

**R & M**

**A**

**PROJECT REPORT ON**

**“R & M”**

**Submitted To**

**C.B PATEL COMPUTER COLLEGE**

**Affiliated To**

**VEER NARMAD SOUTH GUJARAT UNIVERSITY,**

**SURAT**

As A Partial Fulfillment for the Degree of

**BACHELOR OF COMPUTER APPLICATION (BCA)**



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## ACKNOWLEDGEMENT

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Success in such a comprehensive project cannot be achieved single-handled. It is team effort that sails the ship to the coast. So we would like to express our sincere thanks to all the dignitaries who were involved in making this project a great joy and turning it into successful piece of work.

We would like to take opportunity to thank our college **C.B. Patel Computer College**, Surat for giving us this tremendous opportunity to work in the real-time project.

**Mr. Dhananjay Patel**, our professor and project co-ordinator, has been very prudent to us throughout our college studies. She is the person who has been giving direction to our work and the shape to our imagination. We express our regards to her from the core of our heart.

We would also like to thank all our professors who are always ready to give best guidance. They are the individuals who give solutions whenever required.

We would also like to acknowledge all **our friends** and colleagues, team members for their help and encouragement from time to time. The constant support and encouragement of our friends deeply appreciates. The project indeed gave challenging and exhilarating experience in designing and developing the required system.

Finally we would like to thank **our Parents** for their support throughout the project. We owe a special debt to our family & friends for their supports blessing and encouragement for me.

THANKS ALL.....

*Krishna Sukhadia*

*Bhupendra Rai*

*Saloni Patel*

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## **1. Introduction**

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The main aim of this project is to create an application that is helpful while finding your perfect cars.

In the existing System it is difficult to maintain the car information individually and to supply for the customers who are eager to buy them. Customer has to face difficulty in order to know the information of car like manufacturing year, car model and other valuable information in a single domain. Our main idea is to develop a system where we can have all the required information for the user in order to effectively interest him in the process of buying a car.

In the Proposed System, 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.

This System also provide facility to dealers to increase their sell by finding new customers, Dealer have facility like add newly launched car to their profile and connect to customer through this System.

In comparison to the existing systems the proposed system will be efficient in providing a market for various dealers to sell cars in a single platform and will also be give the customer a simple but efficient platform to communicate, comment, express his views on the various products offered by the dealer.

This application mainly consists of 4 modules: user module, admin module, dealer module, viewing all cars module.

## **2. Objective of Project**

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- **Project Definition:**

A Project that able to give user an opportunity to find his/her perfect car in single portal, Information like car manufacturing year, car modal and every required information in order to find a perfect car and interest user to buy a car, this project also provide dealer to connect to user direct through this portal and increase their sell.

- **Features:**

- ✓ Project are categorized into Dealer Services, Car listing, online Test-drive booking, Car Details.
- ✓ E-mail services are provide.
- ✓ Feedback table for getting feedback from customers.
- ✓ On-road Car Pricing and cars comparison .
- ✓ Online test-drive booking for Users.

- **Admin panel features:**

- ✓ Manage category panel to insert, update, delete and select category.
- ✓ Login facility for admin and customer both.
- ✓ Car details, User details, Dealer details, Test-drive booking details, Manage Events, Manage News, Car Image gallery, different types of events and News etc.
- ✓ Search all types of details.

### **3. Tools/Environment used**

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<b>Front End</b>	:	<b>Visual Studio 2010</b>
<b>Scripting Language</b>	:	C# with ASP.NET
<b>Back End</b>	:	SQL Server 2008
<b>Operating System</b>	:	Microsoft Windows 10
Additional Tools	:	
<b>E-R Diagram / DFD</b>	:	E Draw Max
Additional Technologies	:	J Query, Bootstrap, CSS3, JavaScript

