

A
PROJECT REPORT
ON
“ONLINE CAR SHOWROOM”
ACADAMIC YEAR OCT 2020-21
B.C.A (5th SEM)
SUBMITTED TO
SAURASHTRA UNIVERSITY,
RAJKOT



COLLEGE NAME
BHAVAN'S SHREE H.J. DOSHI, INFORMATION
TECHNOLOGY INSTITUTE,
JAMNAGAR
SUBMITTED BY :-
JEET MEHTA
YASH MEHTA
UNDER THE GUIDENCE OF:-
HIRAL PANDYA



BHAVAN'S

SHREE H. J. DOSHI

Information Technology Institute,
Jamnagar

Certificate

Project Ref. No. : BCA_05_2020/ **20**

This is to Certify that
Mr./Ms./Mrs. **Jeet H. Mehta**

is regular student of B. C. A. Semester 5, Year-2020.

The Project on

Online Car Showroom

has been successfully completed for the partial fulfillment
of study required by Saurashtra University, Rajkot
for Academic Year 2020-2021.

College Seal



Lab InCharge

Lect. Hiral Pandya
Project Guide

Dr. H. B. Sheth
Director



BHAVAN'S

SHREE H. J. DOSHI

Information Technology Institute,
Jamnagar

Certificate

Project Ref. No. : BCA_05_2020/ **20**

This is to Certify that
Mr./Ms./Mrs. **Yash P. Mehta**

is regular student of B. C. A. Semester 5, Year-2020.

The Project on

Online Car Showroom

has been successfully completed for the partial fulfillment
of study required by Saurashtra University, Rajkot
for Academic Year 2020-2021.

College Seal



Lab InCharge

Lect. Hiral Pandya
Project Guide

Dr. H. B. Sheth
Director

INDEX

NO	TITLE	PAGE NO
1	ABSTRACT	05-06
2	PROFILE	07
3	INTRODUCTION <ul style="list-style-type: none"> ▪ Project Summary ▪ Project Purpose ▪ Project Scope 	08
4	SYSTEM ANALYSIS <ul style="list-style-type: none"> • Study of Current System • Problem and Weakness of Current System • Feasibility Study 	09-11
5	SYSTEM DESIGN <ul style="list-style-type: none"> ▪ Data Flow Dia gram ▪ E-R Diagram ▪ Data Dictionary 	12-20
6	IMPLEMENTATION AND TESTING	21
7	SCREENSHOTS&USER MANUAL	22-32
8	LIMITATION AND FUTURE ENHANCEMENT	33
9	BIBLIOGRAPHY	34

ABSTRACT

❖ PROJECT TITLE:

“ONLINE CAR SHOWROOM”

❖ AIM OF PROJECT:

Project making is a part of BCA. The student gets a chance to have practical knowledge of the software exposure as to gain control over programming languages. The objective of practical training of BCA levels is to develop among the student a feeling of software making in order to develop a practical base in them as supplement to the theoretical study of the computer application in general.

Such project making plays a domain role in developing practical viewpoints, experiences and also make them aware about the role situation of the software application.

This project is prepared under my knowledge, guidance given by our professors and specially thanks to concerned person, who has helped us to get knowledge on the project.

❖ PROJECT CATEGORY:

Web Application

❖ PROJECT DESCRIPTION:

The objective of this project is to maintain the details of the purchasing and selling of CARS.

The main objective of this project is to improve the administrator efficiency facilitating it to promptly address any kind of information sought for and to minimize the workload.

DECLARATION

Jeet Mehta and Yash Mehta student of 5th semester of BCA (Bachelor of Computer Application) at **SHREE H.J. DOSHI I.T. INSTITUTE** Jamnagar declares against you that this web site is developed by us.

No serious and lasting achievement or success, one can ever achieve without the help of friendly guidance and co-operation of all people involved in this work.

First of all we are grateful **Prof. Hiral Pandya** for helping us so much and showing his keen interest and co-operation in completing this work. Then we would like to thank my lab faculties also for co-ordination.

We would also like to thanks my Parents, friends and all member of my family for encouraging me for this work.

Thanks from,

JEET MEHTA.

YASH MEHTA.

Date:

Place:Jamnagar

PROFILE

Project Name : - Online car showroom

Project Language : - Front_End : PHP
Back_End : MYSQL (Database)

Year : - 2020-21

Duration : - 3 Months

Software Requirements : - MySQL
Web server
PHP

INTRODUCTION

❖ Project Summary:-

The project ONLINE CAR SHOWROOM is a web based project. It is totally based on the buying and selling of the cars.

