MINI PROJECT REPORT ON

Used Cars Selling and Buying Platform

Submitted in partial fulfillment of the requirements for the award of

Bachelor of Computer Application

At

BISHOP SPEECHLY COLLEGE FOR ADVANCED STUDIES
PALLOM, KOTTAYAM

Submitted By

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Under the guidance of
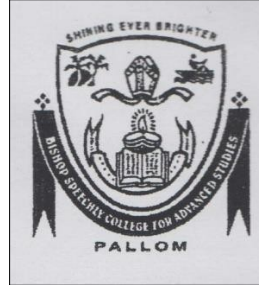# RAJAGOPAL K R

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BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Used Cars Selling and Buying Platform**" is the bonafide record of work done by **Steve S** in the partial fulfillment of requirements of the award of the degree **BACHELOR OF COMPUTER APPLICATION** of the Mahatma Gandhi University, Kottayam during the academic year 2021-2022.

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Examiner 2:

Place: PALLOM
Date:

DECLARATION

I hereby declare that this mini project work entitled **"Used Cars Selling and Buying Platform"** is the result of the original work done by **STEVE S** and to the best of my knowledge and during the period of study **2019-2022 at BISHOP SPEECHLY COLLEGE FOR ADVANCED STUDIES, PALLOM, KOTTAYAM.** This project report is submitted as per the partial fulfillment of requirements for the award of **Bachelor of Computer Application of Mahatma Gandhi University.**

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1.   INTRODUCTION

ABSTRACT

Online Used Cars Selling Platform

An Online used cars selling platform project is a web based application developed for users to post their ads for vehicle resale. This system overcomes the problem of searching for a second hand vehicle. People usually go to garages and showrooms in search for their desired second hand vehicle that they wish to buy that becomes tedious at a point and even consumes a lot of time. Hence the project helps users to get their desired vehicle details online at a single place.

In the Proposed System, the application can maintain car details like manufacturer, year of manufacturing, price and model etc. We can also view all the car details which are kept for sale effectively and we can search for our desired car. With this Customer can get the information quickly like car details which have been entered clearly

Modules:

This application mainly consists of 3 modules: admin module, buyer module, seller module.

  Admin Module

This module is purely for an administrator of the site. He can view the users and dealers. He can approve or deny a seller's ad and if approved the ad is shown in the viewing all car module. He also receives an overview of the site's status when he comes online.

  Buyer Module

Buyer can view all the car ads which are uploaded by the buyers. Buyer

can book the car and contact the seller. Here in this module, buyers can view car details in order to book the car. This information will be helpful for the customers to know about car details and contact the seller.

 Seller Module

Seller can create their ad via the Adding car module. All notifications for the ad's will be visible here. This module is only visible for the seller. The seller can create and upload their ad from this module which will be sent for admins approval.

TECHNOLOGIES USED:

Front-end: HTML, CSS, Bootstrap
Back-end: PHP, MySQL
Version control: Git/GitHub
Code Editor: VS Code

ABOUT THE ORGANIZATION:

Our goal is to create a well designed responsive web application that can help both buyers and sellers to buy or sell their cars with ease. The website is designed to be very responsive, that is it will adjust and configure according to the type of device the user is using to view the web page. There is a dedicated user or an Admin user to oversee every users transactions and data, to ensure no unwanted behavior.

EXISTING SYSTEM:

Existing system for used cars selling and buying are very unethical and not secure. It collects users data and might misuse them. Old ways of offline seller and buyers are also common which often turns out to be frauds or not trustworthy. People usually get tricked into buying damaged cars by these system.

PROPOSED SYSTEM:

In comparison to the existing systems the proposed system will be efficient in providing a market for various individuals to sell cars in a single platform and the buyers just have to use this application and have to send a request for his desired vehicle. This system saves time and effort for both seller and buyer.

2. SYSTEM REQUIREMENTS

INTRODUCTION

System Requirements Specification is a structured collection of information that incorporates the requirements of a system. This gives an idea about the system specification required to develop and install the project "USED CARS SELLING AND BUYING PLATFORM". The System Requirements Specification is a technical specification of requirements for the software product. The goal of software requirements definition is to completely and consistently specify the technical requirements for the software product. One of the most difficult task is selecting software, once the system requirements is find out then we have to determine whether a particular software package fits for those system requirements, This selection summarizes the application requirement.

HARDWARE SPECIFICATIONS:

PROCESSOR   : intel Pentium or higher

RAM   : minimum 2 GB

HARD DISK   : minimum 128GB

SOFTWARE SPECIFICATIONS:
- Operating system   : Cross-Platform
- Front-end   : HTML, CSS, Bootstrap
- Back-end   : PHP, MySQL
- Version control   : Git/GitHub
- Code Editor   : VS Code

ABOUT DEVELOPMENT TOOLS:

HTML

HTML stands for Hypertext Mark-up Language, was invented by Tim Burners Lee. It is a simple text formatting language used to create hypertext documents. It is a platform independent language unlike most other programming languages. HTML is neutral and can be used on any platform or desktop. It is this feature of HTML that makes it popular as standard on the WWW. This versatile language allows the creation of hypertext links, also known as hyperlinks. The language used to develop web pages is called Hyper Text Mark-up Language (HTML). HTML is the language interpreted by a browser. HTML is specified as TAGS in an HTML document (i.e. the web page).

- HTML TAGS:

Tags are instructions that are embedded directly into the text of the document. An HTML tag is a signal to a browser that it should do something other than just throw text up on the screen. By convention all HTML tags begin with an open angle bracket (<) and end with a close angle bracket (>).

- THE STRUCTURE OF AN HTML PROGRAM:

Every HTML program has a rigid structure. The entire web page is enclosed within <html></html> tags. Within these tags two distinct sections are created using the <head></head> tags and the <body></body> tags.

CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content,

including layout, colors, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

BOOTSTRAP

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

Bootstrap is an HTML, CSS & JS Library that focuses on simplifying the development of informative web pages (as opposed to web apps). The primary purpose of adding it to a web project is to apply Bootstrap's choices of color, size, font and layout to that project. As such, the primary factor is whether the developers in charge find those choices to their liking. Once added to a project, Bootstrap provides basic style definitions for all HTML elements. The result is a uniform appearance for prose, tables and form elements across web browsers. In addition, developers can take advantage of CSS classes defined in Bootstrap to further customize the appearance of their contents. For example, Bootstrap has provisioned for light- and dark-colored tables, page headings, more prominent pull quotes, and text with a highlight.

PHP

PHP is a general-purpose scripting language geared towards web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994. The PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home

Page, but it now stands for the recursive initialism *PHP:* Hypertext Preprocessor.

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside the web context, such as standalone graphical applications and robotic drone control. PHP code can also be directly executed from the command line. PHP will work with virtually all database software, including Oracle and Sybase but most commonly used is freely available MySQL database.

DBMS DESCRIPTION

A database is a collection of inter related data stored with minimum redundancy to serve many users quickly and efficiently. The general objective of database design is to make the database access easy, inexpensive and flexible to the user. Database design is used to define and then specify the structure of business used in the client/server system. A business object is nothing but information that is visible to the users of the system. The database must be normalized one. Database design is one of the important parts in developing software. It is a process of developing the conceptual model of data. It minimizes the artificiality embedded in using separate files. It is a definition of the entire information content of the organization and it specifies a relation between the data.

The primary objectives are fast response time to inquiries, more information at low cost, control of redundancy, clarity and ease-of-use

and program independence, accuracy and integrity of the system, fast recovery, privacy and security of information and availability of powerful and user languages. For designing a table, the analyst must decide the fields of the tables, types of the fields, field length, default values etc. For this firstly the entity and relationship must be identified. Secondly, their attributes must be specified. This method of organizing the data table is known as normalization.

The data structure can be later redefined through a normalization process that groups data in the simplest way possible so that later changes can be made with ease. Normalization is designed to simplify relationship and establish logical links between files without losing information. An inherit problem is data redundancy and the inefficiency it generates. In other words, normalization implies splitting the tables into two or more tables with fewer columns. Most designing techniques try to reach and a few 4NF, but many reach 5NF.

The six normalization rules are:

- 1NF – each row or column must have a single value with no repeating values.

- 2NF – each non-key column must depend on the primary key column.
- 3NF – no non-key column can depend on another non-key column.
- BCNF – no attribute of a composite key depends on the attribute of another composite key.
- 4NF – an entity cannot have a 1:1 relation between key column and non-key column.
- 5NF –if and only if every non-trivial join dependency in it is implied by the candidate key.

- It is also known as project join normal form.

OPERATING SYSTEM

Cross-platform software is a type of software application that which

works on multiple operating systems or devices, which are often referred to as platforms. A platform means an operating system such as Windows, Mac OS, Android or iOS. When a software application works on more than one platform, the user can utilize the software on a wider choice of devices and computers.

The benefit of a cross-platform software app or program is that you can use the same program whether you're on a Windows PC or whether you're logging in from your laptop or smartphone. The Microsoft Office suite of applications, which includes Word, Excel, and PowerPoint, are available on Windows, Mac OS, iOS (iPhone/iPad) and Android. While there are differences based on how the platforms work, you'll have a similar experience within the application between all of your devices.

Having a similar experience across any platform means there's a much smaller learning curve, if one even exists at all, so you'll be more productive and be able to use a software product you're familiar with regardless of the operating system or device you choose. In addition, your files can be moved much more easily between your devices so you can use the software with whatever device you have with you at the time. And there's a way to keep all of your work in sync across all of your devices, by using the cloud.

3.REQUIREMENT SPECIFICATION

INTRODUCTION

Software Requirement Specification(SRS) is the requirement document that provides the technical specification for the design and development of the software. This document enhances the system's quality by formalizing communication between the system developer and the user. And provides the proper information for accurate documentation this produces a consequence of the analysis task at its culmination.

The information description provides a detailed description of the problem that the software must solve. Information content, flow and structure are documented and hardware, software and Human interface are described.

A description of each function required to solve the problem is presented in the functional description.

The behavioral description Section of the specification examines the operation of the software. As a consequences of external events and internally generated control characteristics Validation criteria are perhaps the most important and, ironically, the most often neglected stein of the SRS: Specification of validation criteria act as an implicit review of all other requirement.

Finally, the specification includes a Bibliography and Appendix. The bibliography contains references to all documents that relate to the software. The appendix contains information that supplements the specification. For example, tabular data, charts, description for algorithms etc.

FEASIBILITY STUDY

The purpose of the feasibility study is not to solve the problem, but to determine the problem is worth solving.

This helps to decide whether to proceed with the problem or not. It involves the analysis of the problem & collection of all relevant information relating to the product such as items that would be input to the system, processing required to carried those data, the output data required to be produced by the system as well the various constraints on the behavior of the system. "Web based placement management system" had undergone the feasibility study so that the proposed system is possible for development deployment in our college. The feasibility study concentrates on the following, such as

- **ECONOMIC FEASIBILITY**

The economic feasibility study evaluates the cost software development against the ultimate income or benefits get from the developed system. There must be scope for profit after the success completion of the project.

- **TECHNICAL FEASIBILITY**

Technical feasibility study compares the level of technology available in the software development firm and the level of technology required for the development of the product. The level of technology consists of the programming language, the hardware resources, other software tools etc.

- **OPERATIONAL FEASIBILITY**

Operational feasibility study tests the operational scope of the software to be developed. The proposed software must have high operational feasibility. The usability will be high

4. SYSTEM DESIGN

INTRODUCTION

System design involves translating information requirements and conceptual design into technical specification and general flow of processing. After the user requirements are identified, related information is gathered to verify the problem and after evaluating the existing system, a new system is proposed. The proposed system consists of various tables, their maintenance and report generation.

For design of get unsettled software, care has been given for developing an efficient system, which is user friendly as well as high in performance. It has been assured that the system will have the functions and promises of the proposed system. In the system, the various techniques are used to present a simple efficient system. Design phase acts a bridge between the software requirement specification and the implementation phase, which satisfies the requirements.

The major step in design is the preparation of input forms and the design of all major output forms in a manner acceptable to the user in all aspects. The base lies in the complete understanding of the system. The data flow diagrams explicitly specify the process flow. Table design or database design is the next major step. Extreme care has to be given here and several concepts of normalization have to be applied at many levels.

Program specification comes next. Here we specify various aspects of the program and also will in detail the major components used in the program. The overall process flow is also explained in much detail.

Validation rules and checks come next. Several degrees of validation have to be applied to all outputs and various other operations made on the system. Deviation, if any, has to be checked from these validation rules, imposing the "not null" constraint is one of the best examples. It has been

used many aspects. Various other constraints are also used. Security checks refer to avoiding unnecessary access to data that is under use and guarding data from any malice.

Inputs, outputs have to be designed as per predefined guidelines. Effective and meaningful navigation has to be applied. In the input design, the user-oriented inputs are converted into computer-based formats whereas in the output design, the emphasis is on producing the hard copy or soft copy of the information requested for.

DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a diagram that describes the flow of data and the processes that change data throughout a system. It's a structured analysis and design tool that can be used for flow-charting in place of or in association with information. Oriented and process oriented system flowcharts. When analysts prepare the Data Flow Diagram, they specify the user needs at a level of detail that virtually determines the information flow into and out of the system and the required data resources. This network is constructed by using a set of symbols that do not imply physical implementations. The Data Flow Diagram reviews the current physical system, prepares input and output specification, specifies the implementation plan etc.

Throughout the project, the context flow diagrams, data flow diagrams and flow charts have been extensively used to achieve the successful design of the system. In our opinion, "efficient design of the data flow and context flow diagrams helps to design the system successfully without much major flaws within the scheduled time". This is the most complicated part in a project. In the designing process, our project took more than the activities in the software life cycle. If we design a system efficiently with all the future enhancements, the project will never become junk and it will be operational.

Four basic symbols are used to construct data flow diagrams. They are symbols that represent data source, data flows, and data transformations and data storage. The points at which data are transformed are represented by enclosed figures, usually circles, which are called nodes.

CONSTRUCTING DFD:

Several rules of thumb are used in drawing a DFD. Process should be named and numbered for easy reference. Each name should be a representative of the process. The direction of flow is from top to bottom and from left to right.

When a process is exploded into lower-level details, they are numbered. The names of data stores, sources and destinations are written in capital letters. Process and data flow names have the first letter of each word capitalized.

To construct a Data Flow Diagram, we use,

- Arrows
- Circles
- Open ended boxes
- Rectangles

Five rules for constructing a Data Flow Diagram:

- Arrows should not cross each other.
- Squares, circles and files must bear names.
- Decomposed data flow squares and circles can have same names.
- Choose meaningful names for data flow.
- Draw all data flows around the outside of the diagram.

DFD Symbols

- A Rectangle defines the source or destination of system data.

