🚗 Car Customization System

A Web-Based Vehicle Configuration & Quotation Platform

OVERVIEW 📖📖

The **Car Customization System** is a dynamic web application developed using **PHP and MySQL**. It allows users to interactively customize a vehicle by selecting various configurations (Color, Engine, Interior, Variant).

The system calculates the total price in real-time and provides a detailed quotation. A unique feature of this project is its ability to **email the final quotation** directly to the user.

GOALS

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SPECIFICATIONS

🔐 User Authentication:** Secure Login and Registration system to manage user sessions.

🎨 Live Customization:** Users can choose from different:

   Colors** (e.g., Red, Blue, Black)

   Engine Types** (e.g., V6, V8, Hybrid)

   Interiors** (e.g., Leather, Fabric)

   Variants** (e.g., Standard, Premium)

💰 Dynamic Pricing:** The total cost updates automatically based on selected options.
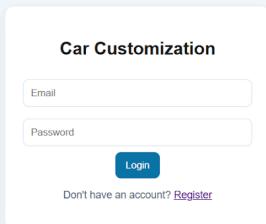
📧 Email Integration:** Generates a summary and sends a quotation email to the client using PHP Mailer / SMTP.

📱 Responsive Design:** Clean and user-friendly interface.

📷 Project Screenshots

1. Login Interface
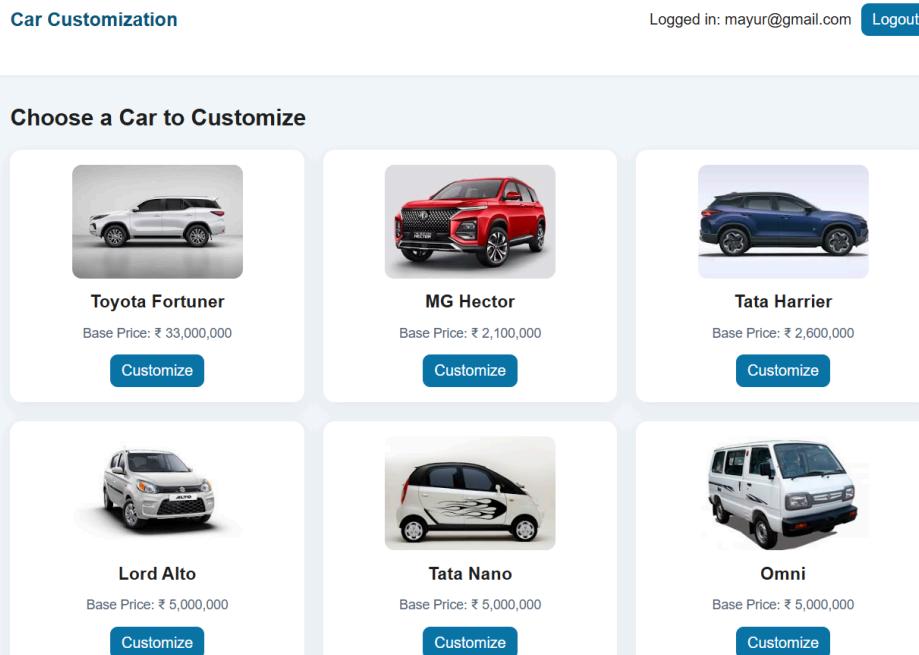
Users can login with email and password. if do not have account, can register.

2. Customization Interface

Users can select different options, and the system updates the price dynamically.

3. Quotation Summary

A detailed breakdown of the base price and added customizations.

4. Email Notification

Proof of the automated email sent to the customer.

🛠️ Technologies Used

Frontend: HTML5, CSS3, JavaScript

Backend: PHP (Native)

Database: MySQL (Relational Database)

Server: Apache (via XAMPP/WAMP)

🚀 How to Run This Project

Since this project uses PHP and MySQL, it requires a local server.

1. Download & Install XAMPP.

2. Clone the Repository:

   Download this project and extract it to `C:\xampp\htdocs\car_customization.

3. Setup the Database:

   Open **phpMyAdmin** (`http://localhost/phpmyadmin`).

   Create a new database named `car_customization`.

   Import the `database.sql` file provided in this folder.

4. Configure Email (Optional):

   Update `thankyou.php` or `sendmail.ini` with your SMTP credentials to enable email sending.

5. Run the Project:

   Open your browser and go to `http://localhost/car_customization`.

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