



# 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.

Car Customization

Email

Password

Login

Don't have an account? [Register](#)


### ### 2. Customization Interface

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

Car Customization

Logged in: mayur@gmail.com [Logout](#)


Choose a Car to Customize



Toyota Fortuner

Base Price: ₹ 33,000,000


Customize



MG Hector

Base Price: ₹ 2,100,000


Customize



Tata Harrier

Base Price: ₹ 2,600,000


Customize



Lord Alto

Base Price: ₹ 5,000,000


Customize



Tata Nano

Base Price: ₹ 5,000,000

Customize



Omni

Base Price: ₹ 5,000,000


Customize

### ### 3. Quotation Summary

A detailed breakdown of the base price and added customizations.

Car Customization

BackLogout



**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


### ### 4. Email Notification

Proof of the automated email sent to the customer.

Quotation Summary

HomeLogout

Tata Harrier



• Color: Blue

• Engine: Petrol

• Interior: Standard

• Variant: Base

Total Price: ₹ 2,600,000

fixbuddy04@gmail.com

Send Quotation

Car Quotation for Tata Harrier

Inbox x

mayurparmar5054@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!

ReplyForward

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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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\*Created for **WebTechnology** Subject (Semester -5 ) Nov-2025 / / Academic Submission.\*