- An Arrows identifies flow of data in motion. It is a pipeline through which information flows.

$$\longrightarrow$$
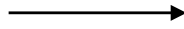
- A circle or bubble represents a process that transforms incoming data flow into outgoing data flows.
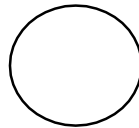
- An open rectangle is a data store.
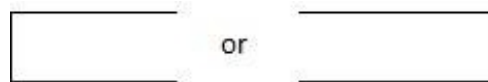
DATA FLOW DIAGRAMS:

LEVEL 0
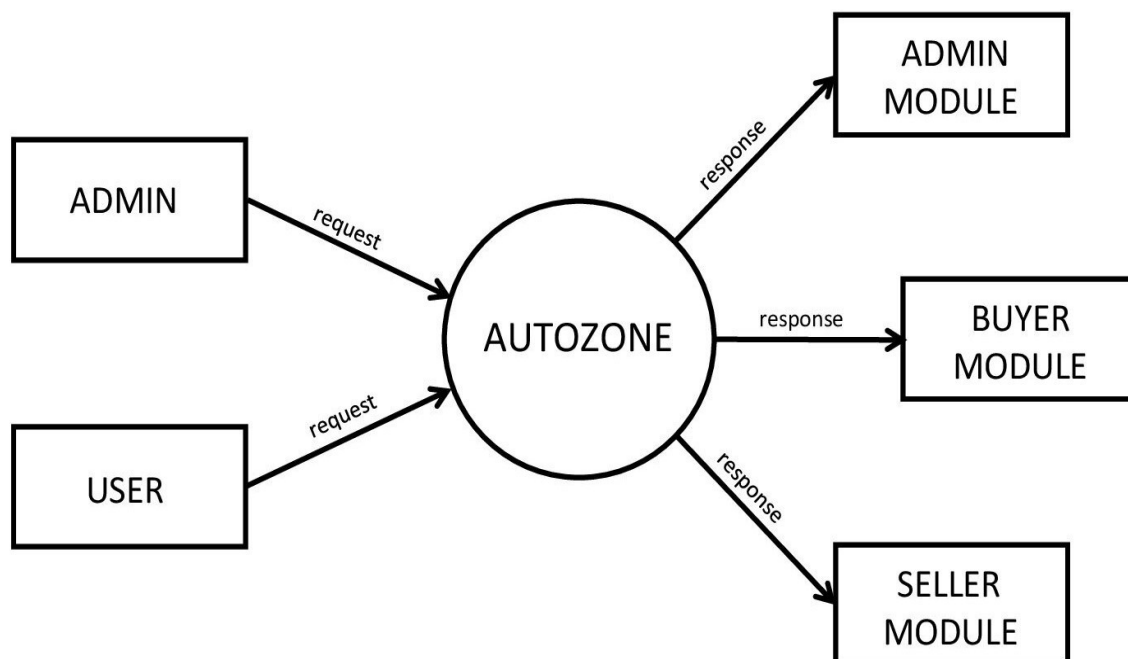
LEVEL 1
(ADMIN SIDE)
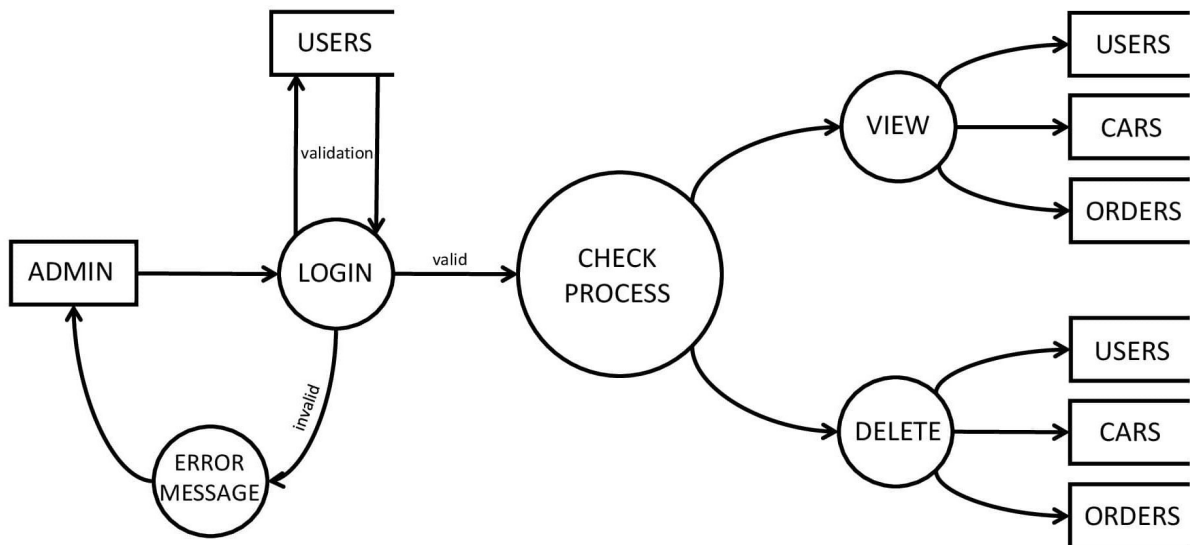
LEVEL 1
(USER SIDE)
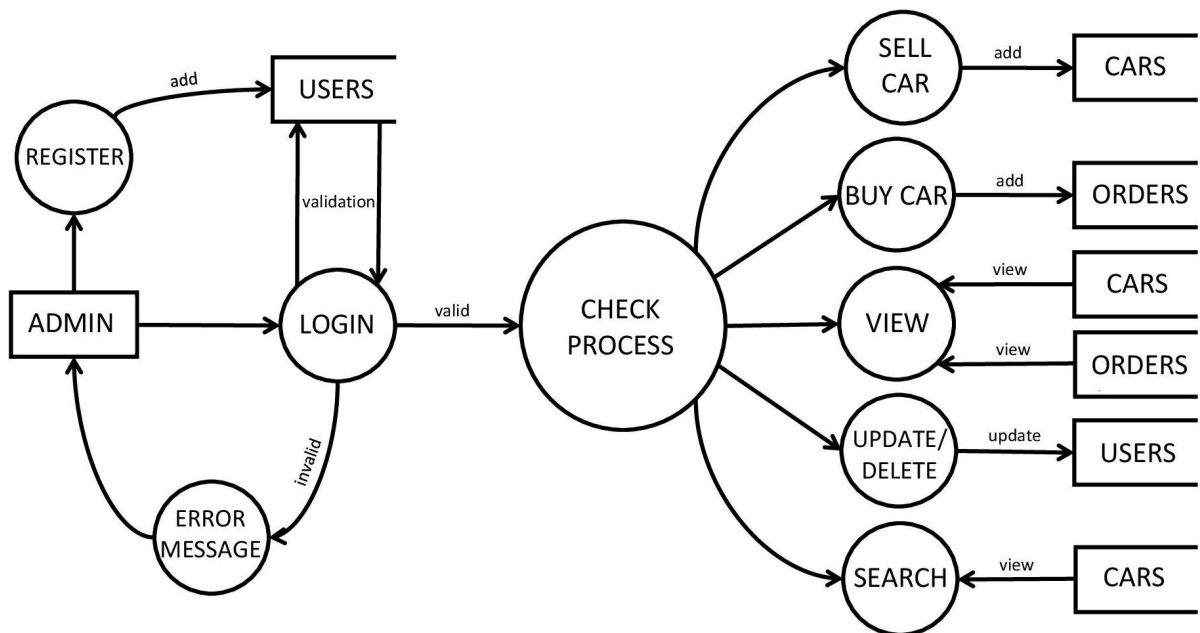
INPUT DESIGN

The input is the set of values that is provided by the user to the system. The input design must enable the user to provide the error free input to the system for efficient processing. The input design is the process of converting the user-oriented inputs into computer based formats. The data fed into the system using simple interactive forms. The forms have been supplied with messages so that user can enter data without facing any difficulty. The data is validated wherever it requires in the project. The input data have to be validated, edited, organized, and accepted by the system before being proposed to produce the outputs.

**The main objectives of input design are as follows:**

- Produce effective method of input

- Achieve high level accuracy

- Ensure that the input is acceptable and understood by the user

The different types of input data handled by the system are:

- **EXTERNAL**

They are the primary inputs to the system. The external input is what the user supplies to the system. The user can give different types of external inputs in this project such as add new threads, post reply.

- **INTERNAL**

When the external inputs are obtained from the user, these inputs are transferred to the system as messages. These messages are captured and handled as input for further processing. In this project the input design is done with PHP codes. The external inputs are data given to the system by the user such as username and password for authentication process. The external input also includes the request as per the users interest for displaying today's, yesterdays and last week's threads/posts and its replies. The internal input covers the fetching of data from the database and it will be the input for displaying the results of the screen.

The necessary internal inputs are given to the system by Graphical User Interface (GUI) technology. The GUI system applied to this project enables the user to avoid error and conclusion arises while entering the input.

OUTPUT DESIGN

A quality output is one, which meets the requirements of the end user and presents the information clearly. In any systems results of the processing are communicated to the user and to the other systems through outputs design it is determined how the information is to be displayed for immediate need. It is the most important and direct source information to the user. Efficient and intelligent output design improves the systems relationship with the user and helps in decision making.

The objectives of the output design is to convey the information of all the past activities, current status and to emphasize important events.

The output generally refers to the results and information that is generated from the system. Outputs from computers are required primarily to communicate the results of processing to the users. The result for each query option that is submitted by the user, the system displays the output. The output that is obtained for each query submitted should be tested before conforming the result.

DATABASE DESIGN

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make information access easy, quick, inexpensive and flexible for the users. The general theme behind a database is to integrate all the information. In database design several specific objectives are considered: -

- Controlled redundancy
- Ease of learning and use
- Data independence
- Accuracy and integrity
- Recovery from failure
- Performance

A database is an integrated collection of data which provides centralized access to the data. Usually the centralized data managing the software is called RDBMS and the other DBMS is the separation of data as seen by the program and data has stored in direct access to stores device. This is the difference between logical and physical data.

DESIGN CONSIDERATION

The system is analyzed to the requirements and possible tables and fields are identified.

- **Identifying keys**: Once we have drawn up the list of possible tables and fields, the next step in the logic database is to identify and set foreign keys for each table.

- **Primary keys**: A primary key consist of a field or a set of fields that uniquely identify each record in that table. The "primary" field defines the primary key.

- **Foreign key**: A foreign key comprises a field or multiple fields that links to the primary key of another table.

DATABASE DESIGN AND TABLE

Database is recognized as standard of MIS and is available virtually for every computer system. The general theme behind a database is to integrate all the information. A database is an integrated collection of data and provides centralized access to the data. Databases are designed to manage large bodies of information. One of the major purposes of a database system is to provide users with an abstract view of data. A database is designed so that it can be used both to specify the overall logical structure of the database and provide a higher level description of the implementation. The database is structured in fixed format records of several types. Each record type defines a fixed number of fields or attributes and each field usually of a fixed length.

TABLES

TABLE 1: USERS

users

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	userID	int(4)			No	*None*	User ID	AUTO_INCREMENT
2	name	varchar(20)	utf8mb4_general_ci		No	*None*	Name of User	
3	email	varchar(30)	utf8mb4_general_ci		No	*None*	Email of User	
4	password	varchar(10)	utf8mb4_general_ci		No	*None*	Password	
5	phone	varchar(10)	utf8mb4_general_ci		No	*None*	Phone Number of User	
6	address	varchar(50)	utf8mb4_general_ci		No	*None*	Address of User	

TABLE 2: CARS

cars

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	carID	int(4)			No	*None*	Car ID	AUTO_INCREMENT
2	company	varchar(10)	utf8mb4_general_ci		No	*None*	Company of Car	
3	carType	varchar(10)	utf8mb4_general_ci		No	*None*	Type of Car	
4	carModel	varchar(30)	utf8mb4_general_ci		No	*None*	Model of Car	
5	year	int(4)			No	*None*	Year Of Manufacture	
6	fuel	varchar(10)	utf8mb4_general_ci		No	*None*	Diesel or Petrol Car	
7	gear	varchar(10)	utf8mb4_general_ci		No	*None*	Gear Configuration	
8	km	varchar(10)	utf8mb4_general_ci		No	*None*	Distance Driven	
9	price	varchar(10)	utf8mb4_general_ci		No	*None*	Asking Price	
10	location	varchar(30)	utf8mb4_general_ci		No	*None*	Location of the Seller	
11	ownership	varchar(15)	utf8mb4_general_ci		No	*None*	Ownership Details	
12	description	varchar(100)	utf8mb4_general_ci		No	*None*	Car Description	
13	imageLocation	varchar(100)	utf8mb4_general_ci		No	*None*	Car Images	
14	userID	int(4)			No	*None*	User ID from table Users	

TABLE 3: ORDERS

orders

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	orderID	int(4)			No	*None*	Order ID	AUTO_INCREMENT
2	carID	int(4)			No	*None*	Car ID from table CARS	
3	userID	int(4)			No	*None*	User ID from table USERS	

5.   SYSTEM DEVELOPMENT

INTRODUCTION

Implementation is the stage of the project where the theoretical design is turned into a working system. At this stage the main workload, the greatest upheaval and the major impact on the existing system shifts to the user department. If the implementation is not carefully planned and controlled, it can cause chaos and confusion. Implementation includes all those activities that take place to convert from the old system to new system. The new system may be totally new, replacing an existing manual or automated system or it may be a major modification to an existing system. Proper implementation is essential to provide a reliable system to meet the organization requirements. Successful implementation may not guarantee improvement in the organization using the new system, but improper installation will prevent it.

The implementation stage involves the following tasks:

- Careful planning
- Investigation of system and constrains
- Design of methods to achieve the changeover phase
- Training of staffs in the changeover phase
- Evaluation of the changeover method

The method of implementation and the time scale to be adopted are found out initially. Next the system is tested properly and the same time users are trained in the new procedures.

IMPLEMENTATION PROCEDURES

Implementation of software refers to the final installation of the package in its real environment, to the satisfaction of the intended users and the operation of the system, people who are not sure that the software is meant to make their job easier. In the initial stage, they doubt about the software but we have to ensure that the resistance does not build up as one has to make sure that the active user must be aware of the benefits of using the system.

- Their confidence in the software is built up.
- Proper guidance is imparted to the user so that he is comfortable in using the application.

Before going ahead and viewing the system, the user must know that for viewing the result, the server program should be running in the server. If the server object is not up running on the server, the actual processes won't take place.

IMPLEMENTATION LOGIC

Implementation includes all those activities that take place to convert from the old system to the new one. The new system may be totally new, replacing an existing manual automated system. Proper implementation is essential to provide a reliable system to meet customer requirements.

The process of putting developed system in actual use is called system implementation. This includes all those activities that take place to convert from the old system to the new system. The system can be implemented only after thorough testing is done and if it is found to be working according to the specifications. The system personally checks the feasibility of the system.

The implementation stage involves following tasks:
- Investigation of system and constrains.

- Design of methods to achieve the changeover.
- Evaluation of the changeover method.

The newly proposed system is implemented after the successful testing of the system. The final step of the system approach recognizes that an implemented solution should be monitored and evaluated. This is called post implementation review process.