Customer can see each and every detail of his/her car on this website. From adding a car to the cart till buying it and then sharing a feedback is a part of this project.

Now a days people are totally dependent on online shopping because no one has time to go to the shop and buy it manually. So it is a helpful project in sense of time and cost.

❖ Purpose of Project:-

In this site, user can see the various models of cars, prices, showrooms, relevant information etc. So user has not to go for different showrooms to search for their car. He/she can easily book their car through this site and can get it on his prescribed time.

All the entry fills up by the user, so user can get all the details of his/her car. After that the details can be notified by email or contact numbers.

The Website is developed in PHP, HTML, Java Script and MySQL for the Database.

The Website maintains the data of the user and its purchased car.

❖ Scope of Project:-

Our main aim is to perform all the transactions in a system. It is well organized, in order to reduce the cost and time of the user and equally maintain it as user-friendly.

SYSTEM ANALYSIS

❖ STUDY OF CURRENT SYSTEM:-

We have found that many problems had arisen in old system. So me and my partner decided to make new project with many facilities.

The investigation is needed to prepare a new system of computerization.

This project contains the information related to the user. To build this project some investigation has been done. A number of weakness in the current system has been stated. This are described below:-

- Objectives need the new system.
- Problem and weakness in the current system.
- Method to store the records in the manual system.
- It is time consuming.
- Information must be kept for each user.
- The possible output of the records.

❖ PROBLEM & WEAKNESS OF CURRENT SYSTEM:-

Every system faces different types of problems and after knowing various weaknesses we can be able to do the work in a best way

The problems and weakness of our site are as follows :-

- People have financial issues while buying this type of products.
- There are no offers for the booking of cars.
- The user can't check the live tracking of the car when it will be approved.

Feasibility Study

Feasibility study of the system is a very important stage during system design. Feasibility study is a test of a system proposal according to its workability impact on the organization, ability to meet user needs, and effective use of resources. Feasibility study decides whether the system is properly developed or not.

Following aspects are taken into account during feasibility study.

➤ **Technical Feasibility:-**

Technical feasibility that means user can store data in 4GB memory expand in the Pc. User can access Windows10 OS.

➤ **Software Requirement:-**

Developer can run this website in Chrome, Explorer and Firefox.

We had developed this project in PHP and MYSQL.

➤ **Network Requirement:-**

Internet is the main requirement to develop any project.

➤ **Economic Feasibility:**

Hard Disk Drives	360 GB	1295 RS.
RAM	4 GB	2960 RS.
Processor	4 GB	5999 RS.
Window	64 Ultimate	5480 RS.
CPU	Intel i3 7020U	@ 2.30GHZ

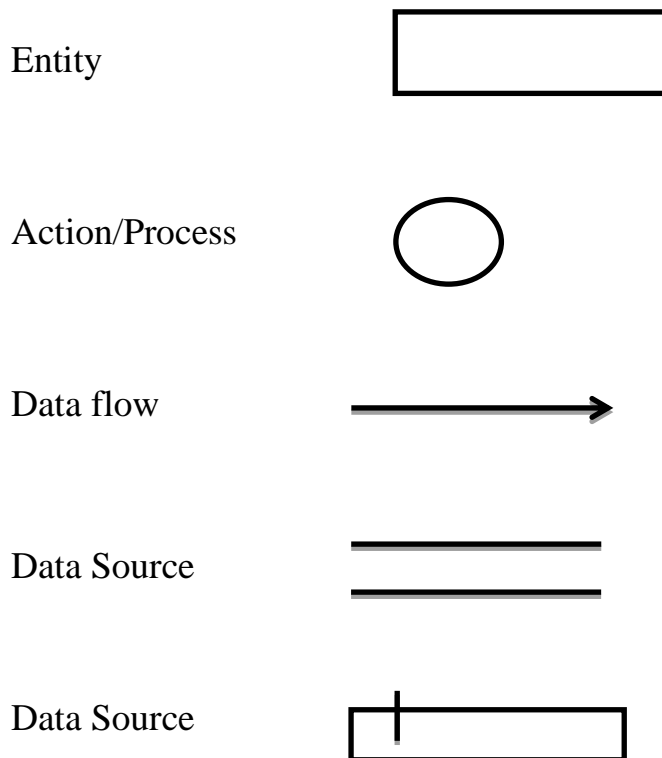
➤ **Operational Feasibility:**

Software will be user friendly and easy to access operation.