## 4. Analysis Report

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### 4.1 Time-Line Chart

Work Tasks	Dec		Jan				Feb				Mar				Apr		
	Week	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
<b>1.Requirement Gathering &amp; Analysis</b>																	
1.1 Learn C#																	
1.2 Requirement Gathering																	
1.3 Requirement Analysis																	
1.4 SRS																	
1.5 Review																	
<b>Milestone:</b> Requirements Gathered.																	
<b>2.Modeling</b>																	
2.1 Identifying proposed project profile.																	
2.2 Identifying Objectives.																	
2.3 Scope definition.																	
2.4 Review.																	
<b>Milestone:</b> Modeling Completed.																	
<b>3.System Design</b>																	
3.1 Design system flow.																	
3.2 Database Design.																	
3.3 Admin Side Design.																	
3.4 Client Side Design																	
3.4 Dealer Side Design																	
3.6 Review.																	
<b>Milestone:</b> System Design completed																	
<b>4.Coding</b>																	
4.1 Admin Side Coding																	
4.2 Client Side Coding																	
4.3 Dealer side Coding																	
<b>Milestone:</b> Coding completed																	
<b>5.Testing</b>																	
5.1 Unit testing																	
5.2 Integration Testing																	
5.3 Correction																	
<b>Milestone:</b> Testing Complete																	

## 4.2 current System

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### ■ Features of current system

- ✓ User Registration
- ✓ Dealer Registration.
- ✓ Admin Login and manage category
- ✓ View and get details about Cars, Events, Dealer, Test-drive booking etc.

### ■ Admin

This page indicates all the clients and dealers list and they can shows that which client and dealers views in which category

- ✓ All Categories are managed and shown in client and dealer side.
- ✓ Also manage car company & models and show in client and dealers side.
- ✓ Can edit, delete, search and add Cars Details.

### ■ User

- ✓ User can Compare cars, view cars details, Search cars, Book test-drive.
- ✓ User can login and registered in website.
- ✓ User can also search nearest Dealer.

### ■ Dealer

- ✓ User can mange test-drive booking status.
- ✓ User can login and registered in website.
- ✓ User can add new car models in its profile .

## 4.3 Drawback/limitation of current System

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- ✓ This system can't provide facility of buying cars online.

## 4.4 Requirement Specification

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- **Functionality Portioned**

- ✓ Admin
- ✓ Dealer
- ✓ Client

Different types before developing an elegant software, best way to identify basic needs and functionality is to take interview of dealers and management who are working in that specific area addressed by proposed application. By analyzing the information we understand following process requirement for security system.

- **Understand the process of security system**

- ✓ What type of forms should be include?
- ✓ How to manage all forms?
- ✓ How to manage login and logout process?
- ✓ How to manage all Users?
- ✓ How to manage all Dealers?
- ✓ How to manage cars categories, cars sub categories, city and location?
- ✓ How to manage all forms linked with each other?
- ✓ How to perform all member's security level and perform an authentication and give person account to each member's for security purpose.

- **Understand different types of user who uses this website:**

- ✓ Provide authorization and separate their functionality?

- **Requirement Analysis:**

- ✓ We analyze our gathered information and we have decided our system should have following functionalities.
- ✓ It Creates User account.
- ✓ It Creates Dealer account.
- ✓ It deletes User account
- ✓ It deletes Dealer account.

- ✓ Authorization of User account.
- ✓ Authorization of Dealer account.

## ■ Admin

### ● Module:

- ✓ Login
- ✓ User management
- ✓ Dealer management
- ✓ Company management
- ✓ Car management
- ✓ Test-Drive booking management

## ■ Dealer

### ● Module:

- ✓ Login
- ✓ Dealer registration
- ✓ Car model management
- ✓ Test-drive booking management
- ✓ View News
- ✓ View Events

**■ User****● Module:**

- ✓ Login
- ✓ User registration
- ✓ Test-drive booking
- ✓ View car Details
- ✓ View car comparison
- ✓ View dealer details
- ✓ View News

## **4.5 Proposed System**

---

- ✓ Scope
- ✓ Objectives
- ✓ Constraints

### **Scope**

- ✓ Our website is bounded across the following users:-

#### **4.5.1 Admin**

#### **4.5.2 Dealer**

#### **4.5.3 User**

#### **4.5.4 Visitors**

### **4.5.1 Admin**

- ✓ Admin manage facility for insert, update and delete category.
- ✓ Admin can manage accounts of user and dealer.
- ✓ Admin can send registration confirmation Mail to the user and also dealer.
- ✓ Admin manage feedback for system given by Dealer.

