

ONLINE COMMERCIAL VEHICLES **SALES AND SERVICE**

Abstract

The "Integrated Online Platform for Commercial Vehicles Sales and Services" with Insurance and Spare Parts Delivery project presents a comprehensive digital ecosystem that not only facilitates the buying, selling, and servicing of commercial vehicles but also extends its offerings to include insurance services and efficient spare parts delivery. This integrated platform aims to provide a one-stop solution for all commercial vehicle-related needs, enhancing convenience, accessibility, and transparency for stakeholders in the industry.

An integrated marketplace allows users to browse and order genuine spare parts for their commercial vehicles. The platform ensures the availability of authentic parts through partnerships with authorized suppliers.

System Requirements:

Front-End

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

Back-End

Python Django

Modules

- 1. Admin**
- 2. Users**
- 3. Service**
- 4. Parts manager**
- 5. Delivery**

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1. Admin

The Admin module serves as the control center of the platform. Admin users have access to manage user accounts, services, staffs, sales, spare parts suppliers, and delivery processes. They ensure the overall smooth functioning of the platform and handle any necessary adjustments.

2. Users

The Users module is the backbone of the platform, catering to both buyers and sellers. Users can create accounts, manage their profiles, track transactions, and engage in various activities such as scheduling services, and ordering spare parts.

3. Service

The Service module enables vehicle owners to book maintenance and repair services for their commercial vehicles. Users can choose service centers, schedule appointments, view service histories, and receive real-time updates on their vehicle's service progress.

4. Parts Manager

The Parts Manager module is an essential component of the Commercial Vehicle Sale and Service system, responsible for managing the inventory of vehicle parts and facilitating the order and delivery process. This module ensures that the required parts are available for vehicle repairs and maintenance while streamlining the ordering and delivery process for maximum efficiency.

5. Delivery

The Delivery module handles the procurement and delivery of spare parts. It connects users with authorized spare parts suppliers and enables them to order genuine parts online. Users can track the status of their orders and receive updates on the delivery process.

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Mini project topics

Admin

- Login
- View and manage user accounts
- Dealers management
- Monitor payment processes
- Spare parts management

User

- User registration
- User login
- Service booking
- Service details view
 - Appointment scheduling
 - Job card viewing
 - Service alert
- Spare parts booking
- View spare parts
- Add to cart
- Order placing

Service

- Login
- Service booking details
- Service confirmation
- Service details update

Parts Manager

- Login
- Parts adding
- order details view
- Delivery boy assign
- Parts order confirmation

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Delivery boy

- Login
- Parts order details
- Location
- Order delivery