DFD (Data Flow Diagram)

The DFD (Data Flow diagram) is a graphical representation of 'flow' of data through an information system, modeling its process aspects. A DFD is often used as a preliminary step to create an overview of a system, which can later be elaborated. DFD can also be used for visualization of data processing.

A DFD shows what kind of information will be input to and output from a system, where the data will come and go to and where the data will be stored. It doesn't show information about timing of process or information about whether a process will operate in sequence.



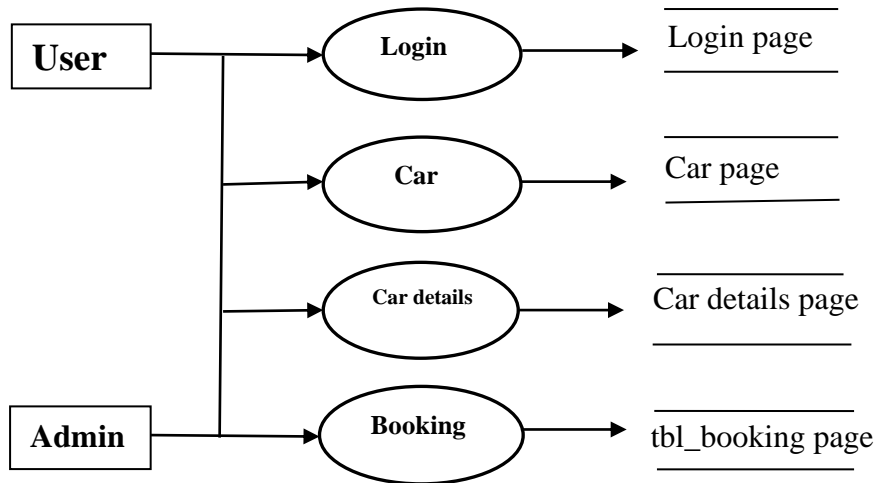
Data Flow Diagram (DFD) shows the flow of the data in to the system and processes and data stores. Data Flow Diagram has two types :-

- 1) Logical Data Flow Diagram
- 2) Physical Data Flow Diagram

CONTEXT LEVEL DFD



FIRST LEVEL DFD



E-R Diagram(Entity Relationship - Diagram)

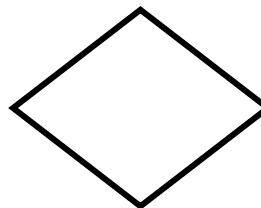
The ER diagram model also called “An Entity Relationship Diagram” is a graphical representation of entities and their relationship to each other, typically used in computing in regard to organization of data within databases or information system.

An entity relationship diagram is a data modeling technique that can help define business process and can be used as foundation for relational database. The shapes we have used in E-R Diagrams are as follows.

