

# Transportation Management Database System

## Project Overview:

In this project, we are going to design a database for a transportation management company, To provide a centralized database for storing, managing and analyzing transportation data, including information on vehicles, routes and managing driver information.

## Background:

The transportation industry is growing rapidly due to a high demand for travelling. People enjoy these services as they frequently travel for various reasons, such as visiting family or friends, exploring new cultures, personal growth, or simply for leisure. Some people opt to travel by bus or public transportation as it is cheaper and convenient. As the industry grows and the number of people travelling increases, traditional databases can become overwhelmed and result in inefficient information management, leading to waste of resources and money. By studying databases, the transportation companies can provide a more efficient travel service and better customer service.

## Mission Statement / Objectives:

1. Streamlining transportation operations: The system aims to improve operational efficiency by automating and centralizing transportation-related data management.
2. Enhancing decision-making: The system will provide real-time and historical performance data to support informed decision-making and continuous improvement.
3. Improving customer service: The system will help transportation management companies provide better service to customers by streamlining the travel process and reducing wait times.
4. Reducing costs: By reducing manual data entry and reducing the need for paper-based processes, the system aims to lower operational costs.
5. Enhancing security: The system will provide secure access to transportation data and support compliance with data privacy regulations.
6. Supporting business growth: The system will be scalable to accommodate growth and changing business requirements, supporting the continued success of the travel company.

## Project Team 5:

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