AMAL JYOTHI
COLLEGE OF ENGINEERING
A U T O N O M O U S
K A N J I R A P P A L L Y

WHEELEDDEAL

2OINMCA310 - Mini Project 1

Scrum Master

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DEPARTMENT OF COMPUTER APPLICATIONS

ABSTRACT

Automobile Reselling System

This project proposes the development of an online automobile reselling system, providing a platform for individuals to buy and sell used vehicles. The system enables users to list their vehicles for resale, search for vehicles based on various criteria, and terms of sale. The proposed system aims to streamline the process of buying and selling used vehicles, making it more efficient, convenient, and secure.

Functionalities of the Automobile Reselling System:

User Functionalities

1. **Registration:** Users can register themselves on the platform using their email, phone number, and password.
2. **Login:** Registered users can log in to the platform using their credentials.
3. **Vehicle Listing:** Users can list their vehicles for resale and including details such as make, model, year, price, and photos.
4. **Vehicle Search:** Users can search for vehicles based on criteria such as make, model, year and price
5. **Vehicle Details:** Users can view detailed information about each vehicle, including photos, features and condition.
6. **Payment:** Buyers can make payments through a secure payment gateway for purchases.

Admin Functionalities

1. **User Management**: Admins can manage user accounts, including registration, login, and account updates.

2. **Vehicle Management**: Admins can manage vehicle listings, including adding, editing, and deleting listings for resale.

3. **Transaction Management**: Admins can manage transactions, including processing payments and resolving disputes.

4. **Reporting**: Admins can generate reports on system activity, including user registration, vehicle listings and transactions

User Dashboard

1. **Vehicle Listings:** Display a list of vehicles listed by the user.
2. **Account Settings:** Allow users to update their account information.
3. **Car Wishlist:** Allow users to create a Wishlist of cars they are interested in.
4. **Price Tracking:** Allow users to track the prices of cars on their Wishlist.

Admin Dashboard

1. **User Management:** Display a list of all registered users.
2. **Vehicle Management:** Display a list of all vehicle listings.
3. **Transaction Management:** Display a list of all transactions.
4. **Reporting:** Generate reports on system activity, including sales and user engagement.

Seller Dashboard

1. **Vehicle Listings**: Display a list of vehicles listed by the seller.
2. **Listing Status**: Display the status of each vehicle listing (e.g. "Active", "Sold", etc.).
3. **Sales Report**: Generate a report on sales activity.
4. **Test Drive Scheduling**: Allow sellers to manage test drive appointments for their vehicles.
5. **Test Drive Availability**: Allow sellers to manage the availability of their vehicles for test drives.
6. **Booking Confirmation**

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Buyer Dashboard

1. **Purchase History**: Display a list of vehicles purchased by the buyer.
2. **Payment Status:** Display the status of payments made by the buyer.
3. **Car Wishlist:** Display a list of cars on the buyer's wishlist.
4. **Price Tracking:** Display the current prices of cars on the buyer's wishlist.
5. **Requesting a Test Drive:** Allow buyers to request a test drive for a vehicle.
6. **Test Drive Booking:** Allow buyers to book a test drive for a vehicle, including selecting a date and time.

Technical Requirements

1. Front-end: HTML, CSS, and JavaScript

2. Back-end: A server-side programming language like PHP and a database management system like MySQL.