Entity



Relationship



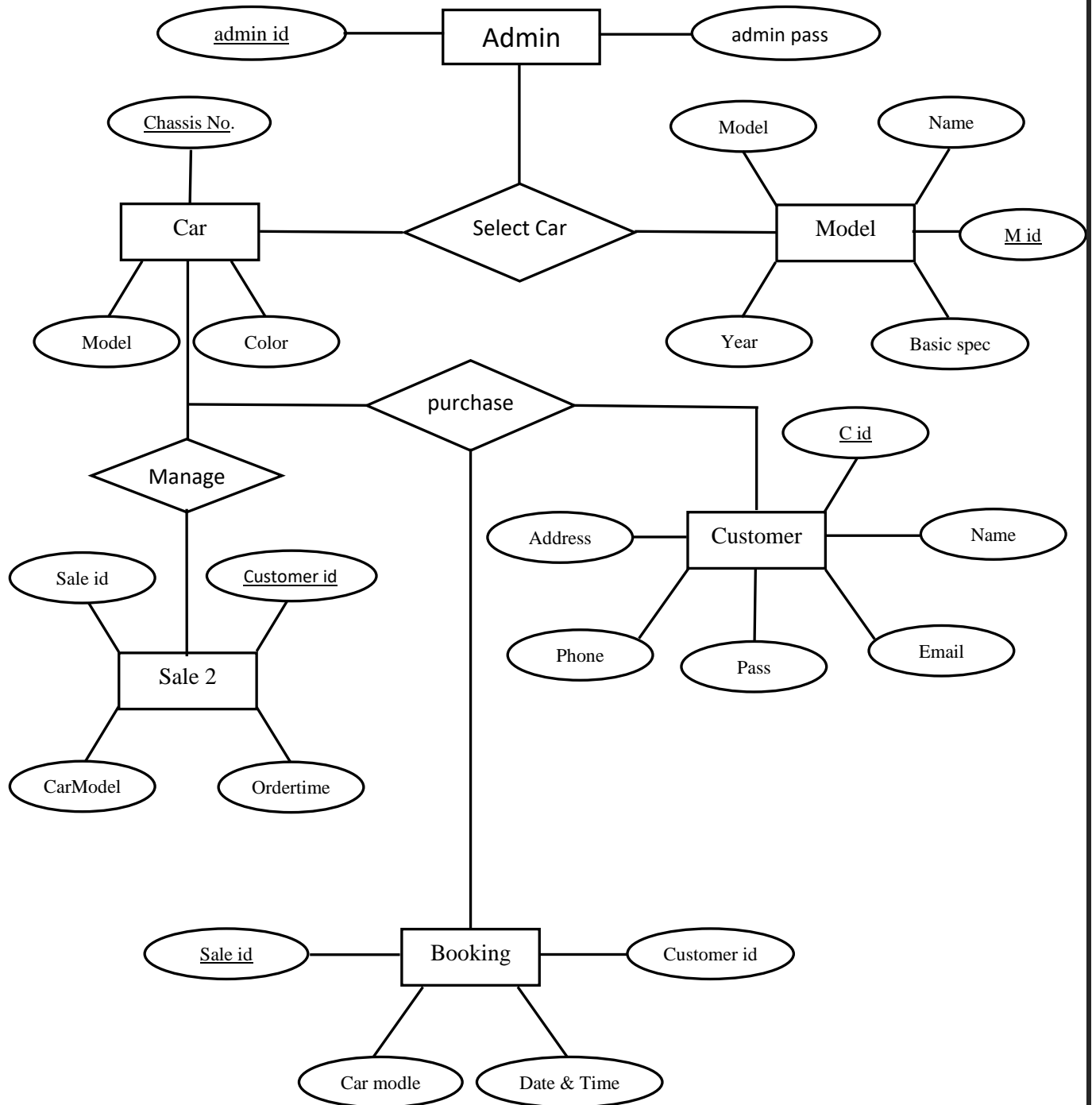
Attribute



Flow



E-R DIAGRAM(ENTITY-RELATIONSHIP DIAGRAM)



DATA DICTIONARY

A database is a collection of tables that is organized so that it can easily be accessed, managed and updated. In one view, database can be classified according to types of Content:

- Bibliographic
- Full-text
- Numeric
- Images

A database is an organized collection of data. It is collection of schemes, tables, queries, views and other objects. There are some tables are available in this project that listed below:-

- Admin
- Car
- Customer
- Dealership
- Manufacturer
- Model
- Sale2

(1) Admin:-

Column Name	Datatype	Size	Constraints
admin_id	Int	11	Primary key
admin_name	Varchar	200	-
admin_pass	Varchar	200	-

(2) Car:-

Column Name	Datatype	Size	Constraints
chassis_number	Int	9	Primary Key
Model	Int	11	Serial Key
Color	Varchar	20	Null

(3) Customer:-

Column Name	Datatype	Size	Extra
c_id	Int	11	Primary key
Name	Varchar	30	-
email	Varchar	250	-
pass	Varchar	250	_
Phone	Varchar	100	-
Address	Varchar	20	-

(4) Dealership:-

Column Name	Datatype	Size	Extra
d_id	Int	11	Primary key
Name	Varchar	30	-

(5) Manufacture:-

Column Name	Datatype	Size	Extra
m_id	Int	11	Primary key
Name	Varchar	25	-

(6) Model:-

Column Name	Datatype	Size	Extra
Model	Int	11	Primary key
m_id	Int	11	Foreign key
Name	Varchar	20	-
Year	Varchar	04	-
basic_spec	Varchar	200	-

(7) Sale2:-

Column Name	Datatype	Size	Extra
sale_id	Int	11	Primary key
customer_id	Int	11	-
Carmodel	Varchar	100	-
Ordertime	Datetime	-	-

IMPLEMENTATION & TESTING

Testing is a important role for the success of any system. The purpose of system testing is to identify & correct errors in candidate's system. System testing makes a logical assumption that if all the part of the system is correct, the goal will be successfully achieved. Inadequate testing leads to prone errors even after months of successful system implementation.