Since the success of a solution is reviewed after it is implemented. The focus on this step wise to determine if the implementation solution has indeed helped the institution and the organizers of the event, meet their system objectives.

6. SYSTEM TESTING

TESTING METHODOLOGIES

Software Testing is the process of executing software in a controlled manner, in order to answer the question – Does the software behave as specified? Software testing is often used in association with the terms verification and validation. Validation is the checking or testing of items, includes software, for conformance and consistency with an associated specification. Software testing is just one kind of verification, which also uses techniques such as reviews, analysis, inspections, and walkthroughs. Validation is the process of checking that what has been specified is what the user actually wanted.

Validation: Are we doing the right job?

Verification: Are we doing the job right?

Software testing should not be confused with debugging. Debugging is the process of analyzing and localizing bugs when software does not behave as expected. Although the identification of some bugs will be obvious from playing with the software, a methodical approach to software testing is a much more thorough means for identifying bugs.

Other activities which are often associated with software testing are static analysis and dynamic analysis. Static analysis investigates the source code of software, looking for problems and gathering metrics without actually executing the code. Dynamic analysis looks at the behavior of software while it is executing, to provide information such as execution traces, timing profiles, and test coverage information.

BLACK BOX TESTING

Black box testing, also called behavioral testing, focuses on the

functional requirements of software. This testing approach enables the software engineer to derive the input conditions that will fully exercise all requirements for a program. Black box testing attempts to find the errors like

- Incorrect or missing functions

- Interface errors

- Errors in data structures or external database access

- Behavior or performance errors

- Initialization and termination errors

In Black box testing software is exercised over a full range of inputs and outputs are observed for correctness.

WHITE BOX TESTING

White box testing is also called Glass box testing is a test case design control; structure of the procedural design to derive test cases using White box testing method, the software engineer can derive the test cases that guarantee that all independent paths within the module have been exercised at least once. Exercise all logic decisions on their true or false sides. Execute all loops at their boundaries and within their operational bounds. Exercise internal data structure to ensure their validity.

The first level of test is unit testing. The purpose of unit testing is to ensure that each program is fully tested.

UNIT TESTING

In the unit test case will be testing the separate modules of the software. We will carry out black box testing where each module or component of software is tested individually. We will test the component by passing data through it and we will be monitoring data to find the

errors. We will make sure that the component work without any troubles. The test primarily is carried out by the programmer who designed and implemented the module. Lead tester is carried out by the programmer who test the modules to finalize the testing.

INTEGRATION TESTING

In the Integration testing we will combine the different tested modules and we will test the bundle of module. This is to ensure that the entire modules are working correctly in conjunction with the other modules. Data can be lost across any interface; one module can have adverse effect on another. Sub function when combined, may not produce the desired major function. Integration testing is a systematic testing for conducting test to uncover errors associated within the interface. The objective is to take unit tested modules and build a program structure. All the modules are combined and tested as a whole. Here correction is difficult because vast expense of the entire program complicates the isolation of causes.

USER ACCEPTANCE TESTING

System validation checks for equality of the software in both simulated and live environments. First, the software goes through a phase, in which errors and failures based on simulated user requirements are verified and studies. This is called alpha testing.

7. PROJECT IMPLEMENTATION

Implementation is the stage in the project where the theoretical, design I turned into a working system and is giving confidence on the new system for the users, which it will work efficiently and effectively. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the changeover, an evaluation, of change over methods. Apart from planning major task of preparing the implementation are education and training of users the more complex system being implemented, the more involved will be the system analysis and the design effort required just for implementation?

An implementation co-ordination committee based on policies of individual organization has been appointed. The implementation process begins with preparing a plan for them implementation of the system. According to this plan, the activities are to be carried out, discussions made regarding the equipment and the additional equipment and resources and the addition equipment has to acquire to implement the new system.

Implementation is the final and more important phase. The system can be implemented only after through testing is done and if it found to work according to the specification. This method also offers the greatest security since his old system can take over if the errors are found or inability to handle certain type of transactions while using the new system.

Implementation involves careful planning to avoid any unwelcome consequences. The effort spends on developing any system results in success only when the system implemented properly. System implementation involves actual installation, evaluation of the installation,

organizational impact and finally the equality assurance.

The implementation plan consists of:

- Testing the developed system with the sample data

- Detection and correction of errors

- Making necessary changes in the system

- Checking it with the existing system
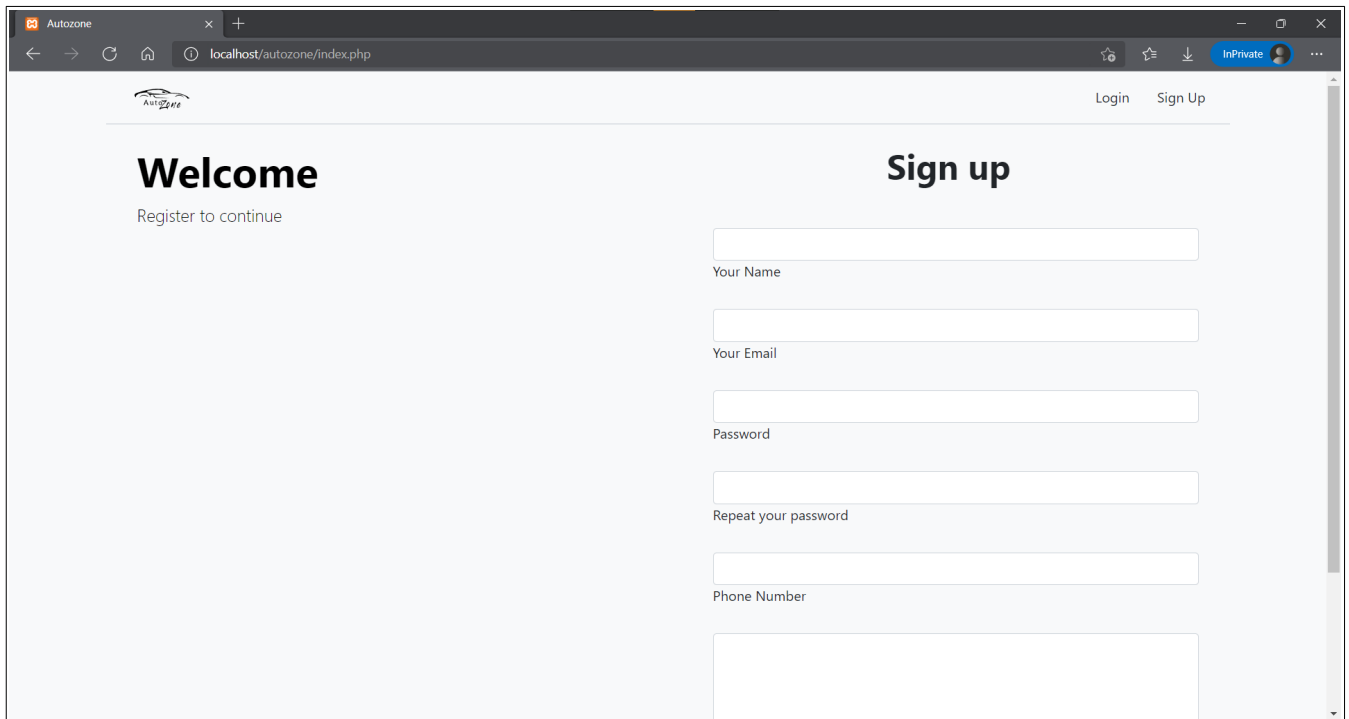
8.   APPENDIX

SCREENSHOTS

➢ LANDING PAGE

➢ SIGN UP PAGE

➢ LOGIN PAGE

➢ PRODUCT BUY PAGE

➢ PRODUCT SELL PAGE

➤ USER DASHBOARD PAGE

➤ ADMIN DASHBOARD PASSWORD

PROGRAM CODE

ADMIN

adminDashbord.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


  include_once 'dbConnect.php';

  $getsql = "SELECT * FROM users;";
  $result = mysqli_query($conn,$getsql);
  $resultCheck = mysqli_num_rows($result);

?>

<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
```

```html
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
         </a>

         <ul class="nav justify-content-end">
           <li class="nav-item">
             <a class="nav-link link-dark active" href="product.php">Buy</a>
           </li>
           <li class="nav-item">
             <a class="nav-link link-dark " href="sell.php">Sell</a>
           </li>
           <li class="nav-item my-auto">
               <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                 <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                   ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                   <option value="Dashbord">Dashbord</option>
                   <option value="logout">Logout</option>
                 </select>
               </form>
           </li>
         </ul>


     </div>
    </nav>

    <section class="container mt-1">
       <div class="row">
       <h6>Admin Dashbord</h6>
         <div class="col-sm-4 list-group">
           <a href="adminDashbord.php" class="list-group-item list-group-item-action active">Users
Registered</a>
           <a href="carsRegister.php" class="list-group-item list-group-item-action">Cars Registered</a>
           <a href="orderRegister.php" class="list-group-item list-group-item-action">Orders
Registered</a>
           <a href="adminUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
           <a href="adminDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
         </div>

         <div class="col-sm-8 feedMargin mx-auto">
           <h6>Users Registered</h6>
           <div class="table-responsive ">
           <table class="table table-sm">
             <thead>
               <tr>
               <th scope="col">ID</th>
               <th scope="col">Name</th>
               <th scope="col">Email ID</th>
```

```php
                        <th scope="col">Password</th>
                        <th scope="col">Action</th>
                        </tr>
                    </thead>
                <?php
                    if($resultCheck > 0) {
                    while($row = mysqli_fetch_assoc($result)) {
                        if( $row['name'] != $_SESSION['name']) {
                    ?>
                            <tbody>
                                <tr>
                                <th scope="row"><?php echo $row['userID'];?></th>
                                <td><?php echo $row['name'];?></td>
                                <td><?php echo $row['email'];?></td>
                                <td><?php echo $row['password'];?></td>
                                <td>
                                    <form id="deleter" method="POST" action="userDelete.php">
                                        <select hidden name="deleteUser">
                                            <option value="<?php echo $row['userID']?>"></option>
                                        </select>
                                        <button onclick=" deleter.submit() " class="btn btn-danger ">Delete</button>
                                    </form>
                                </td>
                                </tr>
                            </tbody>
                    <?php
                        }
                    }
                }
                ?>
                </table>
                </div>
            </div>
        </section>
    </body>
</html>


<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

carRegister.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);

?>

<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <title>Autozone</title>

    </head>
    <body class="bg-light">

        <div class="container">

            <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
                <div class="container-fluid">

                    <a class="navbar-brand" href="product.php">
                        <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
                    </a>

                    <ul class="nav justify-content-end">
                        <li class="nav-item">
                            <a class="nav-link link-dark active" href="product.php">Buy</a>
```
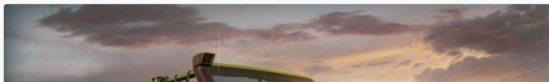
```
                </li>
                <li class="nav-item">
                    <a class="nav-link link-dark " href="sell.php">Sell</a>
                </li>
                <li class="nav-item my-auto">
                    <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                        <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                            ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                            <option value="Dashbord">Dashbord</option>
                            <option value="logout">Logout</option>
                        </select>
                    </form>
                </li>
            </ul>


        </div>
    </nav>

    <section class="container mt-1">
        <div class="row">
        <h6>Admin Dashbord</h6>
            <div class="col-sm-4 list-group">
                <a href="adminDashbord.php" class="list-group-item list-group-item-action">Users
Registered</a>
                <a href="carsRegister.php" class="list-group-item list-group-item-action active">Cars
Registered</a>
                <a href="orderRegister.php" class="list-group-item list-group-item-action">Orders
Registered</a>
                <a href="adminUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
                <a href="adminDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
            </div>

            <div class="col-sm-8 feedMargin mx-auto">
                <h6>Users Registered</h6>
                <div class="table-responsive ">
                <table class="table table-sm">
                    <thead>
                        <tr>
                        <th scope="col">Car ID</th>
                        <th scope="col">Car Model</th>
                        <th scope="col">UserID</th>
                        <th scope="col">Action</th>
                        </tr>
                    </thead>
                <?php
                    if($resultCheck > 0) {
```

```php
                    while($row = mysqli_fetch_assoc($result)) {
                     $carID=$row['carID'];
                ?>
                        <tbody>
                          <tr>
                          <th scope="row"><?php echo $row['carID'];?></th>
                          <td><?php echo $row['carModel'];?></td>
                          <td><?php echo $row['userID'];?></td>
                          <td>
                            <form method="POST" id="showMore" action="adminCarShow.php">
                              <select hidden name="carID">
                                <option value="<?php echo $carID?>" selected hidden></option>
                              </select>
                              <button onclick="showMore.submit()" class="btn btn-secondary mx-
1">Show</button>
                            </form>
                            <form class="mt-1" id="deleter" method="POST" action="carDelete.php">
                              <select hidden name="deleteCar">
                                    <option value="<?php echo $row['carID']?>"></option>
                              </select>
                              <button onclick=" deleter.submit() " class="btn btn-danger ">Delete</button>
                            </form>
                          </td>
                          </tr>
                        </tbody>
                <?php

                    }
                  }
                  ?>
              </table>
              </div>
          </div>
        </section>
   </body>
</html>


<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

orderRegister.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM orders;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);

?>

<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
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integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <title>Autozone</title>

    </head>
    <body class="bg-light">

        <div class="container">

            <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
                <div class="container-fluid">

                    <a class="navbar-brand fw-bolder" href="product.php">Autozone</a>

                    <ul class="nav justify-content-end">
                        <li class="nav-item">
                            <a class="nav-link link-dark active" href="product.php">Buy</a>
                        </li>
                        <li class="nav-item">
```

```html
                    <a class="nav-link link-dark " href="sell.php">Sell</a>
                </li>
                <li class="nav-item my-auto">
                    <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                        <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                            ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                            <option value="Dashbord">Dashbord</option>
                            <option value="logout">Logout</option>
                        </select>
                    </form>
                </li>
            </ul>


        </div>
    </nav>

    <section class="container mt-1">
        <div class="row">
        <h6>Admin Dashbord</h6>
            <div class="col-sm-4 list-group">
            <a href="adminDashbord.php" class="list-group-item list-group-item-action">Users Registered</a>
                <a href="carsRegister.php" class="list-group-item list-group-item-action">Cars Registered</a>
                <a href="orderRegister.php" class="list-group-item list-group-item-action active">Orders
Registered</a>
                <a href="adminUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
                <a href="adminDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
            </div>

            <div class="col-sm-8 feedMargin mx-auto">
                <h6>Orders Registered</h6>
                <div class="table-responsive ">
                <table class="table table-sm">
                    <thead>
                        <tr>
                        <th scope="col">Order ID</th>
                        <th scope="col">Car ID</th>
                        <th scope="col">User ID</th>
                        <th scope="col">Action</th>
                        </tr>
                    </thead>
                <?php
                if($resultCheck > 0) {
                while($row = mysqli_fetch_assoc($result)) {

