PREOWNED CARS AND BIKES SYSTEM

* Title :- Preowned Cars and Bikes System
* Project Description :-

Through this platform users will be able to buy and sell preowned Cars and Bikes seamlessly and effortlessly through trusted listings,Convenient search tools,transparent pricing,userfriendly interfaces.For people Who want to sell their vehicle,this platform allows to create detailed listing of their vehicle with photos,description,ownership records,vehicle history,maintainance records,condition,and set a competitive price based on value of vehicle in market and its Condition.This platform will help sellers to reach potential buyers and receive inquiries and messages from interested Buyers.Similarly this platform will also help the people who are looking for a preowned vehicle.The Buyers will be able to easily find the vehicle according to their requirements.

* WHY THIS TOPIC ?

In todays time the prices of new cars and Bikes are increasing day by day. So lots of people go for 2nd hand vehicle option.However the traditional process of buying and selling preowned cars/bikes through dealership can be a frustrating and time-consuming process. Because of limited options,lack of transparency and need to physically visit multiple dealers to find right vehicle or buyer.There are many websites available on the internet.But this one will have various features like,listing modification interface,providing vehicle history reports,virtual tour experience,Instant messaging,Car Inspection service,user review and rating interface.So the goal is to develop a system on which people can easily and seamlessly sell and buy both used cars/bikes with Confidence.

* OBJECTIVES :-

1. To eliminate the old method of visiting the 2nd hand vehicle dealers and examining the vehicle.
2. To provide a platform that will help sellers to reach a wide rance of potential buyers.
3. To provide advance search filters for searching vehicles according specifications,brand,model,etc.
4. To provide detailed listing that will give information,high-quality images,features,etc.
5. To provide transparent pricing information without including any hidden charges or fees.
6. To provide direct communication between Buyers and Sellers.
7. To provide user-friendly interface for sellers to create and manage Ads of their vehicles.
8. To provide Inspectionist finder tab for inspection of vehicles.

* SCOPE :-

The scope of the system is to provide a platform that directly connects Buyers and Sellers across India and help them for selling and buying cars/bikes.

* METHODOLOGY :-

For developing this system I would use an iterative approach.Because feedback of previous iteration will help to improve the next iteration.

* PROPOSED ARCHITECTURE :-

For developing this project iam using 2-tier architecture i.e divide and organize the website into 2-main parts :-

1. Client Side :- This part will contain all the user interfaces that will run on users device and take inputs from users.
2. Server Side :- This part will contain all the logic parts and data storage of the website,Thechanges will be done in this part when user de modification in frontend to do so logics are used present.

* REQUIREMENTS :-

1. Software Requirements :-
   * + - Front-End :- HTML,CSS,JavaScript,BootStrap,Ajax,Jquery.
       - Back-End :- PHP
       - DataBase :- MYSQL
2. Hardware Requirements :-

* Processor :- AMD Ryzen 5200H or Intel i3 or newer
* Ram :- 2 GB – 4 GB
* Hard-Disk :- 256 GB SSD
* Monitor :- 1200 x 800 screen resolution

1. PLATFORM :-

* Visual Studio Code
* CONTRIBUTION :-

The website will help and assist users for buying and selling preowned vehicles.The sellers can easily make their vehicle listing on website and reach potential buyers.Similarly the Buyers can use search filters,user friendly interface for finding the best vehicle according to their requirements and providing direct communication between buyers and sellers. This system helps the buyers and sellers to view and list the vehicles online rather than visiting the vehicle location physically.

* CONCLUSION :-

This system eliminates the old method of physically visiting the place where the vehicle is standing and examining the vehicle or visiting the 2nd hand car,bike dealer for selling the vehicle at desired price. This platform connects both buyers and sellers directly to provide a seamless and trustful experience and save their time and energy.whith this platform the users can buy and sell preowned vehicles easily and effortlessly.