➤ **Program Testing:-**

All the programs in the System have been checked & all the syntaxes as well as the logical errors had been removed. All the inputs have been tested with dummy data. The adequate care is taken for the outputs that meet the user requirements.

➤ **Validation Checks:-**

All the checks for the validation have been done. Each & every data is Checked for validation and is processed by the system. The system is protected against unauthorized or faulty data. The validations are also been confirmed with the user.

➤ **Procedure & validation testing:-**

Dummy data was prepared and compiled in the normal manual way. The same was entered in the computerized system and compared with the manual data to ascertain the accuracy. Simultaneously invalid data were also entered to ascertain the efficiency of computerized system and as per testing these results were getting as result.

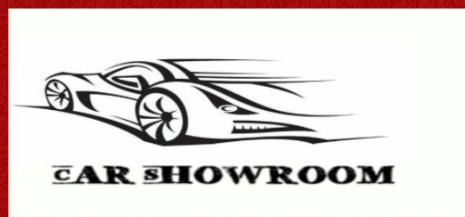
➤ **Output consideration:-**

All the reports were produced & documented as per the general requirements of business organizations. The reports are in the required as per the usual requirements. The formats, depending on the need of organization, can vary as compared to designed formats.

SCREEN SHOTS

ADMIN SIDE:-

(1) Admin Page



ADMINISTRATOR

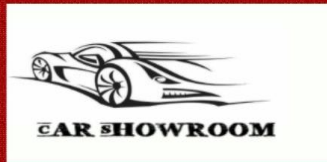
SIGN IN

USERNAME

PASSWORD

SIGN IN

(2) Admin Panel



Home	cars	Car++	Orders
Logout			

ADMINISTRATOR



OUR COMPANY

This is a CAR selling dealer.

Please read our Terms and Conditions

GET IN TOUCH

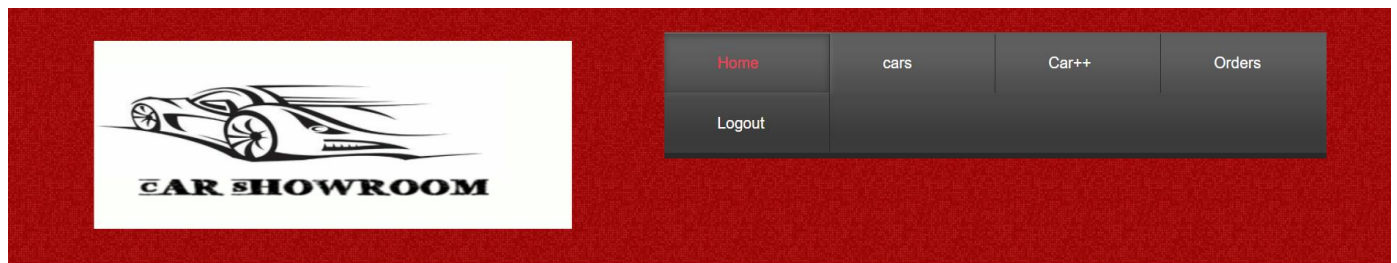
[g+](#) [t](#) [f](#) [in](#) [s](#)

-91 9409078145

-91 7990554788

carshowroom@gmail.com

(3) Add Car Form



Add a car

Select Your Car Model

Chasis Number

Color

ADD CAR

(4) Currently Available Car


[Home](#)
[cars](#)
[Car++](#)
[Orders](#)
[Logout](#)

CARS CURRENTLY AVAILBLE IN SHOWROOM

CAR MODEL NO	CAR NAME	NO. AVAILABLE
71	Land Cruiser Prado	1
72	Fortuner	2
73	Camry	2
74	Innova Crysta	2
75	Ertos Cross	2
76	Vellfire	2
77	YARIS	1
78	GLANZA	0
81	R8	0
82	Q7	0
83	RS7	2
84	A8	2
85	TT	2
86	R10	0
87	RS Q8	0
88	RS 6 AVANT	0

92	X6	2
93	i8	2
94	M3	2
95	X3	2
96	M8	0
97	Z4	0
98	X7	0
1001	Trailblazer	2
1002	Cruze	2
1003	Sail	2
1004	Beat	2
1005	Volt	2
1006	Corvette	0
1007	Camaro	0
1008	Tavera	0
1101	Db11	2
1102	Rapide	2
1103	Vanquish	2
1104	Vantage	2
1105	Vulcan	2
1106	DBX	0
1107	DBS	1
1108	VANTAGE AMR	0
1201	FORD MUSTANG	2
1202	FORD ECOSPORT	2
1203	FORD FIGO	2
1204	FORD ASPIRE	2
1205	FORD ENECONE	2

