



# 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.

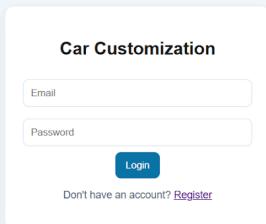
Email Integration:\*\* Generates a summary and sends a quotation email to the client using PHP Mailer / SMTP.

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

## 📸 Project Screenshots

### ### 1. Login Interface

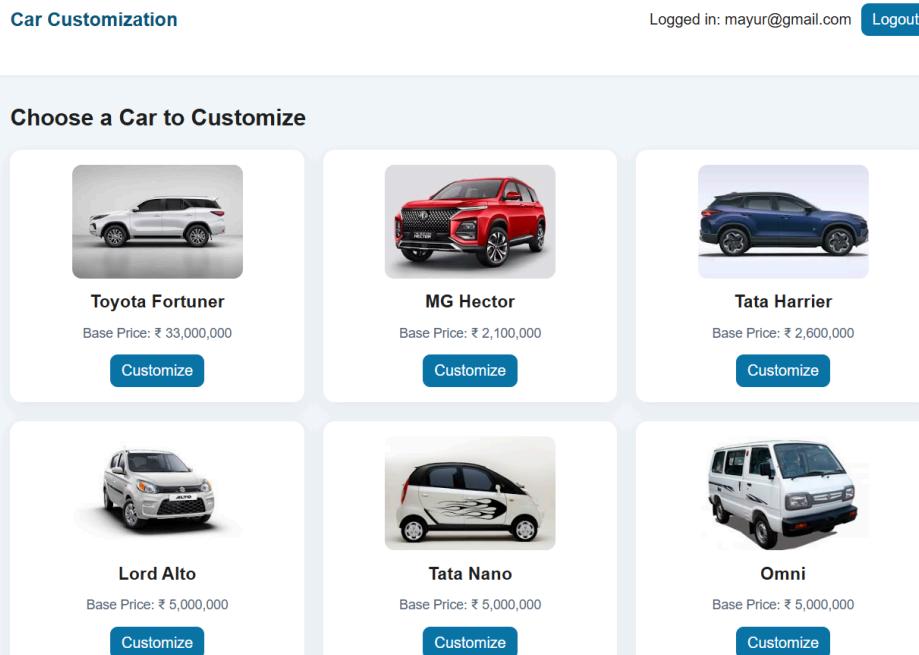
Users can login with email and password. if do not have account, can register.



The screenshot shows a simple login form titled "Car Customization". It contains two input fields: "Email" and "Password", a "Login" button, and a link "Don't have an account? [Register](#)".

### ### 2. Customization Interface

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



The screenshot shows a "Car Customization" interface. At the top, it displays "Logged in: mayur@gmail.com" and a "Logout" button. Below this, the heading "Choose a Car to Customize" is shown. A grid of six car models is displayed:

Car Model	Base Price	Action
Toyota Fortuner	₹ 33,000,000	<a href="#">Customize</a>
MG Hector	₹ 2,100,000	<a href="#">Customize</a>
Tata Harrier	₹ 2,600,000	<a href="#">Customize</a>
Lord Alto	₹ 5,000,000	<a href="#">Customize</a>
Tata Nano	₹ 5,000,000	<a href="#">Customize</a>
Omni	₹ 5,000,000	<a href="#">Customize</a>

### ### 3. Quotation Summary

A detailed breakdown of the base price and added customizations.

#### Car Customization



**Tata Harrier**  
Base Price: ₹ 2,600,000

Color: Blue (+₹0)  
Engine: Petrol (+₹0)  
Interior: Standard (+₹0)  
Variant: Base (+₹0)

Final Price Preview: ₹ 26,00,000

**Get Quotation**

Back Logout

### ### 4. Email Notification

Proof of the automated email sent to the customer.

#### Quotation Summary



**Tata Harrier**

Color: Blue  
Engine: Petrol  
Interior: Standard  
Variant: Base

Total Price: ₹ 2,600,000

fixbuddy04@gmail.com

**Send Quotation**

Home Logout

#### Car Quotation for Tata Harrier

mayurparmar564@gmail.com  
to me ▾  
Hello,  
  
Thank you for visiting Car Customization - Mayur.  
Here is the quotation you requested:  
  
Car Model: Tata Harrier  
Total Price: ₹ 2,600,000  
  
We hope to see you soon!

Reply Forward

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## 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`.

## Author

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