- ✓ Admin manage inquiry form for test-drive booking and also can send mail to user and dealer.
- ✓ Admin can manage car company.
- ✓ Admin can manage car models and their versions.
- ✓ Admin can manage car details and show car details to user
- ✓ Admin can manage automobile events.
- ✓ Admin also manage gallery where admin upload photos of cars and colors of cars .

#### **4.5.2 Dealer**

- ✓ Dealer can login to the system.
- ✓ Dealer can also register their information by the registration form and Mail that can be received from admin.
- ✓ When the dealer forgot their password the forgot password facility also provide.
- ✓ Dealer can manage test-drive bookings of cars from a user.
- ✓ Dealer can manage car models.
- ✓ Dealer can send enquiry message to Admin about system.
- ✓ Dealer can view automobile events and news.

#### **4.5.3 User**

- ✓ User can login to the system.
- ✓ User can also register their information by the registration form and Mail that can be received from admin.
- ✓ User can also change password.
- ✓ When the user forgot their password the forgot password facility also provide.
- ✓ User can book a test-drive of a car from a dealer.
- ✓ User can search and view all types of information about cars.
- ✓ User can compare details of two cars.
- ✓ User can receive inquiry details from dealer for the test-drive booking.
- ✓ User can find car dealer at any city.
- ✓ User can view news, events and watch videos about cars.

#### **4.5.3 Visitors**

- ✓ Visitors can search and view all types of information about cars.
- ✓ Visitor can compare details of two cars.
- ✓ Visitor can view news, events and watch videos about cars.

- ✓ Visitor can find car dealer at any city.
- ✓ Visitors can register on the system.

## **Objectives**

- Why Online car listing Website?
- ✓ Now a day's people in this speedy world want everything in hand.
- ✓ Suppose they want to buy a car then they have to go to the and find dealer and search for car they want and its waste of time.
- ✓ So to solve this problem we made this site to find cars view all car details and if they are confused between two cars they can compare them.
- ✓ This site also provide facility to find car dealer at there city and book test-drive online, so they don't have to waste their time for searching cars.

## **Constraints:**

The constraints associated in the development of any software system includes those that common to all system. The common constraints may include lack of managerial participation tighter development schedule etc.

Some of the constraints listed below with which we have developed this system.

- ✓ It requires Microsoft Windows 10
- ✓ Net connection and software are requiring.
- ✓ It is a general system and hence it may require some modification of Primary Level to best fit in satisfying specific requirements.
- ✓ It requires Windows XP or higher operating system.
- ✓ It requires internet connected to the system.
- ✓ It requires SQL server 2008.
- ✓ It requires Microsoft visual.Net 2010.

## **4.6 Advantage of Proposed System**

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**✓ Less manual work:**

Since all the work to be done from the computerized system so all the paper work will be remove and in this case it will be remove all stationary.

**✓ Human based activity reduce:**

The proposed system is totally based on the computer and decreased the human anomalies and all the center transactions are enter and proposed by computer so it will be take a less time and also reduce all disbursement for the employee who are working for the management and all the transactions.

**✓ Less Time Required:**

In our proposed system, all the processes are carried out by computer so naturally it will required less time than traditional center management system and in that sense, it will required less time to complete transactions can process data very fast.

**✓ High Amount of Accuracy:**

In our new proposed system there are less amount of human activities are involved in that case it will have less effect on our work. The new system will perform all calculation and manipulation automatically, in that case the data that we will received will be accurate and much more reliable than the data that is generated previously.

**✓ Low Expenditure:**

The stationary maintenance will be reduced in the proposed system. This automatically decreases the total expenditure of the management.

**✓ Help to take proper Decision:**

All Activities are computer-based activities so information provided to management is almost accurate. Right decision-making needs accurate information. So with the help of proposed system, the management can make the proper decision in most of the cases.