1008	Tavera	0
1101	Db11	2
1102	Rapide	2
1103	Vanquish	2
1104	Vantage	2
1105	Vulcan	2
1106	DBX	0
1107	DBS	1
1108	VANTAGE AMR	0
1201	FORD MUSTANG	2
1202	FORD ECOSPORT	2
1203	FORD FIGO	2
1204	FORD ASPIRE	2
1205	FORD FREESTYLE	2
1206	FORD FIESTA	0
1207	FORD MONDEO	0
1208	FORD ENDEAVOUR	0

OUR COMPANY

This is a CAR selling dealer
Please read our Terms and
Conditions

GET IN TOUCH



+91 9409078145

+91 7990554788

carshowroom@gmail.com

(5) Cars order



Home	cars	Car++	Orders
Logout			

THE COMPANY ORDER SUMMARY

ORDER NUMBER	CUSTOMER ID	CUSTOMER NAME	CAR MODEL
1	1	sourav	Fortuner
2	2	ankur	R8
3	1	sourav	R8
4	1	sourav	R8
5	3	hinal	R8

OUR COMPANY

This is a CAR selling dealer
Please read our Terms and
Conditions

GET IN TOUCH



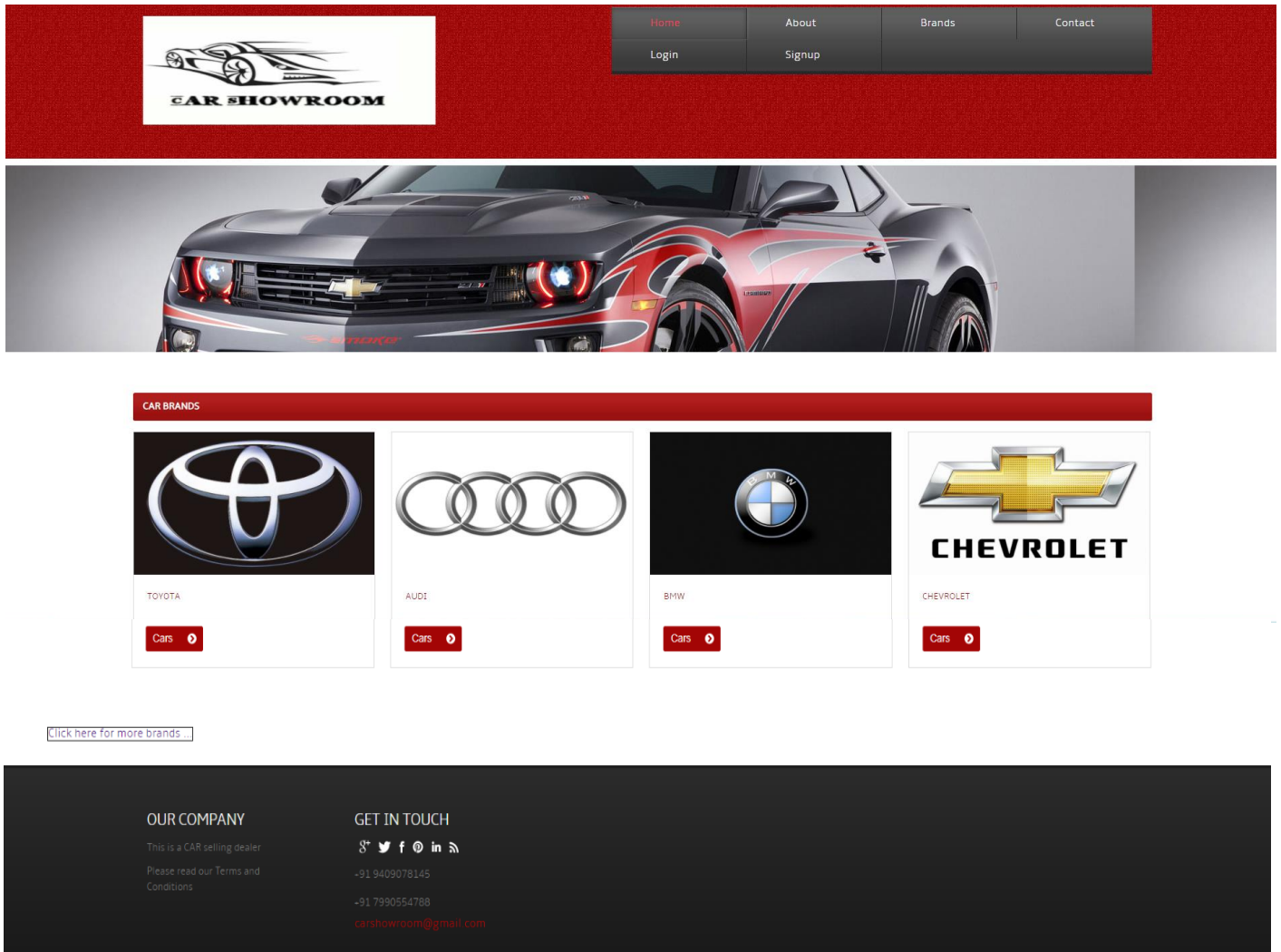
+91 9409078145

+91 7990554788

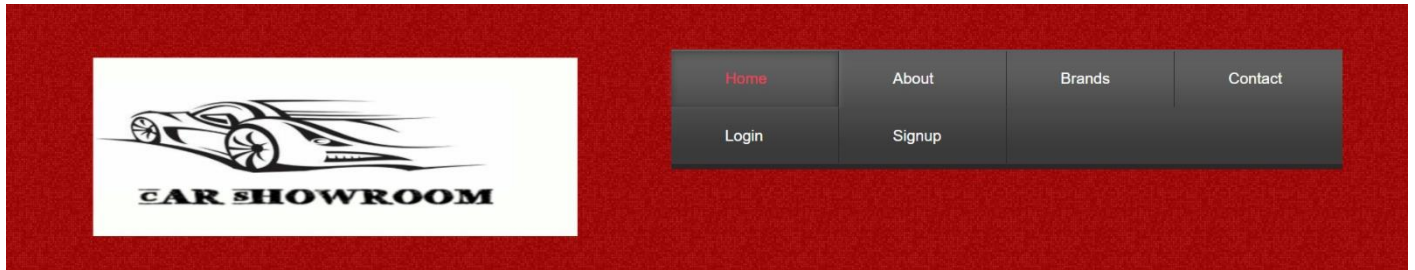
carshowroom@gmail.com

USER SIDE:-

(1) Home



(2) Cars Brands



Chevrolet



BMW



Audi



Toyota



Aston Martin



FORD

OUR COMPANY

This is a CAR selling dealer

Please read our Terms and Conditions

GET IN TOUCH



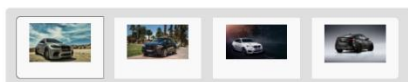
+91 9409078145

+91 7990554788

carshowroom@gmail.com

(3) Car Details

BMW X6 : (RS 1.26 CR*)



Economy	Performance
Mileage 15.87 kmpl	Engine 2933 cc
Fuel Type: Diesel	BHP: 313
Service Cost: Rs 55,973/yr	No. of cylinders : 6
Fuel Tank: 85L	No. of Gears : 8 Speed

Comfort	Safety
Transmission : Automatic	ABS : Yes
Rear AC vents: Yes	Driver Airbag : Yes
Seating capacity: 4	Parking Sensor : Yes
Bootspace :550L	Air Bag: Yes

X6 highlights

BMW X6 has been on sale in India since October 2015. Currently it is available on sale in two trim levels - xDrive40d M Sport and the X6 M. While the former is powered by a 3.0-litre turb-diesel (313PS/630Nm), the latter gets a turbocharged, 4.4-litre V8 which produces 575PS of power and 750Nm of torque. Both the engines are offered with an 8-speed automatic transmission, albeit with different tuning. The xDrive40d also gets BMW's four-wheel drive technology.

