



The project Car-Rental-program is an interactive, responsive web application designed to serve as an online car rental. The website provides users with a seamless shopping experience by offering essential features such as product browsing, search and filter tools, a rental system, user authentication. It also includes an admin panel for website management.

## Objectives

- Create a user-friendly, responsive website for renting cars.
- Implement user authentication with login and sign-up pages.
- Allow customers to search and filter cars by categories.
- Provide an admin dashboard to manage cars, users, and orders.
- Store and retrieve data securely using a connected database.

## Features

### User Side:

- Login Page:

Secure login form to allow registered users to access their account.

- Sign-Up Page:

New users can register with basic credentials stored in the database.

- Product Listings:

All cars are displayed with images, descriptions, and prices per day.

- Filter by Category:

Users can filter cars by brand, price, or model for easier browsing.

- Search Function:

Real-time search bar to quickly find desired cars.

- Reservation System:

Users can view cars in their Account after renting the car.

- office Delivery Service:

Customers can enter their address and place orders for near office receiving the rented car.

### Admin Side:

- Admin Login:

Admins have a separate login to access restricted tools.



- Admin Dashboard:

Admin can:

- Add, update, or delete products.
- View and manage user accounts.
- Handle customer orders and delivery status.

### Technologies Used

- HTML: Structure of the website and user interface elements.
- CSS: Styling for layout, responsiveness, and visual appeal.
- JavaScript: Frontend interactivity including search, filter, and cart logic.
- Database (PHP MyAdmin): Store user data, car info, and order records.

### Database Integration

- Customers Table: Stores user credentials and profile data.
- Cars Table: Stores cars details, categories, prices per day.
- Reservations Table: Manages customer orders, renting info, and status.
- Office Table: manages the locations of the offices
- Admin Table: Stores admin credentials and permissions.

**\*\*Could be more\*\***

### Conclusion

The Car-Rental-Program website serves as a complete solution for mobile phone retailing online. With modern web technologies, responsive design, user authentication, a full shopping system, and admin management, the project demonstrates practical implementation of e-commerce fundamentals using HTML, CSS, and JavaScript.

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