                ?>
                        <tbody>
```

```php
                    <tr>
                        <th scope="row"><?php echo $row['orderID'];?></th>
                        <td><?php echo $row['carID'];?></td>
                        <td><?php echo $row['userID'];?></td>
                        <td>
                            <form id="deleter" method="POST" action="adminOrderDelete.php">
                                <select hidden name="deleteOrder">
                                    <option value="<?php echo $row['orderID']?>"></option>
                                </select>
                                <button onclick=" deleter.submit() " class="btn btn-danger ">Delete</button>
                            </form>
                        </td>
                    </tr>
                </tbody>
            <?php

                }
            }
            ?>
        </table>
    </div>
</div>
</section>
</body>
</html>


<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

adminUpdate.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];
```

```php
    include_once 'dbConnect.php';
    $getsql = "SELECT * FROM users WHERE userID =".$userID.";";
    $result = mysqli_query($conn,$getsql);
    $row = mysqli_fetch_array($result);

 ?>
```

```html
<!DOCTYPE html>
<html>
   <head>

     <meta name="viewport" content="width=device-width, initial-scale=1.0">
     <link href="style.css" rel="stylesheet">
     <!-- CSS only -->
     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
     <!-- JavaScript Bundle with Popper -->
     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

     <title>Autozone</title>

   </head>
   <body class="bg-light">

     <div class="container">

        <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
          <div class="container-fluid">

             <a class="navbar-brand" href="product.php">
               <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
             </a>
             <ul class="nav justify-content-end">
               <li class="nav-item">
                 <a class="nav-link link-dark" href="product.php">Buy</a>
               </li>
               <li class="nav-item">
                 <a class="nav-link link-dark " href="sell.php">Sell</a>
               </li>
               <li class="nav-item my-auto">
                  <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                    <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">
                       ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                       <option value="Dashbord">Dashbord</option>
                       <option value="logout">Logout</option>
                    </select>
```

```html
                    </form>
                </li>
            </ul>


        </div>
    </nav>

    <section class="container mt-1">
        <div class="row">

            <div class="col-sm-4 list-group">
                <a href="adminDashbord.php" class="list-group-item list-group-item-action">Users
Registered</a>
                <a href="carsRegister.php" class="list-group-item list-group-item-action">Cars Registered</a>
                <a href="orderRegister.php" class="list-group-item list-group-item-action">Orders
Registered</a>
                <a href="adminUpdate.php" class="list-group-item list-group-item-action active">Update
Account</a>
                <a href="adminDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
            </div>

            <div class="col-sm-8 feedMargin mx-auto my-3">
                <h6 class="mx-4 mx-sm-5">Update Details</h6>

                <form class="mx-1 mt-5 mx-md-4" method="POST" action="update.php">

                    <div class="d-flex flex-row align-items-center mb-4">
                        <i class="fas fa-user fa-lg me-3 fa-fw"></i>
                        <div class="form-outline flex-fill mb-0">
                        <input type="text" name="name" id="name" class="form-control" value="<?php echo
$row['name'];?>" required/>
                        <label class="form-label" for="name">Your Name</label>
                        </div>
                    </div>

                    <div class="d-flex flex-row align-items-center mb-4">
                        <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
                        <div class="form-outline flex-fill mb-0">
                        <input type="email" id="email" name="email" class="form-control" value="<?php echo
$row['email'];?>" required />
                        <label class="form-label" for="email">Your Email</label>
                        </div>
                    </div>

                    <div class="d-flex flex-row align-items-center mb-4">
                        <i class="fas fa-lock fa-lg me-3 fa-fw"></i>
                        <div class="form-outline flex-fill mb-0">
```

```php
            <input type="password" name="password" id="password" class="form-control" value="<?php
echo $row['password'];?>" required />
                <label class="form-label" for="password">Password</label>
                </div>
            </div>

            <div class="d-flex flex-row align-items-center mb-4">
                <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
                <div class="form-outline flex-fill mb-0">
                <input type="number" id="phoneNumber" name="phoneNumber" class="form-control"
value="<?php echo $row['phone'];?>" required />
                <label class="form-label" for="phoneNumber">Phone Number</label>
                </div>
            </div>

            <div class="d-flex flex-row align-items-center mb-4">
                <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
                <div class="form-outline flex-fill mb-0">
                <textarea id="address" name="address" class="form-control" rows="4" required><?php echo
$row['address'];?></textarea>
                <label class="form-label" for="address">Address</label>
                </div>
            </div>

            <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
                <button type="submit" name="submit" class="btn btn-secondary btn-lg">Update</button>
            </div>

            </form>
        </div>
    </section>
  </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

adminCarShow.php

```php
<?php

session_start();
```

```php
if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $carID = $_POST['carID'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars where carID = $carID;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);
    $row = mysqli_fetch_assoc($result);
    $userSql = "SELECT * FROM users where userID = ".$row['userID'].";";
    $userResult = mysqli_query($conn,$userSql);
    $userRow = mysqli_fetch_assoc($userResult);

?>

<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
        <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

        <script src="product.js"></script>
        <title>Autozone</title>

    </head>
    <body class="bg-light">

        <div class="container">

            <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
                <div class="container-fluid">

                    <a class="navbar-brand" href="product.php">
                        <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
                    </a>
                    <ul class="nav justify-content-end">
```

```html
            <li class="nav-item">
               <a class="nav-link link-dark active" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
               <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
             <li class="nav-item my-auto">
                 <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                   <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                      ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                      <option value="Dashbord">Dashbord</option>
                      <option value="logout">Logout</option>
                   </select>
                 </form>
            </li>
         </ul>

      </div>

   </nav>
   <section class="container mt-md-2 mt-2">

      <div class="row">
         <div class="col-sm-10 mx-auto my-2">
            <div class="row">
               <div class="col col-md-8 mb-4 mb-md-0">
                  <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
               </div>
               <div class="card col-md-4">

                  <h5><?php echo $row['carModel']?></h5>
                  <p class="mb-2 text-muted text-uppercase small"><?php echo $row['company']?></p>
                  <p><span class="mr-1"><strong>Rs <?php echo $row['price']?></strong></span></p>
                  <div class="table-responsive">
                     <table class="table table-sm table-borderless mb-0">
                        <tbody>
                           <tr>
                              <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Type</h6></th>
                                 <td><?php echo $row['carType'];?></td>
                           </tr>
                           <tr>
                              <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Year</h6></th>
                                 <td><?php echo $row['year'];?></td>
                           </tr>
                           <tr>
                              <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Fuel</h6></th>
                                 <td><?php echo $row['fuel'];?></td>
                           </tr>
```

```html
            <tr>
              <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Transmission</h6></th>
                <td><?php echo $row['gear'];?></td>
            </tr>
            <tr>
              <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Ownership</h6></th>
                <td><?php echo $row['ownership'];?></td>
            </tr>
            <tr>
              <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Location</h6></th>
                <td><?php echo $row['location'];?></td>
            </tr>
          </tbody>
        </table>
      </div>
    </div>
  </div>
  <div class="col-sm-12 my-2">
    <div class="row">
      <div class="card mt-1 col-12 p-2">
        <div class="row">
          <div class="col-12 col-sm-8">
            <h6 class="card-text mt-1">Description</h6>
            <p class="card-text"><?php echo $row['description']?></p>
            <div class="input-group rounded mb-1">
              <a class="btn btn-secondary" href="carsRegister.php">Go Back</a>
            </div>
          </div>
          <div class="col-12 col-sm-4 my-1">
            <h6 class="card-text mt-1">Posted By</h6>
            <div class="table-responsive">
              <table class="table table-sm table-borderless mb-0">
                <tbody>
                  <tr>
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Name</h6></th>
                      <td><?php echo $userRow['name'];?></td>
                  </tr>
                  <tr>
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Contact</h6></th>
                      <td><?php echo $userRow['phone'];?></td>
                  </tr>
                </tbody>
              </table>
            </div>
```

```
                              </div>
                          </div>
                      </div>
                  </div>
              </div>
          </div>
      </div>

      </section>
   </div>

   </body>
</html>

<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

adminDeleteDashbord.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];

 ?>
<!DOCTYPE html>
<html>
   <head>

      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <link href="style.css" rel="stylesheet">
      <!-- CSS only -->
      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
      <!-- JavaScript Bundle with Popper -->
```

```html
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
              <a class="nav-link link-dark" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
              <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
            <li class="nav-item my-auto">
                <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                  <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                    <option value="Dashbord">Dashbord</option>
                    <option value="logout">Logout</option>
                  </select>
                </form>
            </li>
          </ul>


        </div>
      </nav>

      <section class="container mt-1">
        <div class="row">

          <div class="col-sm-4 list-group">
            <a href="adminDashbord.php" class="list-group-item list-group-item-action">Users
Registered</a>
            <a href="carsRegister.php" class="list-group-item list-group-item-action">Cars Registered</a>
            <a href="orderRegister.php" class="list-group-item list-group-item-action">Orders
Registered</a>
```

```
                <a href="adminUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
                <a href="adminDeleteDashbord.php" class="list-group-item list-group-item-action active">Delete
Account</a>
            </div>

            <div class="col-sm-8 feedMargin mx-auto">
                <h6>Delete Account</h6>
                <p>Deleting your account permently removes all data from the server. Are you sure you want to
delete?</p>
                <form method="POST" action="userSelfDelete.php">
                  <select hidden name="userID">
                     <option value="<?php echo $userID ?>"></option>
                  </select>
                  <button type="submit" name="submit" class="btn btn-danger">Delete</button>
                </form>
            </div>
        </section>
    </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

USERS

landingForm.php

```
<!DOCTYPE html>
<html>
   <head>

      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <link href="style.css" rel="stylesheet">
      <!-- CSS only -->
      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
      <!-- JavaScript Bundle with Popper -->
```

```html
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <style>.fa {padding: 20px;font-size: 30px;width: 50px;text-align: center;text-decoration: none;}</style>

    <title>Autozone</title>

  </head>
  <body class="bg-white">

    <div class="container-fluid">
    <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
      <div class="container-fluid">

        <a class="navbar-brand fw-bolder" href="product.php">Autozone</a>

        <ul class="nav justify-content-end">
          <li class="nav-item">
            <a class="nav-link link-dark" href="loginForm.php">Login</a>
          </li>
        </ul>

      </div>
    </nav>

    <div class="jumbotron text-white jumbotron-image shadow p-5 text-center shadow-1-strong rounded mb-5
text-white" style="background-image: url(icons/Car-banner-sm.jpg);">
      <h1 class="display-4">Welcome to AUTOZONE</h1>
      <p class="lead">Used Cars Selling and Buying Platform.</p>

      <div class="mask pt-4 pb-4 rounded" style="background-color: rgba(0, 0, 0, 0.6)">
        <p>Our mission is to create an application that is helpful for selling and buying of used cars. <br> Lets
get started by signing up first!</p>
        <p class="lead pt-2">
        <a class="btn btn-outline-dark btn-light btn-lg" href="index.php" role="button">Get Started</a></p>
      </div>
    </div>

    <hr><br>

    <div class="container">
      <h2 class="text-center py-4 font-weight-bold">Features of Autozone :</h2>
      <div class="row justify-content-center">
        <div class="col-sm-4 px-4 py-4">
          <div class="panel panel-primary">
            <div class="panel-heading text-center"><h3>Selling Cars are Easy</h3></div><br>
```

```html
        <div class="panel-body text-center"><img src="icons/carsell.jpg" class="img-responsive"
style="width:50%" alt="Image"></div><br>
        <div class="panel-footer text-center">Selling your car has never become this easy. All you need is a
minute to upload your car details and you are good to go.</div>
      </div>
    </div>
    <div class="col-sm-4 px-4 py-4">
      <div class="panel panel-primary">
        <div class="panel-heading text-center"><h3>Find your Dream Car</h3></div><br>
        <div class="panel-body text-center"><img src="icons/car.jpg" class="img-responsive"
style="width:50%" alt="Image"></div><br>
        <div class="panel-footer text-center">Browse through the hundreds of options posted by genuine
sellers and find your dream car here at the best ever prices.</div>
      </div>
    </div>
   </div>
  </div>


  <div class="container">
   <div class="row justify-content-center">
    <div class="col-sm-4 px-4 py-4">
      <div class="panel panel-primary">
        <div class="panel-heading text-center"><h3 class="font-weight-bold">Easy to Use</h6></div><br>
        <div class="panel-body text-center"><img src="icons/tap.jpg" class="img-responsive"
style="width:50%" alt="Image"></div><br>
        <div class="panel-footer text-center">Provides easy to use interface.We use a clean design with the
zero ads to guarentee end-user satisfaction.</div>
      </div>
    </div>
    <div class="col-sm-4 px-4 py-4">
      <div class="panel panel-danger">
        <div class="panel-heading text-center"><h3>Responsive Web Design</h3></div><br>
        <div class="panel-body text-center"><img src="icons/responsive-design.jpg" class="img-responsive"
style="width:50%" alt="Image"></div><br>
        <div class="panel-footer text-center">Responsive web design is all about creating web pages that look
good on all devices. We have set up a good design to assure you that you have the perfect experience on any
device.</div>
      </div>
    </div>
   </div>
  </div><br>
  <hr>
 </div>

 <div class="bg-secondary" style="height:1px; position:absolute; left:0; right:0; width:100%;">
  <footer class="page-footer font-small bg-secondary stylish-color-dark pt-4">
   <div class="container text-center text-md-left">
    <div class="row">
      <div class="col-md-7 mx-auto">
```

```html
        <h5 class="font-weight-bold text-uppercase mt-3 mb-4">About Us :</h5>
        <p>Our goal is to give the best experience to both the buyers and sellers. We always make sure that
everyone have a good time using our service and we always look forward for your supports and feedbacks.</p>
        <h6 class="font-weight-bold">Send your feedbacks to : admin@gmail.com</h6>


      </div>
      <hr class="clearfix w-100 d-md-none">
      <div class="col-md-5 mx-auto">
       <ul class="list-unstyled">
       <li><h6 class="font-weight-bold text-uppercase mt-3 mb-4 px-4">Follow us on :</h6>
       <a href="https://www.facebook.com/" class="fa fa-facebook" alt="Facebook"></a>
       <a href="https://twitter.com/?lang=en" class="fa fa-twitter" alt="Twitter"></a>
       <a href="https://www.instagram.com/" class="fa fa-instagram" alt="Instagram"></a>
      </li>
      </ul>
      </div>
     </div>
    </div>
    <hr>
     <ul class="list-unstyled list-inline text-center py-2">
      <li class="list-inline-item"><h5 class="mb-1">Register for free</h5></li>
      <li class="list-inline-item"><a href="index.php" class="btn btn-light btn-rounded">Sign up!</a></li>
     </ul>
    <hr>
   </footer>
  </div>
 </body>
</html>
```

Index.php

```html
<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <title>Autozone</title>

