

Fleet Management System Streamlining Vehicles Operations



OBJECTIVE:

This project showcases a comprehensive Fleet Management System designed to optimize vehicle management and maintenance across multiple locations. The system provides actionable insights through intuitive dashboards and detailed reports, enabling efficient decision-making and cost control.



KEY FEATURES

1. Vehicle Count Statistics

- Centralized overview of total vehicles, categorized by type and city.
- Real-time updates for accurate monitoring and planning.

2. Dynamic Dashboards

- Vehicle Details Dashboard: Displays comprehensive information on each vehicle, including make, model, registration, and status.
- City-wise Vehicle Count: Insights into the distribution of vehicles across cities.

3. Maintenance Dashboards

- Vehicle-wise and city-wise maintenance cost tracking.
- Historical trends and cost analysis for efficient budgeting.

4. Advanced Reporting

- Automated generation of reports for vehicle count, city-wise distribution, and maintenance costs.
- Exportable data for further analysis and record-keeping.

TECHNOLOGY STACK

Database: Oracle Database for robust and scalable data management.

Backend: PHP for seamless server-side logic and integration.

Frontend: Next.js for an interactive, responsive, and user-friendly interface.

This system demonstrates expertise in creating scalable, data-driven solutions that simplify fleet operations and reduce operational costs. The project highlights my ability to integrate robust technologies and deliver tailored solutions to meet business needs.

