ONLINE COMMERCIAL VEHICLES
SALES AND SERVICE

Abstract

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<u>Abstract</u>

The proposed project aims to revolutionize the commercial vehicle industry by offering a comprehensive solution that addresses the procurement, maintenance, and protection needs of commercial vehicle owners and operators. By consolidating various services such as new vehicle sales, parts delivery, maintenance, and insurance provisions into a single, user-friendly platform, the project seeks to streamline operations and enhance efficiency for customers. A key focus of the project is to optimize parts delivery services, ultimately reducing vehicle downtime and maintenance costs while improving overall productivity and profitability. Through the deployment of an innovative online platform, the project endeavors to redefine industry standards, providing users with a seamless experience for navigating, selecting, and procuring spare parts. In conclusion, the envisioned website holds the potential to significantly transform the automotive sector by offering unparalleled convenience and accessibility in commercial vehicle management.

<u>System Requirements:</u>

Front-End:

• HTML and CSS for building responsive and visually appealing user interfaces.

Back-End:

• Python Django

<u>Modules</u>

1. Admin

2. Users

3. Service

4. Parts manager

5. Sales

6. insurance

7. Delivery

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<u>Admin Module Functionalities:</u>

The admin module acts as the overseer, responsible for monitoring and managing user profiles, service branch information, and staff details. This includes the ability to add new branches and manage associated staff members.

<u>User Module Functionalities:</u>

Users, on the other hand, engage with the platform by registering, browsing spare parts and services, managing their profiles, and facilitating transactions for spare parts purchase and vehicle service bookings,vehicle bookings and insurance.

<u>Service Branch Module Functionalities:</u>

Service branches are equipped with functionalities to oversee service bookings, providing a dashboard to view all appointments and the ability to confirm or reject bookings based on various criteria like availability or service specifics.

<u>Parts Manager Module Functionalities:</u>

The parts manager module handles the inventory of spare parts, allowing for the addition of new parts and the maintenance of existing product details to ensure an up-to-date inventory list.

<u>Sales Module Functionalities:</u>

The sale module handles the inventory of vehicle, adding a new vehicle, vehicle booking manage and previous booking details manage

<u>Insurance Module Functionalities:</u>

New insurance, insurance renewal, Accident claim processing

<u>Admin</u>

- Login
- Add Employees and Branch
- User details view
- Parts details view
- Vehicle Bookings View

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User

- ➢ User registration
- ➢ User login
- ➢ Service booking
- ➢ Service details view
- ➢ Appointment scheduling
- ➢ Spare parts booking
- ➢ View spare parts
- ➢ Add to cart
- ➢ Order placing

Service

- ➢ Login
- ➢ Service booking details view
- ➢ Service confirmation
- ➢ Service details update
- ➢ Vehicle previous details

Parts Manager

- ➢ Login
- ➢ Parts adding
- ➢ Parts Listing
- ➢ Parts update
- ➢ Parts order confirmation
- ➢ Assign to delivery

Sales:

- ➢ Login
- ➢ Access user booking details
- ➢ Customer contact management

Insurance:

- ➢ Apply for new insurance
- ➢ Insurance renewal
- ➢ Accident claim processing

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Delivery:

- ➢ Manage spare parts delivery details
- ➢ Track and update delivery status
- ➢ Coordinate with users for timely delivery