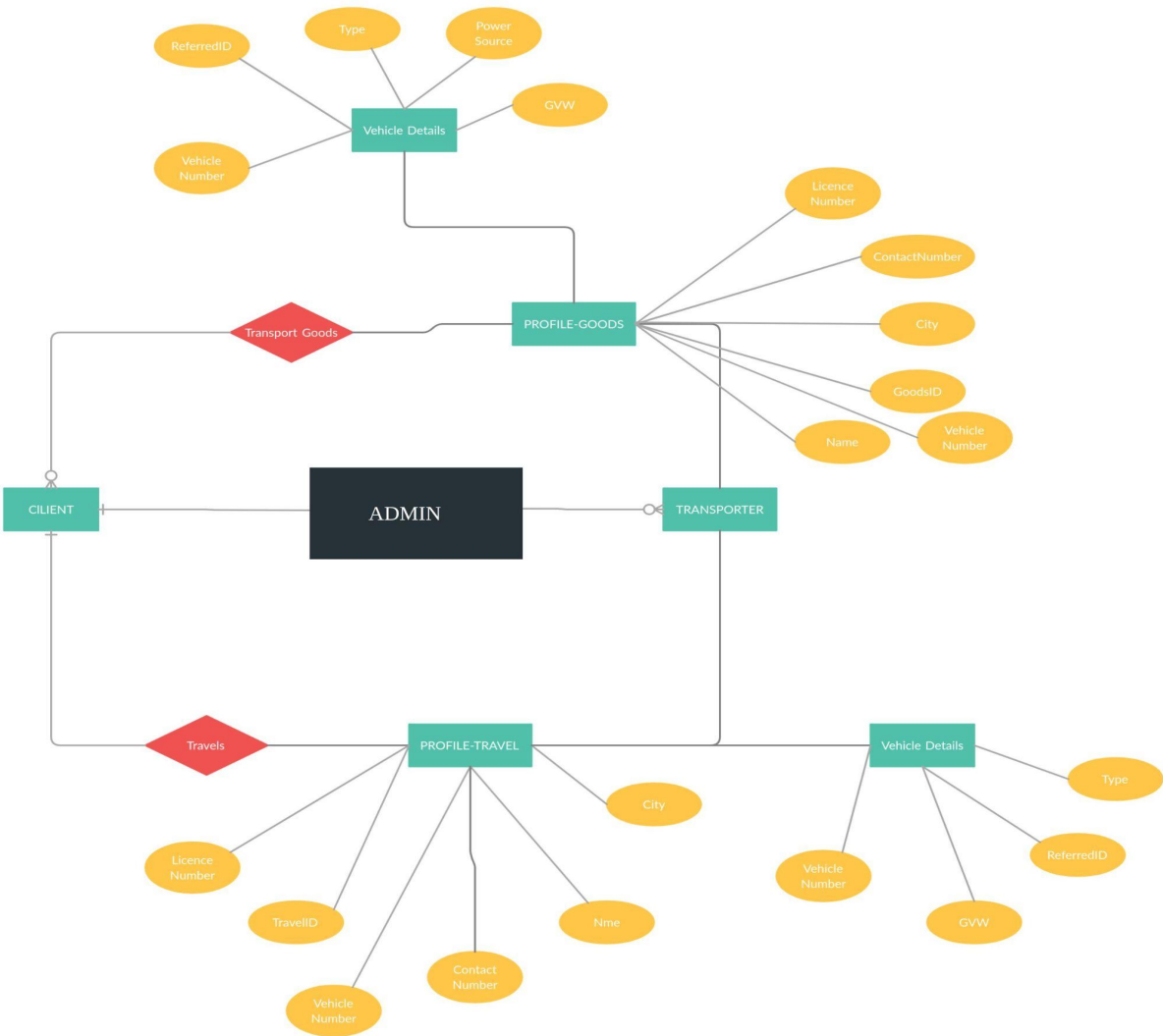- Less options of passive income post covid-19 pandemic.

# Objectives Achieved

- A system that will help the client-side to find the vehicle as per requirement and essential details will be provided.

- Service providers will be able to register their commercial vehicles on our website.

- Maintaining database based on classification of transporters and vehicle details.

# ER DIAGRAM

# Schema
## Diagram

**admin**
- 🔑 ID INT(11)
- ◇ adminName VARCHAR(255)
- ◇ password VARCHAR(255)
- Indexes ▶

**profiletravel**
- 🔑 TravelID VARCHAR(255)
- ◇ name VARCHAR(255)
- ◇ city VARCHAR(255)
- ◇ contactNum BIGINT(255)
- ◇ LicenseNum VARCHAR(255)
- 1 more...
- Indexes ▶
- Triggers ▼
- BEF INSERT incrementer

**profilegoods**
- 🔑 GoodsID VARCHAR(255)
- ◇ name VARCHAR(255)
- ◇ city VARCHAR(255)
- ◇ contactNum BIGINT(20)
- ◇ LicenseNum VARCHAR(255)
- ◇ vehicleNum VARCHAR(255)
- Indexes ▶

**fortrigger**
- ◇ val INT(11)

**vehicledetailstravel**
- ◆ ReferredID VARCHAR(255)
- ◇ type VARCHAR(255)
- ◇ powerSource VARCHAR(255)
- ◇ acType VARCHAR(255)
- ◇ capacity INT(11)
- ◆ vehicleNum VARCHAR(255)
- Indexes ▶

**vehicledetailsgoods**
- ◆ ReferredID VARCHAR(255)
- ◇ type VARCHAR(255)
- ◇ powerSource VARCHAR(255)
- ◇ gvw FLOAT
- ◆ vehicleNum VARCHAR(255)
- Indexes ▶

# Features

- An admin who will have access to all the data regarding the transporters and will be able to perform CRUD(Create-Read-Update-Delete) operations.

- A form on the client side which when filled will help in finding the best vehicle according to requirement.

- Relations maintained between the tables that will maintain the integrity of the database.

# Resources Used



**FRONTEND**

Designing and structuring the website.

**BACKEND**

Bridging the gap between front-end and mysql.

**DATABASE**

Maintaining the database.

# WORK DIVISION

1. **Aayush Dixit**     **-**   **Backend, Frontend**

2. **Suman Kumar**     **-**   **Backend**

3. **Aditya Yadav**     **-**   **Backend**

Link For [GITHUB Repository](#)

THANK YOU!