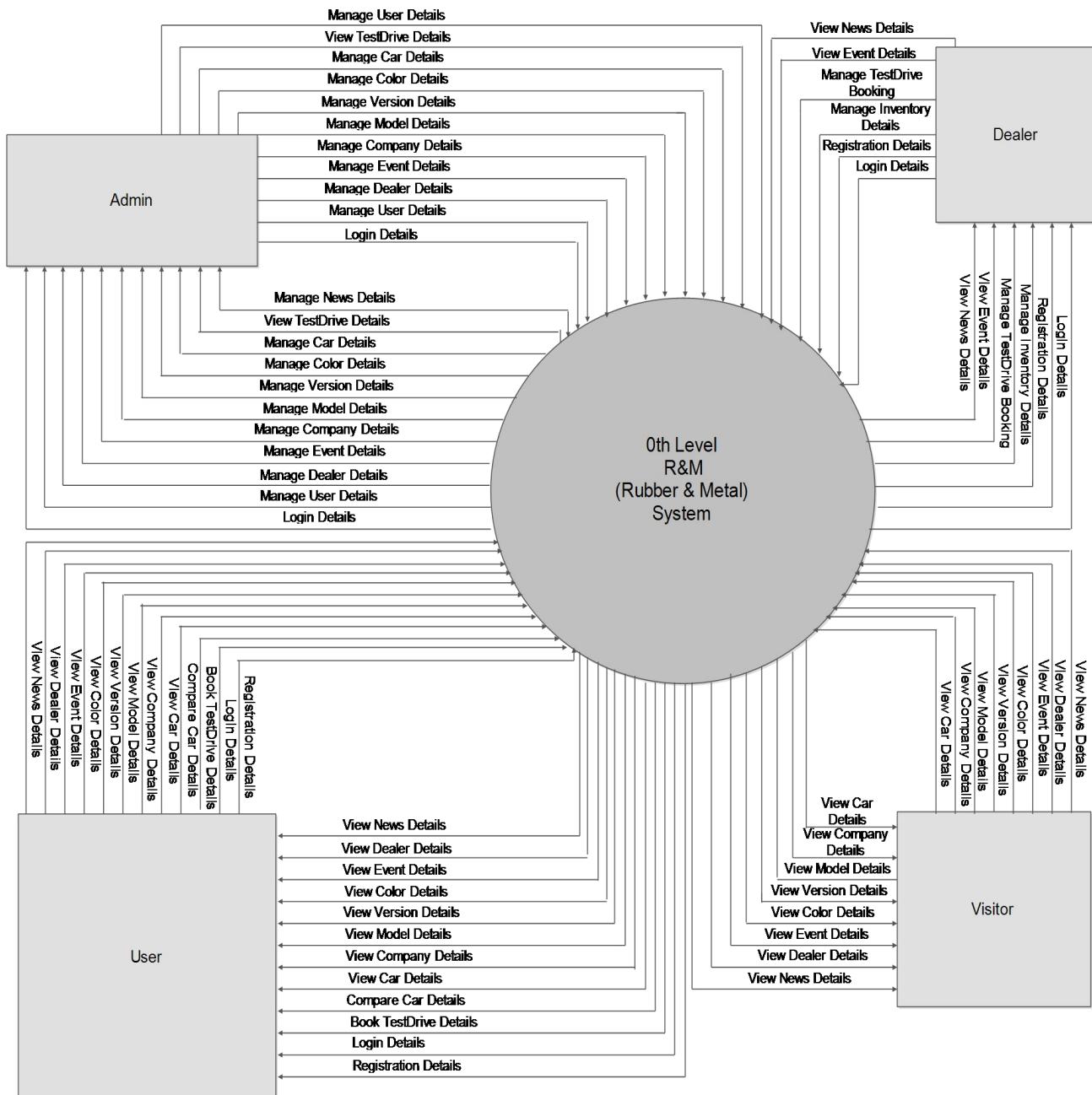
**✓ System can be implemented:**

Since all requirement are fulfilled and satisfied by our computerized system and can perform all tasks that provided by management, but in circumstances, if our management wants to improve our system and they compare to make changes in our existing system. We can improve that change according to the management requirement.