  </head>
```

```html
<body class="bg-light">

  <div class="container">

    <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
      <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
          <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
        <ul class="nav justify-content-end">
          <li class="nav-item">
            <a class="nav-link link-dark" href="loginForm.php">Login</a>
          </li>
          <li class="nav-item">
            <a class="nav-link link-dark active" href="index.php">Sign Up</a>
          </li>
        </ul>

      </div>
    </nav>

    <section class="container">
      <div class="row">

        <div class="jumbotron jumbotron-fluid text-black col-12 col-sm-6">
          <div class="container">
          <h1 class="display-5 mt-4 fw-bold h1">Welcome</h1>
          <p class="lead text-black">Register to continue</p>
          </div>
        </div>

        <div class="col-12 col-sm-6">
          <p class="text-center h1 fw-bold mb-5 mx-1 mx-md-4 mt-4">Sign up</p>

          <form class="mx-1 mx-md-4" method="POST" action="userRegistration.php">

          <div class="d-flex flex-row align-items-center mb-4">
            <i class="fas fa-user fa-lg me-3 fa-fw"></i>
            <div class="form-outline flex-fill mb-0">
            <input type="text" name="name" id="name" class="form-control" required/>
            <label class="form-label" for="name">Your Name</label>
            </div>
          </div>

          <div class="d-flex flex-row align-items-center mb-4">
            <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
            <div class="form-outline flex-fill mb-0">
            <input type="email" id="email" name="email" class="form-control" required />
```
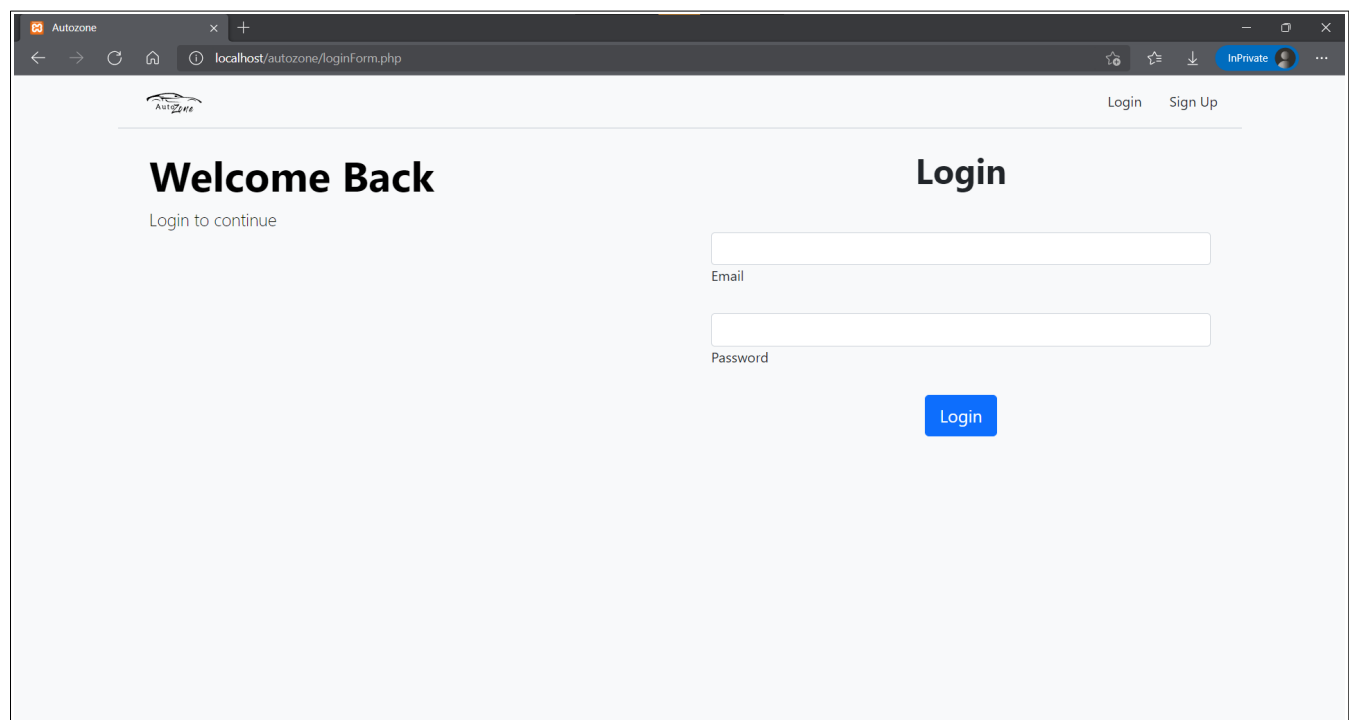
```html
          <label class="form-label" for="email">Your Email</label>
        </div>
      </div>

      <div class="d-flex flex-row align-items-center mb-4">
        <i class="fas fa-lock fa-lg me-3 fa-fw"></i>
        <div class="form-outline flex-fill mb-0">
        <input type="password" name="password" id="password" class="form-control" required />
        <label class="form-label" for="password">Password</label>
        </div>
      </div>

      <div class="d-flex flex-row align-items-center mb-4">
        <i class="fas fa-key fa-lg me-3 fa-fw"></i>
        <div class="form-outline flex-fill mb-0">
        <input type="password" id="confirmPassword" name="confirmPassword" class="form-
control" />
        <label class="form-label" for="confirm Password">Repeat your password</label>
        </div>
      </div>

      <div class="d-flex flex-row align-items-center mb-4">
        <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
        <div class="form-outline flex-fill mb-0">
        <input type="number" id="phoneNumber" name="phoneNumberr" class="form-control"
required />
        <label class="form-label" for="phoneNumber">Phone Number</label>
        </div>
      </div>

      <div class="d-flex flex-row align-items-center mb-4">
        <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
        <div class="form-outline flex-fill mb-0">
        <textarea id="address" name="address" class="form-control" rows="4" required></textarea>
        <label class="form-label" for="address">Address</label>
        </div>
      </div>

      <div class="form-check d-flex justify-content-center mb-5">
        <input
        class="form-check-input me-2"
        type="checkbox"
        value=""
        id="form2Example3c"
        />
        <label class="form-check-label" for="form2Example3">
        I agree all statements in <a href="#!">Terms of service</a>
        </label>
      </div>
```

```
                <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
                   <button type="submit" name="submit" class="btn btn-primary btn-lg">Register</button>
                </div>

              </form>
          </div>
        </div>

      </section>



    </div>

  </body>
</html>
```

loginForm.php

```
<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

            <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
            </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
             <a class="nav-link link-dark active" href="loginForm.php">Login</a>
```

```
            </li>
            <li class="nav-item">
              <a class="nav-link link-dark" href="index.php">Sign Up</a>
            </li>
          </ul>

      </div>
</nav>

<section class="container">
    <div class="row">

        <div class="jumbotron jumbotron-fluid text-black col-12 col-sm-6">
            <div class="container">
            <h1 class="display-5 mt-4 fw-bold h1">Welcome Back</h1>
            <p class="lead text-black">Login to continue</p>
            </div>
        </div>

        <div class="col-12 col-sm-6">
            <p class="text-center h1 fw-bold mb-5 mx-1 mx-md-4 mt-4">Login</p>

            <form class="mx-1 mx-md-4" method="POST" action="login.php">

            <div class="d-flex flex-row align-items-center mb-4">
                <div class="form-outline flex-fill mb-0">
                <input type="email" id="email" name="email" class="form-control" required />
                <label class="form-label" for="email">Email</label>
                </div>
            </div>

            <div class="d-flex flex-row align-items-center mb-4">
                <div class="form-outline flex-fill mb-0">
                <input type="password" id="password" name="password" class="form-control" required/>
                <label class="form-label" for="password">Password</label>
                </div>
            </div>

            <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
                <button type="submit" name="submit" class="btn btn-primary btn-lg">Login</button>
            </div>

