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| **House of Cars** |
| **Report on Auto Car Price System** |
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# Acknowledgement

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# Abstract

The purpose of this project is to provide a website to customers, which gives data about the manufacturers, their details, contact numbers and address. One website does not give data about two different companies. The Auto Car Price System eliminates most of the limitations of the existing software.

# Introduction

This project is about auto mobile search engine. The three elements of an introduction are: context, problem, and response.

This project is for the user who can get the detail about the car prize, according to the currency in their country, It will give you detail about latest car prices of your choice cars. This project will give data of all the corolla models from all around the world and other cars.

There is no website in the world which gives a ten year data of corolla models for latest prices of cars, which is according to country currency, for the users.

Since this gives a latest detail of car with respect to each country currency, thus the user can see and search any corolla model from any apart of the world related to their currency.

There is no website which gives data about the manufacturers, their details, contact numbers and address. One website does not give data about two different companies.

# Goals and Objective

Main objective of this website is reach customers who want to search for data of corolla and other cars.

The project tells us about car price, name, model, and image, it also tells about manufacturers, country, name and number. It gives customer password, name, email, phone number, ID, and feedback. Price of car is also available, according to currency country.

Allow users to create accounts and add new persistent data

* Read data from the server and present it on a webpage
* Allow admin to update their existing data
* Allow admin to delete their own data and accounts
* Do all of the above without reloading the webpage (Ajax)
* Allow user to show all data.

# Proposed System

The Auto Car Price system is easy to use application. This system makes all functionality easier for both manufacturers and customers. The design is very simple and easy to implement. The system requirements are very low. The system and its resources will work in almost all configurations.

# Modules

The two modules in this system are described briefly below:

* **Admin module:** This user is an admin who has full rights on the system.
* **User module:** This is a normal level of user who is very little number for functionality of website.

## Administrative Module

This module includes storing and retrieving the details of the data.

* Create, Insert, Update, Delete
* Creating Data for car, customer and feedback
* Insert details of car, customer and feedback
* Update car, customer and feedback data
* Delete car, customer and feedback data

## User Module

Depends on the privilege user’s access to features of the application is granted. Following are the some important functionality of user module.

* Search for car and manufacturer detail
* Give feedback

# Application Requirements

User Interface**:**

* HTML has been used for developing the user layout for the system.
* PHP and JavaScript has been used for creating all the validations and client side scripting functionality.
* CSS has been used for designing the web page of the system.
* Bootstrap
* Ajax

Application**:**

* Client on Internet: Web Browser, Operating System (Any)
* Web Server: Apache
* Database: MySQL
* Markup Language: HTML, CSS
* Scripting Language: PHP, JavaScript, JQuery

# Hardware and Software Tools

* Processor (CPU) with 2 gigahertz (GHz) frequency or above
* A minimum of 2 GB of RAM
* Monitor Resolution 1024 X 768 or higher
* A minimum of 20 GB of available space on the hard disk

**Software**

* Mozilla Firefox
* Google chrome
* Notepad++
* Sublime text

# System Implementation

## Implementation Methodology

We follow the MVC design pattern for developing our system. Model–view–controller (MVC) is a software design pattern for implementing user interfaces on computers. It divides a given software application into three interconnected parts, so as to separate internal representations of information from the ways that information is presented to or accepted from the user.

* **Model:** The model manages the behavior and data of the application domain, responds to requests for information about its state (usually from the view), and responds to instructions to change state (usually from the controller).
* **View:** The view manages the display of information.
* **Controller:** The controller interprets the mouse and keyboard inputs from the user, informing the model and/or the view to change as appropriate.

# Future Work

The project has been developed in a very short period of time and all efforts have been taken so that this project is very efficient in its execution there still exists some scope of improvement in our project. The following lists some of the enhancement that can be added incorporate into the project.

Application of the project can be done more attractively. Database management and all maintenance module can be updated which helps the administrator. More security measures can be taken.

There are also few features which can be integrated with this system to make it more flexible. Below list shows the future points to be consider:

* Face recognition security
* Transparent payment system for cars
* More car companies with their latest models can be include
* Public relations with different media channels
* All Cars details with features and prices
* Bikes can also be included in the system

# Conclusions

The “Auto Car Price System” is successfully designed and developed to fulfilling the necessary requirements, as identified in the requirements analysis phase, such as the system is very much user friendly, form level validation and field level validation are performing very efficiently. Vehicle buying is a big decision and carries a lot of research and responsibility. However, if done right, you will save money, time, and end up with a wonderful vehicle. Insuring that you have all the information you need is very important. The HOUSEOFCARS.com guide could make all the difference when choosing to buy or not.

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