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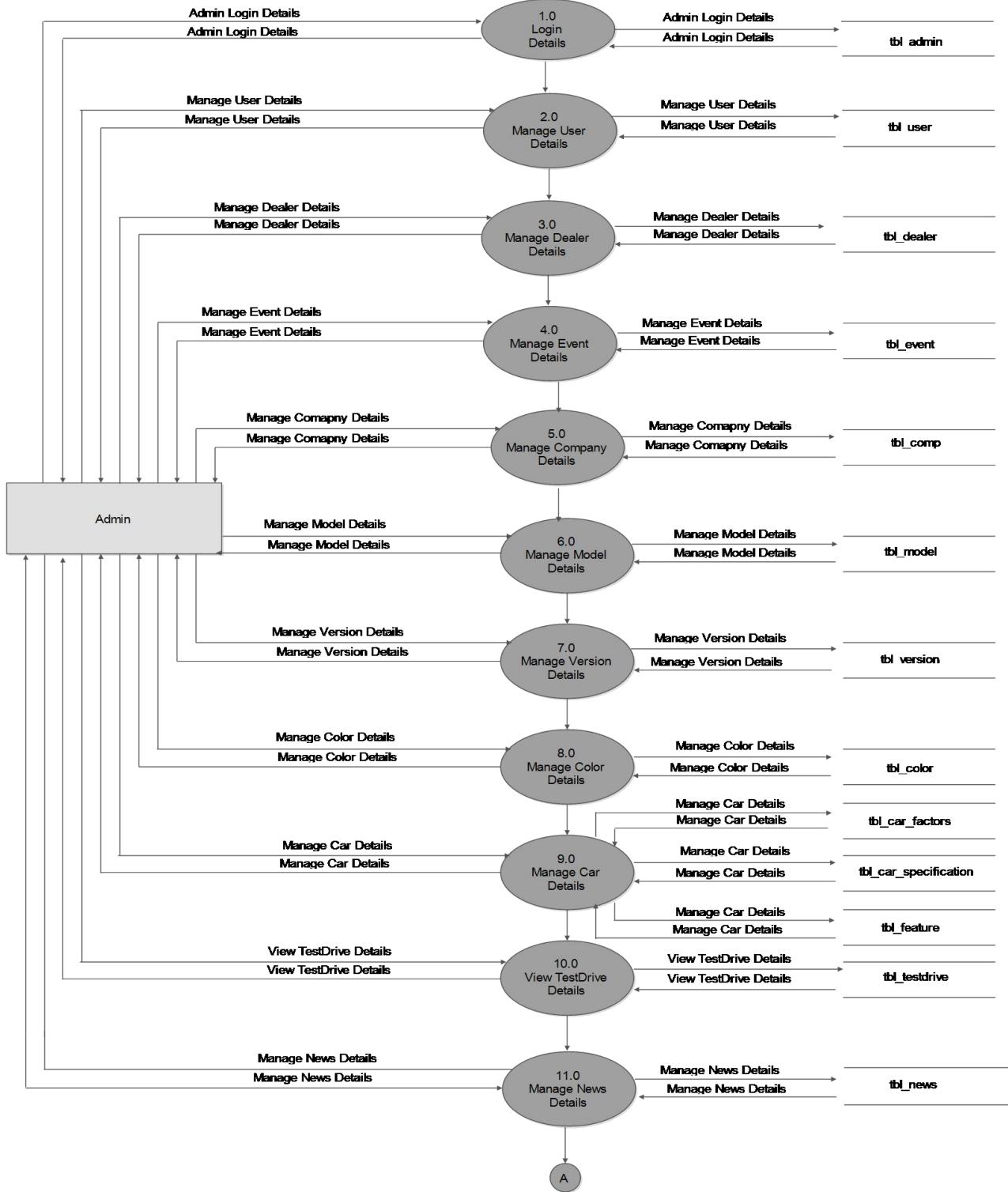
## 4.7 Data Flow Diagram