            </form>
        </div>
    </div>

</section>
```

```
    </div>

  </body>
</html>
```

product.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


  include_once 'dbConnect.php';

  $getsql = "SELECT * FROM cars;";
  $result = mysqli_query($conn,$getsql);
  $resultCheck = mysqli_num_rows($result);

?>

<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
    <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

    <script src="product.js"></script>
    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
```

```html
<div class="container-fluid">

    <a class="navbar-brand" href="product.php">
    <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
    </a>

  <ul class="nav justify-content-end">
    <li class="nav-item">
      <a class="nav-link link-dark active" href="product.php">Buy</a>
    </li>
    <li class="nav-item">
      <a class="nav-link link-dark " href="sell.php">Sell</a>
    </li>
     <li class="nav-item my-auto">
        <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
          <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

            ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
            <option value="Dashbord">Dashbord</option>
            <option value="logout">Logout</option>
          </select>
        </form>
    </li>
  </ul>

  </div>

</nav>

<section class="container mt-md-2 mt-2">

  <div class="row">

    <div class="col-sm-3 mb-2 ">
      <div class="input-group-lg rounded">
        <form method="POST" action="search.php">
        <input type="search" name="term" class="mb-2 form-control rounded" placeholder="Car Name" aria-label="Search"
        aria-describedby="search-addon" />
        <button type="submit" name="submit" class="btn btn-secondary">Search</button>
        </form>
      </div>

      <div class="border mt-2 p-2">
        <form name="brandSort" method="POST" action="brandSortedProduct.php" >
          <button type="submit" name="brand" value="Maruthi Suzuki" class="btn btn-outline-dark btn-light my-1">Maruthi Suzuki</button>
          <button type="submit" name="brand" value="Mahindra" class="btn btn-outline-dark btn-light my-1">Mahindra</button>
```

```html
                    <button type="submit" name="brand" value="Hundai" class="btn btn-outline-dark btn-light
my-1">Hyndai</button>
                    <button type="submit" name="brand" value="Toyota" class="btn btn-outline-dark btn-light
my-1">Toyota</button>
                    <button type="submit" name="brand" value="MG Motors" class="btn btn-outline-dark btn-
light my-1">MG Motors</button>
                    <a href="product.php" class="btn btn-outline-dark btn-light my-1">All</a>
                </form>
            </div>

            <div class="border mt-2 p-2">
                <form name="priceSort" method="POST" action="priceSortedProduct.php" >
                    <label class="form-label d-block">Price: </label>
                    <button type="submit" name="price" value="0" class="btn btn-outline-dark btn-light my-
1">0 - 30 Lkh</button>
                    <button type="submit" name="price" value="3000000" class="btn btn-outline-dark btn-light
my-1">30 - 60 Lkh</button>
                    <button type="submit" name="price" value="6000000" class="btn btn-outline-dark btn-light
my-1">60 - 90 Lkh</button>
                    <button type="submit" name="price" value="9000000" class="btn btn-outline-dark btn-light
my-1">90 - 120 Lkh</button>
                    <a href="product.php" class="btn btn-outline-dark btn-light my-1">All</a>
                </form>
            </div>
        </div>

        <div class="col-sm-9">
        <?php

            if($resultCheck > 0) {
            while($row = mysqli_fetch_assoc($result)) {

                if($_SESSION['id'] != $row['userID']){

                $carID = $row['carID'];
            ?>
        <div class="col-sm-8 feedMargin mx-auto">
            <div class="card">
            <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
            <div class="card-body my-1">
                <h5 class="card-title fs-2"><?php echo $row['carModel']?></h5>
                <div class="d-flex justify-content-evenly">
                <span class="card-text border border-grey rounded-pill p-1"><?php echo $row['km']?
>km</span>
                <span class="card-text border border-grey rounded-pill p-1"><?php echo
$row['ownership']?></span>
                <span class="card-text border border-grey rounded-pill p-1"><?php echo
$row['fuel']?></span>
                </div>
```

```php
                        <span class="fs-3 card-text d-block"> <strong>Rs </strong><?php echo
$row['price']?></span>
                        <form class="mt-1" method="POST" id="showMore" action="productDetail.php">
                           <select hidden name="carID">
                              <option value="<?php echo $carID ?>" selected hidden></option>
                           </select>
                           <button onclick="showMore.submit()" class="btn btn-secondary">Show More</button>
                        </form>
                     </div>
                  </div>
               </div>
               <?php
                  }
               }
            }
            ?>

         </div>

      </div>

   </section>
   </div>

   </body>
</html>

<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

sell.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

?>
<!DOCTYPE html>
<html>
```

```html
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
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      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
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            </li>
            <li class="nav-item">
              <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
            <li class="nav-item my-auto">
                <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                  <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">

                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                    <option value="Dashbord">Dashbord</option>
                    <option value="logout">Logout</option>
                  </select>
                </form>
            </li>
          </ul>


        </div>
      </nav>
```

```html
<section class="container">
   <div class="row">

         <div class="col-sm-6 mx-auto">
         <p class="text-center h1 fw-bold mb-5 mx-1 mx-md-4 mt-4">Sell your car</p>
         <form class="mx-1 mx-sm-4" method="POST" action="carUpload.php"
enctype="multipart/form-data">
               <div class="d-flex flex-row align-items-center mb-4">
                  <div class="form-outline flex-fill mb-0">
                     <datalist id="company">
                        <option value="Maruti Suzuki">
                        <option value="Mahindra">
                        <option value="Hundai">
                        <option value="Toyota">
                        <option value="MG Motors">
                     </datalist>
                     <input list="company" class="form-control" name="company">
                     <label for="company" class="form-label">Company Name</label>
                  </div>
               </div>

               <div class="d-flex flex-row align-items-center mb-4">
                  <div class="form-outline flex-fill mb-0">
                     <datalist id="carType">
                        <option value="Sedan">
                        <option value="Hatchback">
                        <option value="Coupe">
                        <option value="Sports Car">
                        <option value="Convertible">
                        <option value="Station Wagon">
                        <option value="Minivan">
                     </datalist>
                     <input list="carType" class="form-control" name="carType">
                     <label for="carType" class="form-label">Car Type</label>
                  </div>
               </div>

               <div class="d-flex flex-row align-items-center mb-4">
                  <div class="form-outline flex-fill mb-0">
                     <input class="form-control" name="modelname" id="modelname" type="text" required>
                     <label class="form-label" for="modelname">Car Model Name</label>
                  </div>
               </div>

               <div class="d-flex flex-row align-items-center mb-4">
                  <div class="form-outline flex-fill mb-0">
                     <input class="form-control" name="year" id="year" type="text">
                     <label class="form-label" for="year">Year Of manufacture</label>
                  </div>
```

```
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <div class="form-outline flex-fill mb-0">
            <input class="form-control" name="km" id="km" type="number">
            <label class="form-label" for="km">Km Driven</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <div class="form-outline flex-fill mb-0">
            <input class="form-control" name="fuel" id="fuel" list="fuelTypes">
            <datalist id="fuelTypes">
              <option value="Petrol">Petrol</option>
              <option value="Deisel">Deisel</option>
              <option value="CNG">CNG</option>
              <option value="Electric">Electric</option>
              <option value="Hybrid">Hybrid</option>
            </datalist>
            <label class="form-label" for="fuel">Fuel Type</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <div class="form-outline flex-fill mb-0">
            <input class="form-control" name="gear" id="gear" list="gearTypes">
            <datalist id="gearTypes">
              <option value="Manual">Manual</option>
              <option value="Automatic">Automatic</option>
            </datalist>
            <label class="form-label" for="gear">Gear Type</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <div class="form-outline flex-fill mb-0">
            <input class="form-control" name="price" id="prize" type="number">
            <label class="form-label" for="price">Asking Price</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <div class="form-outline flex-fill mb-0">
            <input class="form-control" name="location" id="location" type="text">
            <label class="form-label" for="location">Curent Location</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
```

```html
                    <div class="form-outline flex-fill mb-0">
                    <input class="form-control" list="ownership" name="ownership">
                    <label class="form-label" for="ownership">Ownership Details</label>
                    <datalist id="ownership">
                       <option value="First Hand">
                       <option value="Second Hand">
                       <option value="Others">
                    </datalist>
                    </div>
                </div>

                <div class="d-flex flex-row align-items-center mb-4">
                    <div class="form-outline flex-fill mb-0">
                    <textarea id="description" class="form-control" name="description" rows="5"
cols="30"></textarea>
                    <label class="form-label" for="description" class="form-label">Description</label>
                    </div>
                </div>

                <div class="d-flex flex-row align-items-center mb-4">
                    <div class="form-outline flex-fill mb-0">
                       <input class="form-control" type="file" name='image'>
                       <label class="form-label" for="image">UploadImage</label>
                    </div>
                </div>

                <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
                    <button class="btn btn-sceondary btn-lg" name="submit" type="submit">Submit</button>
                </div>

            </form>
          </div>
        </div>
      </section>
    </div>
  </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

productShow.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $carID = $_POST['carID'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars where carID = $carID;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);
    $row = mysqli_fetch_assoc($result);
    $userSql = "SELECT * FROM users where userID = ".$row['userID'].";";
    $userResult = mysqli_query($conn,$userSql);
    $userRow = mysqli_fetch_assoc($userResult);

?>

<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
    <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

    <script src="product.js"></script>
    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

        <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
```

```html
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
              <a class="nav-link link-dark active" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
              <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
            <li class="nav-item my-auto">
                <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                  <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                    <option value="Dashbord">Dashbord</option>
                    <option value="logout">Logout</option>
                  </select>
                </form>
            </li>
          </ul>

        </div>

    </nav>

    <section class="container mt-md-2 mt-2">

      <div class="row">
        <div class="col-sm-10 mx-auto my-2">
          <div class="row">
            <div class="col col-md-8 mb-4 mb-md-0">
              <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
            </div>
            <div class="card col-md-4">

              <h5><?php echo $row['carModel']?></h5>
              <p class="mb-2 text-muted text-uppercase small"><?php echo $row['company']?></p>
              <p><span class="mr-1"><strong>Rs <?php echo $row['price']?></strong></span></p>
              <div class="table-responsive">
                <table class="table table-sm table-borderless mb-0">
                  <tbody>
                    <tr>
                      <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Type</h6></th>
                        <td><?php echo $row['carType'];?></td>
                    </tr>
                    <tr>
```

```html
                                  <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Year</h6></th>
                                    <td><?php echo $row['year'];?></td>
                              </tr>
                              <tr>
                                  <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Fuel</h6></th>
                                    <td><?php echo $row['fuel'];?></td>
                              </tr>
                              <tr>
                                  <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Transmission</h6></th>
                                      <td><?php echo $row['gear'];?></td>
                              </tr>
                              <tr>
                                  <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Ownership</h6></th>
                                      <td><?php echo $row['ownership'];?></td>
                              </tr>
                              <tr>
                                  <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Location</h6></th>
                                      <td><?php echo $row['location'];?></td>
                              </tr>
                            </tbody>
                          </table>
                        </div>
                      </div>
                    </div>
                    <div class="col-sm-12 my-2">
                      <div class="row">
                        <div class="card mt-1 col-12 p-2">
                          <div class="row">
                            <div class="col-12 col-sm-8">
                              <h6 class="card-text mt-1">Description</h6>
                              <p class="card-text"><?php echo $row['description']?></p>
                            </div>
                            <div class="col-12 col-sm-4 my-1">
                              <h6 class="card-text mt-1">Posted By</h6>
                              <div class="table-responsive">
                                <table class="table table-sm table-borderless mb-0">
                                  <tbody>
                                    <tr>
                                      <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Name</h6></th>
                                          <td><?php echo $userRow['name'];?></td>
                                    </tr>
                                    <tr>
                                      <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-
1">Contact</h6></th>
                                          <td><?php echo $userRow['phone'];?></td>
```

```html
                                                </tr>
                                            </tbody>
                                        </table>
                                    </div>
                                    <a href="userListed.php" class="mt-1 btn btn-secondary">Go Back</a>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>

        </section>
    </div>

    </body>
</html>
```

```php
<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

productDetail.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $carID = $_POST['carID'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars where carID = $carID;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);
    $row = mysqli_fetch_assoc($result);
    $userSql = "SELECT * FROM users where userID = ".$row['userID'].";";
    $userResult = mysqli_query($conn,$userSql);
    $userRow = mysqli_fetch_assoc($userResult);
```

```
?>

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light">
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                    <option value="logout">Logout</option>
                  </select>
```

```html
                </form>
            </li>
        </ul>

    </div>

</nav>

<section class="container mt-md-2 mt-2">

    <div class="row">
        <div class="col-sm-10 mx-auto my-2">
            <div class="row">
                <div class="col col-md-8 mb-4 mb-md-0">
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                </div>
                <div class="card col-md-4">

                    <h5><?php echo $row['carModel']?></h5>
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                                <tr>
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                                        <td><?php echo $row['carType'];?></td>
                                </tr>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Year</h6></th>
                                        <td><?php echo $row['year'];?></td>
                                </tr>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Fuel</h6></th>
                                        <td><?php echo $row['fuel'];?></td>
                                </tr>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Transmission</h6></th>
                                        <td><?php echo $row['gear'];?></td>
                                </tr>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Ownership</h6></th>
                                        <td><?php echo $row['ownership'];?></td>
                                </tr>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Location</h6></th>
```

```html
                        <td><?php echo $row['location'];?></td>
                    </tr>
                </tbody>
            </table>
        </div>
    </div>
</div>
<div class="col-sm-12 my-2">
    <div class="row">
        <div class="card mt-1 col-12 p-2">
            <div class="row">
                <div class="col-12 col-sm-8">
                    <h6 class="card-text mt-1">Description</h6>
                    <p class="card-text"><?php echo $row['description']?></p>
                    <div class="input-group rounded mb-1 mt-1">
                        <form method="POST" action="order.php">
                            <input type="text" value="<?php echo $carID?>" hidden name="carID">
                            <button onclick="order.submit()" class="btn btn-secondary">Intrested</button>
                        </form>
                    </div>
                </div>
                <div class="col-12 col-sm-4 my-1">
                    <h6 class="card-text mt-1">Posted By</h6>
                    <div class="table-responsive">
                        <table class="table table-sm table-borderless mb-0">
                            <tbody>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Name</h6></th>
                                        <td><?php echo $userRow['name'];?></td>
                                </tr>
                                <tr>
                                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-
1">Contact</h6></th>
                                        <td><?php echo $userRow['phone'];?></td>
                                </tr>
                            </tbody>
                        </table>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

    </section>
</div>
```

```php
    </body>
</html>

<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

usersOrders.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars,orders WHERE orders.userID = ".$userID." AND cars.carID =
orders.carID;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);

 ?>
```
```html
<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <title>Autozone</title>
```

```html
    </head>
    <body class="bg-light">

        <div class="container">

            <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
                <div class="container-fluid">

                    <a class="navbar-brand" href="product.php">
                        <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
                    </a>
                    <ul class="nav justify-content-end">
                        <li class="nav-item">
                            <a class="nav-link link-dark active" href="product.php">Buy</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link link-dark " href="sell.php">Sell</a>
                        </li>
                        <li class="nav-item my-auto">
                            <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                                <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                                    <option value="Dashbord">Dashbord</option>
                                    <option value="logout">Logout</option>
                                </select>
                            </form>
                        </li>
                    </ul>


                </div>
            </nav>

            <section class="container mt-1">
                <div class="row">

                    <div class="col-sm-4 list-group">
                        <a href="userDashbord.php" class="list-group-item list-group-item-action">Dashbord</a>
                        <a href="userOrders.php" class="list-group-item list-group-item-action active">Car Intrested</a>
                        <a href="userListed.php" class="list-group-item list-group-item-action">Car Listed</a>
                        <a href="userUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
                        <a href="userDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
                    </div>

                    <div class="col-sm-8 feedMargin mx-auto">
                        <h6>Your Interests</h6>
```

```php
            <?php  if($resultCheck > 0) {
               while($row = mysqli_fetch_assoc($result)) {
                  $carID = $row['carID'];
                ?>
                   <div class="card p-1">
                      <div class="row">
                         <img src="<?php echo $row['imageLocation']?>" class="col-sm-3 col-4 h-50 my-auto
img-fluid float-left">
                         <div class="col-sm-6 col-4 py-3">
                            <span class="d-block"><?php echo $row['company']?></span>
                            <span class="d-block">Rs <?php echo $row['price']?></span>
                         </div>
                         <div class="col-sm-3 col-2 py-3">

                             <form class="mt-1" method="POST" id="showMore" action="orderShow.php">
                                <select hidden name="carID">
                                   <option value="<?php echo $carID?>" selected hidden></option>
                                </select>
                                <button onclick="showMore.submit()" class="btn btn-secondary mx-
1">Show</button>

                             </form>

                             <form id="deleter" class="mt-1" method="POST" action="orderDelete.php">
                                <select hidden name="cancel">
                                    <option value="<?php echo $row['carID']?>"></option>
                                </select>
                                <button onclick=" deleter.submit() " class="btn btn-danger ">Cancel</button>
                             </form>
                         </div>
                      </div>
                   </div>
               <?php
                 }
               }
               ?>
            </div>
        </section>
   </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

orderShow.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $carID = $_POST['carID'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars where carID = $carID;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);
    $row = mysqli_fetch_assoc($result);
    $userSql = "SELECT * FROM users where userID = ".$row['userID'].";";
    $userResult = mysqli_query($conn,$userSql);
    $userRow = mysqli_fetch_assoc($userResult);

?>

<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
        <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

        <script src="product.js"></script>
        <title>Autozone</title>

    </head>
    <body class="bg-light">

        <div class="container">

            <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
```

```html
        <div class="container-fluid">

            <a class="navbar-brand" href="product.php">
                <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
            </a>
            <ul class="nav justify-content-end">
                <li class="nav-item">
                    <a class="nav-link link-dark active" href="product.php">Buy</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link link-dark " href="sell.php">Sell</a>
                </li>
                <li class="nav-item my-auto">
                    <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                        <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                            ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                            <option value="Dashbord">Dashbord</option>
                            <option value="logout">Logout</option>
                        </select>
                    </form>
                </li>
            </ul>

        </div>

    </nav>

    <section class="container mt-md-2 mt-2">

        <div class="row">
            <div class="col-sm-10 mx-auto my-2">
                <div class="row">
                    <div class="col col-md-8 mb-4 mb-md-0">
                        <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
                    </div>
                    <div class="card col-md-4">

                        <h5><?php echo $row['carModel']?></h5>
                        <p class="mb-2 text-muted text-uppercase small"><?php echo $row['company']?></p>
                        <p><span class="mr-1"><strong>Rs <?php echo $row['price']?></strong></span></p>
                        <div class="table-responsive">
                            <table class="table table-sm table-borderless mb-0">
                                <tbody>
                                    <tr>
                                        <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Type</h6></th>
                                            <td><?php echo $row['carType'];?></td>
                                    </tr>
                                    <tr>
```

```html
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Year</h6></th>
                      <td><?php echo $row['year'];?></td>
                  </tr>
                  <tr>
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-1">Fuel</h6></th>
                      <td><?php echo $row['fuel'];?></td>
                  </tr>
                  <tr>
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Transmission</h6></th>
                      <td><?php echo $row['gear'];?></td>
                  </tr>
                  <tr>
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Ownership</h6></th>
                      <td><?php echo $row['ownership'];?></td>
                  </tr>
                  <tr>
                    <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Location</h6></th>
                      <td><?php echo $row['location'];?></td>
                  </tr>
                </tbody>
              </table>
            </div>
          </div>
        </div>
        <div class="col-sm-12 my-2">
          <div class="row">
            <div class="card mt-1 col-12 p-2">
              <div class="row">
                <div class="col-12 col-sm-8">
                  <h6 class="card-text mt-1">Description</h6>
                  <p class="card-text"><?php echo $row['description']?></p>
                </div>
                <div class="col-12 col-sm-4 my-1">
                  <h6 class="card-text mt-1">Posted By</h6>
                  <div class="table-responsive">
                    <table class="table table-sm table-borderless mb-0">
                      <tbody>
                        <tr>
                          <th class="pl-0 w-25" scope="row"><h6 class="card-text
mt-1">Name</h6></th>
                              <td><?php echo $userRow['name'];?></td>
                        </tr>
                        <tr>
                          <th class="pl-0 w-25" scope="row"><h6 class="card-text mt-
1">Contact</h6></th>
                              <td><?php echo $userRow['phone'];?></td>
```

```
                            </tr>
                          </tbody>
                        </table>
                      </div>
                      <a href="userOrders.php" class="mt-1 btn btn-secondary">Go Back</a>
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </section>
        </div>

      </body>
</html>

<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

userDashbord.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];

 ?>
<!DOCTYPE html>
<html>
   <head>

      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <link href="style.css" rel="stylesheet">
      <!-- CSS only -->
```

```html
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
              <a class="nav-link link-dark" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
              <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
            <li class="nav-item my-auto">
                <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                  <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                    <option value="Dashbord">Dashbord</option>
                    <option value="logout">Logout</option>
                  </select>
                </form>
            </li>
            </ul>


        </div>
      </nav>

      <section class="container mt-1">
        <div class="row">

          <div class="col-sm-4 list-group">
            <a href="userDashbord.php" class="list-group-item list-group-item-action">Dashbord</a>
```

```html
                <a href="userOrders.php" class="list-group-item list-group-item-action">Car Ordered</a>
                <a href="userListed.php" class="list-group-item list-group-item-action">Car Listed</a>
                <a href="userUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
                <a href="userDeleteDashbord.php" class="list-group-item list-group-item-action active">Delete
Account</a>
            </div>

            <div class="col-sm-8 feedMargin mx-auto">
                <h6>Delete Account</h6>
                <p>Deleting your account permently removes all data from the server. Are you sure you want to
delete?</p>
                <form method="POST" action="userSelfDelete.php">
                    <select hidden name="userID">
                        <option value="<?php echo $userID ?>"></option>
                    </select>
                    <button type="submit" name="submit" class="btn btn-danger">Delete</button>
                </form>
            </div>
        </section>
    </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

userListed.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars WHERE userID = ".$userID.";";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);

 ?>
```
```html
<!DOCTYPE html>
<html>
```

```html
<head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
              <a class="nav-link link-dark active" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
              <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
            <li class="nav-item my-auto">
                <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                  <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                    <option value="Dashbord">Dashbord</option>
                    <option value="logout">Logout</option>
                  </select>
                </form>
            </li>
          </ul>


        </div>
      </nav>
```

```html
<section class="container mt-1">
  <div class="row">

    <div class="col-sm-4 list-group">
      <a href="userDashbord.php" class="list-group-item list-group-item-action">Dashbord</a>
      <a href="userOrders.php" class="list-group-item list-group-item-action">Car Ordered</a>
      <a href="userListed.php" class="list-group-item list-group-item-action active">Car Listed</a>
      <a href="userUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
      <a href="userDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
    </div>

    <div class="col-sm-8 feedMargin mx-auto">
      <h6>Your Listing</h6>
      <?php  if($resultCheck > 0) {
        while($row = mysqli_fetch_assoc($result)) {
          $carID=$row['carID'];
        ?>
          <div class="card p-1">
            <div class="row">
              <img src="<?php echo $row['imageLocation']?>" class="col-sm-3 col-4 h-50 my-auto
img-fluid float-left">
              <div class="col-sm-5 col-4 py-3">
                <span class="d-block"><?php echo $row['company']?></span>
                <span class="d-block">Rs <?php echo $row['price']?></span>
              </div>
              <div class="col-sm-3 col-2 py-3">
                <div class="d-flex justify-content-center mx-auto ">
                  <form class="mt-1" method="POST" id="showMore" action="productShow.php">
                    <select hidden name="carID">
                      <option value="<?php echo $carID?>" selected hidden></option>
                    </select>
                    <button onclick="showMore.submit()" class="btn btn-secondary mx-
1">Show</button>
                  </form>
                </div>
                <div class="d-flex justify-content-center mx-auto ">
                  <form class="mt-1" id="deleter" method="POST" action="listingDelete.php">
                    <select hidden name="cancel">
                      <option value="<?php echo $row['carID']?>"></option>
                    </select>
                    <button onclick="deleter.submit()" class="btn btn-danger ">Cancel </button>
                  </form>
                </div>
              </div>
            </div>
          </div>
        <?php
        }
```

```php
                    }
                ?>
            </div>
        </section>
    </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

userUpdate.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];

    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM users WHERE userID =".$userID.";";
    $result = mysqli_query($conn,$getsql);
    $row = mysqli_fetch_array($result);

 ?>
<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <title>Autozone</title>
```

```html
    </head>
    <body class="bg-light">

        <div class="container">

            <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
                <div class="container-fluid">

                <a class="navbar-brand" href="product.php">
                    <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
                    </a>
                    <ul class="nav justify-content-end">
                        <li class="nav-item">
                            <a class="nav-link link-dark active" href="product.php">Buy</a>
                        </li>
                        <li class="nav-item">
                            <a class="nav-link link-dark " href="sell.php">Sell</a>
                        </li>
                        <li class="nav-item my-auto">
                            <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                                <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                                    ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                                    <option value="Dashbord">Dashbord</option>
                                    <option value="logout">Logout</option>
                                </select>
                            </form>
                        </li>
                        </ul>


                </div>
            </nav>

            <section class="container mt-1">
                <div class="row">

                    <div class="col-sm-4 list-group">
                        <a href="userDashbord.php" class="list-group-item list-group-item-action">Dashbord</a>
                        <a href="userOrders.php" class="list-group-item list-group-item-action">Car Intrested</a>
                        <a href="userListed.php" class="list-group-item list-group-item-action">Car Listed</a>
                        <a href="userUpdate.php" class="list-group-item list-group-item-action active">Update
Account</a>
                        <a href="userDeleteDashbord.php" class="list-group-item list-group-item-action">Delete
Account</a>
                    </div>

                    <div class="col-sm-8 feedMargin mx-auto my-3">
                        <h6 class="mx-4 mx-sm-5">Update Details</h6>
```

```
<form class="mx-1 mt-5 mx-md-4" method="POST" action="update.php">

        <div class="d-flex flex-row align-items-center mb-4">
          <i class="fas fa-user fa-lg me-3 fa-fw"></i>
          <div class="form-outline flex-fill mb-0">
          <input type="text" name="name" id="name" class="form-control" value="<?php echo
$row['name'];?>" required/>
          <label class="form-label" for="name">Your Name</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
          <div class="form-outline flex-fill mb-0">
          <input type="email" id="email" name="email" class="form-control" value="<?php echo
$row['email'];?>" required />
          <label class="form-label" for="email">Your Email</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <i class="fas fa-lock fa-lg me-3 fa-fw"></i>
          <div class="form-outline flex-fill mb-0">
          <input type="password" name="password" id="password" class="form-control" value="<?php
echo $row['password'];?>" required />
          <label class="form-label" for="password">Password</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
          <div class="form-outline flex-fill mb-0">
          <input type="number" id="phoneNumber" name="phoneNumber" class="form-control"
value="<?php echo $row['phone'];?>" required />
          <label class="form-label" for="phoneNumber">Phone Number</label>
          </div>
        </div>

        <div class="d-flex flex-row align-items-center mb-4">
          <i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
          <div class="form-outline flex-fill mb-0">
          <textarea id="address" name="address" class="form-control" rows="4" required><?php echo
$row['address'];?></textarea>
          <label class="form-label" for="address">Address</label>
          </div>
        </div>

        <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
```

```php
            <button type="submit" name="submit" class="btn btn-secondary btn-lg">Update</button>
        </div>

            </form>
        </div>
    </div>
</section>
    </body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

userDeleteDashbord.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {

    $userID = $_SESSION['id'];

 ?>
```
```html
<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

        <title>Autozone</title>

    </head>
    <body class="bg-light">
```

```html
    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
              <a class="nav-link link-dark" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
              <a class="nav-link link-dark " href="sell.php">Sell</a>
            </li>
            <li class="nav-item my-auto">
              <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                  ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                  <option value="Dashbord">Dashbord</option>
                  <option value="logout">Logout</option>
                </select>
              </form>
            </li>
          </ul>


        </div>
      </nav>

      <section class="container mt-1">
        <div class="row">

          <div class="col-sm-4 list-group">
            <a href="userDashbord.php" class="list-group-item list-group-item-action">Dashbord</a>
            <a href="userOrders.php" class="list-group-item list-group-item-action">Car Ordered</a>
            <a href="userListed.php" class="list-group-item list-group-item-action">Car Listed</a>
            <a href="userUpdate.php" class="list-group-item list-group-item-action">Update Account</a>
            <a href="userDeleteDashbord.php" class="list-group-item list-group-item-action active">Delete
Account</a>
          </div>

          <div class="col-sm-8 feedMargin mx-auto">
            <h6>Delete Account</h6>
            <p>Deleting your account permently removes all data from the server. Are you sure you want to
delete?</p>
            <form method="POST" action="userSelfDelete.php">
              <select hidden name="userID">
```

```php
                    <option value="<?php echo $userID ?>"></option>
                </select>
                <button type="submit" name="submit" class="btn btn-danger">Delete</button>
            </form>
        </div>
    </section>
</body>
</html>
<?php

}else{

header("Location: loginForm.php");

exit();

}
```

