COMSATS UNIVERSITY ISLAMABAD

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**Abstract**  
This project is a web-based platform designed to facilitate automobile sale and purchase agencies in maintaining business records while also allowing customers to view available vehicles. The system features a client-side developed using HTML and CSS, while the server-side is powered by PHP. It includes a vehicle listing section with images and descriptions, along with a user authentication system for secure access. The website serves both agency employees for record management and customers for vehicle exploration.

**Introduction**  
Automobile sales and purchase agencies require efficient systems to manage inventory and provide customers with an easy way to explore available vehicles. This project aims to bridge that need by offering a dynamic web application where agencies can maintain vehicle records and customers can browse vehicles effortlessly. The system leverages PHP for backend processing and authentication, ensuring secure access for different user roles.

**Service**  
The website provides a structured interface where automobile agencies can enter, update, and manage records of vehicles available for sale or purchase. Customers can access the platform to view details and images of listed vehicles. The system ensures data integrity by implementing user authentication, allowing only authorized personnel to modify business records.

**Key Features**

* **User Authentication:** Secure login system using PHP to differentiate agency users from customers.
* **Vehicle Listing with Images:** Display multiple automobiles with their respective details and pictures.
* **Client-Side Design:** Responsive and visually appealing interface developed with HTML and CSS.
* **Server-Side Processing:** PHP-powered backend to manage vehicle records and user authentication.
* **Multi-User Access:** Both customers and agency users can interact with the platform in different capacities.

**Usage**

* **For Agencies:** Employees can log in to enter, update, and manage vehicle records efficiently.
* **For Customers:** Visitors can browse vehicle listings, view details, and access images without authentication.
* **Future Enhancements:** Planned features include advanced search and filtering options to improve usability for customers.

This project serves as a foundational step toward a comprehensive automobile sales management system, aiming for future scalability and feature expansion.