BOOK THE CAR

OUR COMPANY

This is a CAR selling dealer

Please read our Terms and Conditions

GET IN TOUCH

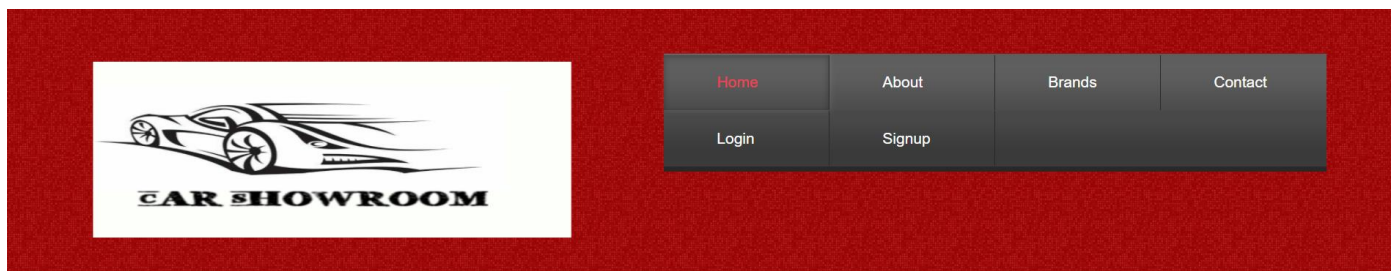


+91 9409078145

+91 7990554788

carshowroom@gmail.com

(4) login page



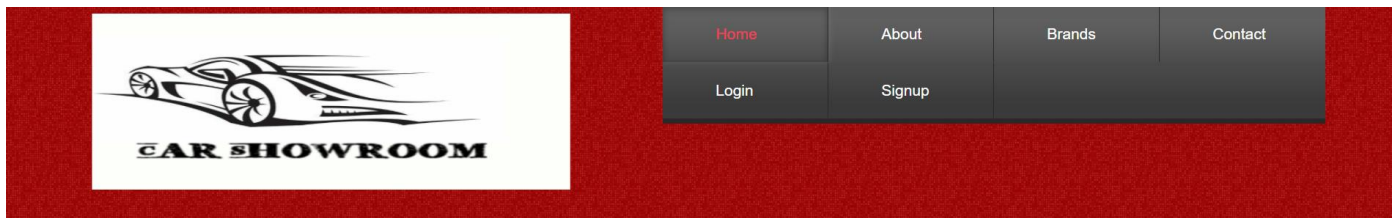
SIGN IN

Email

PASSWORD

SIGN IN

(5) Signup Page



User Account Registration

Name

Email

Address

phone

PASSWORD

SIGN UP

(6) About us

[Home](#)[About](#)[Brands](#)[Contact](#)[Login](#)[Signup](#)

About Us

Car Showroom is India's leading car search venture that helps users buy cars that are right for them. Its website and app carry rich automotive content such as expert reviews, detailed specs and prices, comparisons as well as videos and pictures of all car brands and models available in India. The company has tie-ups with many auto manufacturers, more than 4000 car dealers and numerous financial institutions to facilitate the purchase of vehicles. Car Showroom has launched many innovative features to ensure that users get an immersive experience of the car model before visiting a dealer showroom. These include a Feel The Car tool that gives 360-degree interior/exterior views with sounds of the car and explanations of features with images; search and comparison by make, model, price, features; and live offers and promotions in all cities. The platform also has used car classifieds wherein users can upload their cars for sale, and find used cars for buying from individuals and used car dealers.

Create BY

JEET MEHTA

YASH MEHTA

(7) Contact us

[Home](#)[About](#)[Brands](#)[Contact](#)[Login](#)[Signup](#)

Contact Us

If you have any query, please contact us by filling the form below . We will respond you as soon as posible!

Name

E-Mail

SUBJECT

Address

BHAVAN'S SHREE H.J DOSHI IT INSTUTE,
VIKAS ROAD,
JAMNAGAR
Phone:(91) +91 9409078145
Phone: (91) +91 7990554788
Email: carshowroom@gmail.com
Follow on: [Facebook](#), [Twitter](#)

LIMITATION & FEATURES FOR FUTURE ENHANCEMENT

❖ Limitation :-

Limitation is the major part of every application and system. In every application there are certain limitations. No application or software can be there without any limitations.

Here we have done our best try to solve every limitation but some are there which we were not able to solve because of the level of our course, time limit and knowledge.

Hence our site has following limitations:-

- Large database cannot be handled.
- Wishlist facility is not available.
- Data type validation – we were not able to give proper data type and data length validation due to lack of time.
- Searching option is not possible.

❖ Future Feature Enhancement:-

In our future enhancement we will try to overcome all these above limitations.

- We will try to make it more user-friendly.
- We will solve some errors and bugs.
- We will add more features in our site.
- We will also provide some extra facilities in near future.

BIBLIOGRAPHY

➤ Books:

- PHP 5.0
- Designing using PHP
- Web Developing using PHP

➤ Web Sites:

- www.w3school.com
- www.php.net