brandSortedProduct.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);

?>

<!DOCTYPE html>
<html>
    <head>

        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
        <!-- CSS only -->
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
        <!-- JavaScript Bundle with Popper -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
```

```html
    <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
    <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

    <script src="product.js"></script>
    <title>Autozone</title>

</head>
<body class="bg-light">

    <div class="container">

        <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
            <div class="container-fluid">

                <a class="navbar-brand" href="product.php">
                <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
                </a>

              <ul class="nav justify-content-end">
                <li class="nav-item">
                  <a class="nav-link link-dark active" href="product.php">Buy</a>
                </li>
                <li class="nav-item">
                  <a class="nav-link link-dark " href="sell.php">Sell</a>
                </li>
                 <li class="nav-item my-auto">
                    <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                      <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                        ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                        <option value="Dashbord">Dashbord</option>
                        <option value="logout">Logout</option>
                      </select>
                    </form>
                </li>
              </ul>

          </div>

        </nav>

        <section class="container mt-md-2 mt-2">

          <div class="row">

            <div class="col-sm-3 mb-2 ">
              <div class="input-group-lg rounded">
                <form method="POST" action="search.php">
```

```html
                <input type="search" name="term" class="mb-2 form-control rounded" placeholder="Car
Name" aria-label="Search"
                aria-describedby="search-addon" />
                <button type="submit" name="submit" class="btn btn-secondary">Search</button>
                </form>
            </div>

            <div class="border mt-2 p-2">
                <form name="brandSort" method="POST" action="brandSortedProduct.php" >
                    <button type="submit" name="brand" value="Maruthi Suzuki" class="btn btn-outline-dark
btn-light my-1">Maruthi Suzuki</button>
                    <button type="submit" name="brand" value="Mahindra" class="btn btn-outline-dark btn-
light my-1">Mahindra</button>
                    <button type="submit" name="brand" value="Hundai" class="btn btn-outline-dark btn-light
my-1">Hyndai</button>
                    <button type="submit" name="brand" value="Toyota" class="btn btn-outline-dark btn-light
my-1">Toyota</button>
                    <button type="submit" name="brand" value="MG Motors" class="btn btn-outline-dark btn-
light my-1">MG Motors</button>
                    <a href="product.php" class="btn btn-outline-dark btn-light my-1">All</a>
                </form>
            </div>

            <div class="border mt-2 p-2">
                <form name="priceSort" method="POST" action="priceSortedProduct.php" >
                    <label class="form-label d-block">Price: </label>
                    <button type="submit" name="price" value="0" class="btn btn-outline-dark btn-light my-
1">0 - 30 Lkh</button>
                    <button type="submit" name="price" value="3000000" class="btn btn-outline-dark btn-light
my-1">30 - 60 Lkh</button>
                    <button type="submit" name="price" value="6000000" class="btn btn-outline-dark btn-light
my-1">60 - 90 Lkh</button>
                    <button type="submit" name="price" value="9000000" class="btn btn-outline-dark btn-light
my-1">90 - 120 Lkh</button>
                    <a href="product.php" class="btn btn-outline-dark btn-light my-1">All</a>
                </form>
            </div>
        </div>

        <div class="col-sm-9">
        <?php

            if($resultCheck > 0) {
            while($row = mysqli_fetch_assoc($result)) {

                if($_SESSION['id'] != $row['userID']){

                $brand = $_POST['brand'];
```

```php
                            if($row['company'] == $brand){

                                $carID = $row['carID'];
                            ?>
                    <div class="col-sm-8 feedMargin mx-auto">
                        <div class="card">
                            <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
                            <div class="card-body my-1">
                                <h5 class="card-title fs-2"><?php echo $row['carModel']?></h5>
                                <div class="d-flex justify-content-evenly">
                                <span class="card-text border border-grey rounded-pill p-1"><?php echo $row['km']?>km</span>
                                <span class="card-text border border-grey rounded-pill p-1"><?php echo $row['ownership']?></span>
                                <span class="card-text border border-grey rounded-pill p-1"><?php echo $row['fuel']?></span>
                                </div>
                                <span class="fs-3 card-text d-block"> <strong>Rs </strong><?php echo $row['price']?></span>
                                <form class="mt-1" method="POST" id="showMore" action="productDetail.php">
                                    <select hidden name="carID">
                                        <option value="<?php echo $carID ?>" selected hidden></option>
                                    </select>
                                    <button onclick="showMore.submit()" class="btn btn-secondary">Show More</button>
                                </form>
                            </div>
                        </div>
                    </div>
                    <?php
                        }
                        }
                        }
                        }
                    ?>

                </div>

            </div>

        </section>
    </div>

    </body>
</html>

<?php

}else{
```

```php
header("Location: loginForm.php");

exit();

}

?>
```

priceSortedProduct.php

```php
<?php

session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


    include_once 'dbConnect.php';

    $getsql = "SELECT * FROM cars;";
    $result = mysqli_query($conn,$getsql);
    $resultCheck = mysqli_num_rows($result);

?>
```

```html
<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
    <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

    <script src="product.js"></script>
    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">
```

```html
<nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
  <div class="container-fluid">

        <a class="navbar-brand" href="product.php">
        <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
        </a>

      <ul class="nav justify-content-end">
        <li class="nav-item">
          <a class="nav-link link-dark active" href="product.php">Buy</a>
        </li>
        <li class="nav-item">
          <a class="nav-link link-dark " href="sell.php">Sell</a>
        </li>
         <li class="nav-item my-auto">
              <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
                <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-light">

                  ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                  <option value="Dashbord">Dashbord</option>
                  <option value="logout">Logout</option>
                </select>
              </form>
        </li>
      </ul>

    </div>

  </nav>

  <section class="container mt-md-2 mt-2">

    <div class="row">

      <div class="col-sm-3 mb-2 ">
        <div class="input-group-lg rounded">
          <form method="POST" action="search.php">
          <input type="search" name="term" class="mb-2 form-control rounded" placeholder="Car Name" aria-label="Search"
          aria-describedby="search-addon" />
          <button type="submit" name="submit" class="btn btn-secondary">Search</button>
          </form>
        </div>

        <div class="border mt-2 p-2">
          <form name="brandSort" method="POST" action="brandSortedProduct.php" >
            <button type="submit" name="brand" value="Maruthi Suzuki" class="btn btn-outline-dark btn-light my-1">Maruthi Suzuki</button>
```

```html
                <button type="submit" name="brand" value="Mahindra" class="btn btn-outline-dark btn-
light my-1">Mahindra</button>
                <button type="submit" name="brand" value="Hundai" class="btn btn-outline-dark btn-light
my-1">Hyndai</button>
                <button type="submit" name="brand" value="Toyota" class="btn btn-outline-dark btn-light
my-1">Toyota</button>
                <button type="submit" name="brand" value="MG Motors" class="btn btn-outline-dark btn-
light my-1">MG Motors</button>
                <a href="product.php" class="btn btn-outline-dark btn-light my-1">All</a>
            </form>
          </div>

          <div class="border mt-2 p-2">
            <form name="priceSort" method="POST" action="priceSortedProduct.php" >
              <label class="form-label d-block">Price: </label>
              <button type="submit" name="price" value="0" class="btn btn-outline-dark btn-light my-
1">0 - 30 Lkh</button>
              <button type="submit" name="price" value="3000000" class="btn btn-outline-dark btn-light
my-1">30 - 60 Lkh</button>
              <button type="submit" name="price" value="6000000" class="btn btn-outline-dark btn-light
my-1">60 - 90 Lkh</button>
              <button type="submit" name="price" value="9000000" class="btn btn-outline-dark btn-light
my-1">90 - 120 Lkh</button>
              <a href="product.php" class="btn btn-outline-dark btn-light my-1">All</a>
            </form>
          </div>
        </div>

        <div class="col-sm-9">
        <?php

            if($resultCheck > 0) {
            while($row = mysqli_fetch_assoc($result)) {

                if($_SESSION['id'] != $row['userID']){

                $basePrice = $_POST['price'];
                $endPrice = $basePrice + 1000000;

                if($row['price'] >= $basePrice && $row['price'] <= $endPrice){

                $carID = $row['carID'];
            ?>
        <div class="col-sm-8 feedMargin mx-auto">
          <div class="card">
            <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
            <div class="card-body my-1">
              <h5 class="card-title fs-2"><?php echo $row['carModel']?></h5>
              <div class="d-flex justify-content-evenly">
```

```php
                    <span class="card-text border border-grey rounded-pill p-1"><?php echo $row['km']?
>km</span>
                    <span class="card-text border border-grey rounded-pill p-1"><?php echo
$row['ownership']?></span>
                    <span class="card-text border border-grey rounded-pill p-1"><?php echo
$row['fuel']?></span>
                </div>
                <span class="fs-3 card-text d-block"> <strong>Rs </strong><?php echo
$row['price']?></span>
                <form class="mt-1" method="POST" id="showMore" action="productDetail.php">
                    <select hidden name="carID">
                        <option value="<?php echo $carID ?>" selected hidden></option>
                    </select>
                    <button onclick="showMore.submit()" class="btn btn-secondary">Show More</button>
                </form>
            </div>
          </div>
        </div>
        <?php
            }
          }
        }
      }
      ?>

    </div>

  </div>

  </body>
</html>

<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

Search.php

```php
<?php
```

```php
session_start();

if (isset($_SESSION['id']) && isset($_SESSION['email'])) {


    include_once 'dbConnect.php';
    $sql = "SELECT * FROM cars;";
    $r_query = mysqli_query($conn,$sql);
    $flag=0;
?>
```

```html
<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="style.css" rel="stylesheet">
    <!-- CSS only -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
    <!-- JavaScript Bundle with Popper -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <script type="text/javascript" src="Scripts/jquery-2.1.1.min.js"></script>
    <script type="text/javascript" src="Scripts/bootstrap.min.js"></script>

    <script src="product.js"></script>
    <title>Autozone</title>

  </head>
  <body class="bg-light">

    <div class="container">

      <nav class="navbar sticky-top navbar-light bg-light border-bottom border-2">
        <div class="container-fluid">

          <a class="navbar-brand" href="product.php">
            <img src="icons\logo (3).svg" alt="" width="110rem" height="30rem">
          </a>
          <ul class="nav justify-content-end">
            <li class="nav-item">
              <a class="nav-link link-dark active" href="product.php">Buy</a>
            </li>
            <li class="nav-item">
```

```html
            <a class="nav-link link-dark " href="sell.php">Sell</a>
        </li>
         <li class="nav-item my-auto">
            <form id="user" name="menuForm" method="POST" class="" action="productMenu.php">
               <select onChange="user.submit()" name="userSel" id="usersel" class="userButton bg-
light">
                  ><option hidden value="user"><?php echo $_SESSION['name']; ?></option>
                  <option value="Dashbord">Dashbord</option>
                  <option value="logout">Logout</option>
               </select>
            </form>
        </li>
      </ul>

    </div>

  </nav>

  <section class="container mt-md-2 mt-2">

    <div class="row">

      <div class="col-sm-3 mb-2 ">
        <div class="input-group rounded">
          <form method="POST" action="search.php">
          <input type="search" name="term" class=" mb-2 form-control rounded" placeholder="Car
Name" aria-label="Search"
          aria-describedby="search-addon" />
          <button type="submit" name="submit" class="btn btn-secondary">Search</button>
          </form>
        </div>
      </div>

      <div class="col-sm-9 ">
      <?php

        if (!empty($_REQUEST['term'])) {
          $term = $_REQUEST['term'];
          while ($row = mysqli_fetch_array($r_query)) {

            if($_SESSION['id'] != $row['userID']){

            $carID = $row['carID'];
            if($row['carModel'] == $term || $row['carModel'] == strtolower($term) ||
$row=['CarModel']== ucfirst($term)){
              ?>
          <div class="col-sm-8 feedMargin mx-auto">
            <div class="card">
              <img src="<?php echo $row['imageLocation']?>" class="card-img-top" alt="...">
```

```php
                    <div class="card-body my-1">
                        <h5 class="card-title fs-2"><?php echo $row['carModel']?></h5>
                        <div class="d-flex justify-content-evenly">
                        <span class="card-text border border-grey rounded-pill p-1"><?php echo $row['km']?
>km</span>
                        <span class="card-text border border-grey rounded-pill p-1"><?php echo
$row['ownership']?></span>
                        <span class="card-text border border-grey rounded-pill p-1"><?php echo
$row['fuel']?></span>
                        </div>
                        <span class="fs-3 card-text d-block"> <strong>Rs </strong><?php echo
$row['price']?></span>
                        <form class="mt-1" method="POST" id="showMore" action="productDetail.php">
                          <select hidden name="carID">
                             <option value="<?php echo $carID ?>" selected hidden></option>
                          </select>
                          <button onclick="showMore.submit()" class="btn btn-secondary">Show More</button>
                        </form>
                      </div>
                    </div>
                  </div>
                  <?php
                      }
                    }
                  }
                }
                ?>

          </div>

        </div>

      </section>
   </div>

   </body>
</html>

<?php

}else{

header("Location: loginForm.php");

exit();

}

?>
```

Backend

adminOrdrderDelete.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

// collect value of input field
$del = $_REQUEST['deleteOrder'];

$delSql = "DELETE FROM orders WHERE orderID = ". $del .";";

if ($conn->query($delSql) === TRUE) {
  header("Location: orderRegister.php");
 } else {
  echo "Error deleting record: ".$conn->error;
 }
 $conn->close();
}
```

carDelete.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

// collect value of input field
$del = $_REQUEST['deleteCar'];

$delSql = "DELETE FROM cars WHERE carID = ". $del .";";

if ($conn->query($delSql) === TRUE) {
  header("Location: carsRegister.php");
 } else {
  echo "Error deleting record: ".$conn->error;
 }
 $conn->close();
}
```

carUpload.php

```php
<?php
session_start();
```

```php
if (isset($_SESSION['id']) && isset($_SESSION['email'])){

    include_once 'dbConnect.php';
    if ($_SERVER["REQUEST_METHOD"] == "POST") {

        function input_data($data) {
            $data = trim($data);
            $data = stripslashes($data);
            $data = htmlspecialchars($data);
            return $data;
        }

        $company = input_data($_REQUEST['company']);
        $carType = input_data($_REQUEST['carType']);
        $modelName = input_data($_REQUEST['modelname']);
        $year = input_data($_REQUEST['year']);
        $price = input_data($_REQUEST['price']);
        $location = input_data($_REQUEST['location']);
        $ownership = input_data($_REQUEST['ownership']);
        $description = input_data($_REQUEST['description']);
        $fuelType = input_data($_REQUEST['fuel']);
        $kmDriven = input_data($_REQUEST['km']);
        $gearType = input_data($_REQUEST['gear']);
        $imageName = $_FILES["image"]["name"];
        $tmp_img_name = $_FILES['image']['tmp_name'];
        $folder = 'upload/';
        $userID = $_SESSION['id'];
        move_uploaded_file($tmp_img_name,$folder.$imageName);
        $imagePath = input_data($folder.$imageName);

        $sql = "INSERT INTO cars (`company`, `carType`, `carModel`, `year`, `fuel`, `gear`, `km`, `price`,
`location`, `ownership`, `description`, `imageLocation`,`userID`) VALUES
('$company','$carType','$modelName','$year','$fuelType','$gearType','$kmDriven','$price','$location','$ownership'
,'$description','$imagePath','$userID')";

        if($conn->query($sql) === TRUE) {
            header("Location: userListed.php");
        } else {
            echo "Error: " . $sql . "<br>" . $conn->error;
        }
    }

} else {
    header("Location: loginForm.php");
}
```

dbConnect.php

```php
<?php
```

```php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "autozone";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
```

listingDelete.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

// collect value of input field
$del = $_REQUEST['cancel'];

$delSql = "DELETE FROM cars WHERE carID = ". $del .";";

if ($conn->query($delSql) === TRUE) {
    header("Location: userListed.php");
  } else {
    echo "Error deleting record: ".$conn->error;
  }
  $conn->close();
}
```

login.php

```php
<?php

session_start();

include "dbConnect.php";

if (isset($_POST['email']) && isset($_POST['password'])) {

    function validate($data){

        $data = trim($data);

        $data = stripslashes($data);

        $data = htmlspecialchars($data);
```

```php
   return $data;

}

$email = validate($_POST['email']);

$password = validate($_POST['password']);

if (empty($email)) {

   header("Location: loginForm.php?error=User Name is required");

   exit();

}else if(empty($password)){

   header("Location: loginForm.php?error=Password is required");

   exit();

}else{

   $sql = "SELECT * FROM users WHERE email='$email' AND password='$password'";

   $result = mysqli_query($conn, $sql);

   if (mysqli_num_rows($result) === 1) {

      $row = mysqli_fetch_assoc($result);

      if ($row['email'] === $email && $row['password'] === $password) {


         $_SESSION['name'] = $row['name'];

         $_SESSION['email'] = $row['email'];

         $_SESSION['id'] = $row['userID'];

         if($_SESSION['name'] == "admin"){
            header("Location: adminDashbord.php");
            exit();
         }else{
            header("Location: product.php");
            exit();
         }

      }else{
```

```php
                header("Location: loginForm.php?error=Incorect User name or password");

                exit();

            }

        }else{

            header("Location: loginForm.php?error=Incorect User name or password");

            exit();

        }

    }

}else{

    header("Location: loginForm.php");

    exit();

}
```

logout.php

```php
<?php

session_start();

session_unset();

session_destroy();

header("Location: loginForm.php");
```

order.php

```php
<?php

include_once 'dbConnect.php';

session_start();

$_SESSION['carID'] = $_REQUEST['carID'];


if ($_SERVER["REQUEST_METHOD"] == "POST") {

  $carID = $_SESSION['carID'];
  $userID = $_SESSION['id'];
```

```php
    $orderSql = "INSERT INTO orders (`carID`, `userID`) VALUES ('$carID','$userID');";

    if($conn->query($orderSql) === TRUE) {
        header("Location: userOrders.php");
    } else {
        echo "Error: " . $orderSql . "<br>" . $conn->error;
    }
}
```

orderDelete.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

// collect value of input field
$del = $_REQUEST['cancel'];

$delSql = "DELETE FROM orders WHERE carID = ". $del .";";

if ($conn->query($delSql) === TRUE) {
   header("Location: userOrders.php");
 } else {
   echo "Error deleting record: ".$conn->error;
 }
 $conn->close();
}
```

productMenu.php

```php
<?php

session_start();

if ($_SERVER["REQUEST_METHOD"] == "POST") {

   if($_SESSION['name'] == "admin"){

      // collect value of input field
      $sel = $_REQUEST['userSel'];

      if($sel == "logout")
      {
         header("Location: logout.php");
      }
      else if($sel == "Dashbord") {
           header("Location: adminDashbord.php");
         }
```

```php
    } else {

      // collect value of input field
      $sel = $_REQUEST['userSel'];

      if($sel == "logout")
      {
        header("Location: logout.php");
      }
      else if($sel == "Dashbord") {
          header("Location: userDashbord.php");
        }
    }
}
```

update.php

```php
<?php
include_once 'dbConnect.php';

session_start();

if ($_SERVER["REQUEST_METHOD"] == "POST") {


  function input_data($data) {
     $data = trim($data);
     $data = stripslashes($data);
     $data = htmlspecialchars($data);
     return $data;
  }

  // collect value of input field
  $name = input_data($_REQUEST['name']);
  $email = input_data($_REQUEST['email']);
  $password = input_data($_REQUEST['password']);
  $phone = input_data($_REQUEST['phoneNumber']);
  $address = input_data($_REQUEST['address']);

  $sql = "UPDATE `users` SET
`name`='$name',`email`='$email',`password`='$password',`phone`='$phone',`address`='$address' WHERE userID
= ".$_SESSION['id'].";";

  if ($conn->query($sql) === TRUE) {
     if($_SESSION['id'] == 28){
        header("Location: adminDashbord.php");
     } else {
     header("Location: userDashbord.php");
     }
  } else {
```

```php
    echo "Error updating record: " . $conn->error;
    }

    $conn->close();
}
```

userRegistration.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {


  function input_data($data) {
     $data = trim($data);
     $data = stripslashes($data);
     $data = htmlspecialchars($data);
     return $data;
  }

  // collect value of input field
  $name = input_data($_REQUEST['name']);
  $email = input_data($_REQUEST['email']);
  $password = input_data($_REQUEST['password']);
  $phone = input_data($_REQUEST['phoneNumber']);
  $address = input_data($_REQUEST['address']);

  $sql = "INSERT INTO users (`name`, `email`, `password`, `phone`, `address`) VALUES
('$name','$email','$password','$phone','$address')";

  if($conn->query($sql) === TRUE) {
     header("Location: login.php");
  } else {
     echo "Error: " . $sql . "<br>" . $conn->error;
  }
}
```

userDelete.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

// collect value of input field
$del = $_REQUEST['deleteUser'];
```

```php
$delSql = "DELETE FROM users WHERE userID = ". $del .";";

if ($conn->query($delSql) === TRUE) {
  header("Location: adminDashbord.php");
 } else {
  echo "Error deleting record: ".$conn->error;
 }
 $conn->close();
}
```

userSelfDelete.php

```php
<?php

include_once 'dbConnect.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {

// collect value of input field
$del = $_REQUEST['userID'];

$delSql = "DELETE FROM users WHERE userID = ". $del .";";

if ($conn->query($delSql) === TRUE) {
  header("Location: index.php");
 } else {
  echo "Error deleting record: ".$conn->error;
 }
 $conn->close();
}
```

style.css

```css
*
{
 margin: 0;
 padding: 0;
}

.feedMargin
{
 margin-bottom: 1rem;
}

.userButton
{
 border: none;
 outline: none;
 -webkit-appearance: none;
 text-align: center;
}
```

```css
.hider
{
  display: none;
}

.feedElement
{
  border: 2px solid red;
}

.imagewidth
{
  width: 100rem;
}
```

9.   CONCLUSION

Now it is very easy and efficient to buy and sell used cars online. Our website provides the best platform for user to look for used cars within the comfort of their homes. Buying and selling of used cars used be a very hideous procedure of searching, and usually people just end up buying a car they don't love. This system will eliminate the middle man and helps the user to sell or buy used cars directly from another user.

Used cars selling and platform will give the following benefits and features over the existing systems of used cars selling and buying.

- It saves user time that is wasted in search of required second hand vehicles.
- Users can find the various vehicle information along with images at a single place.
- This system is effective and saves time, efforts and cost of users.
- Sellers can also easily find a buyer for their vehicle by posting ads.
- Easy registration

10.   BIBLIOGRAPHY

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