- Context level DFD:

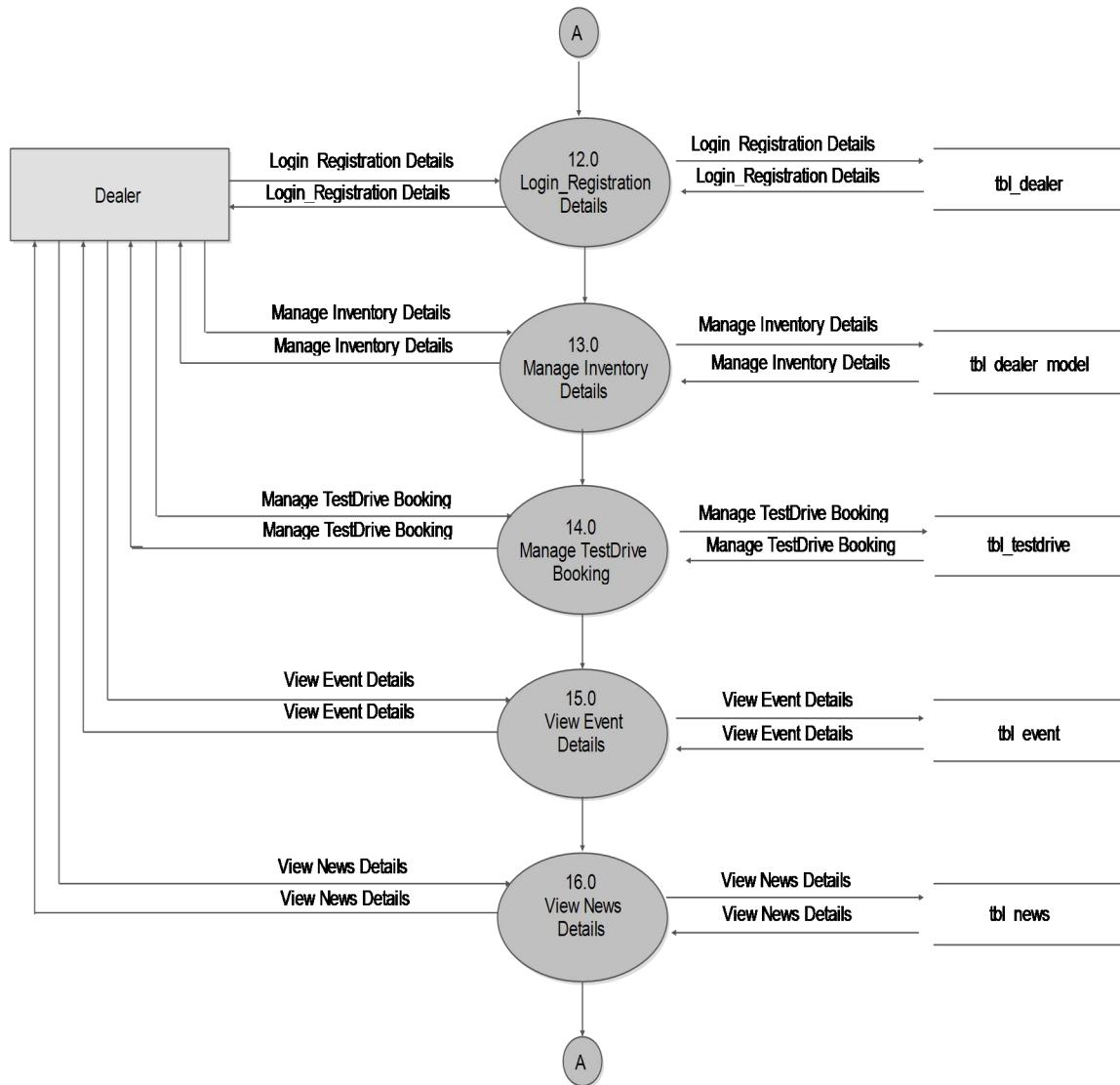


- 1<sup>St</sup> level DFD:

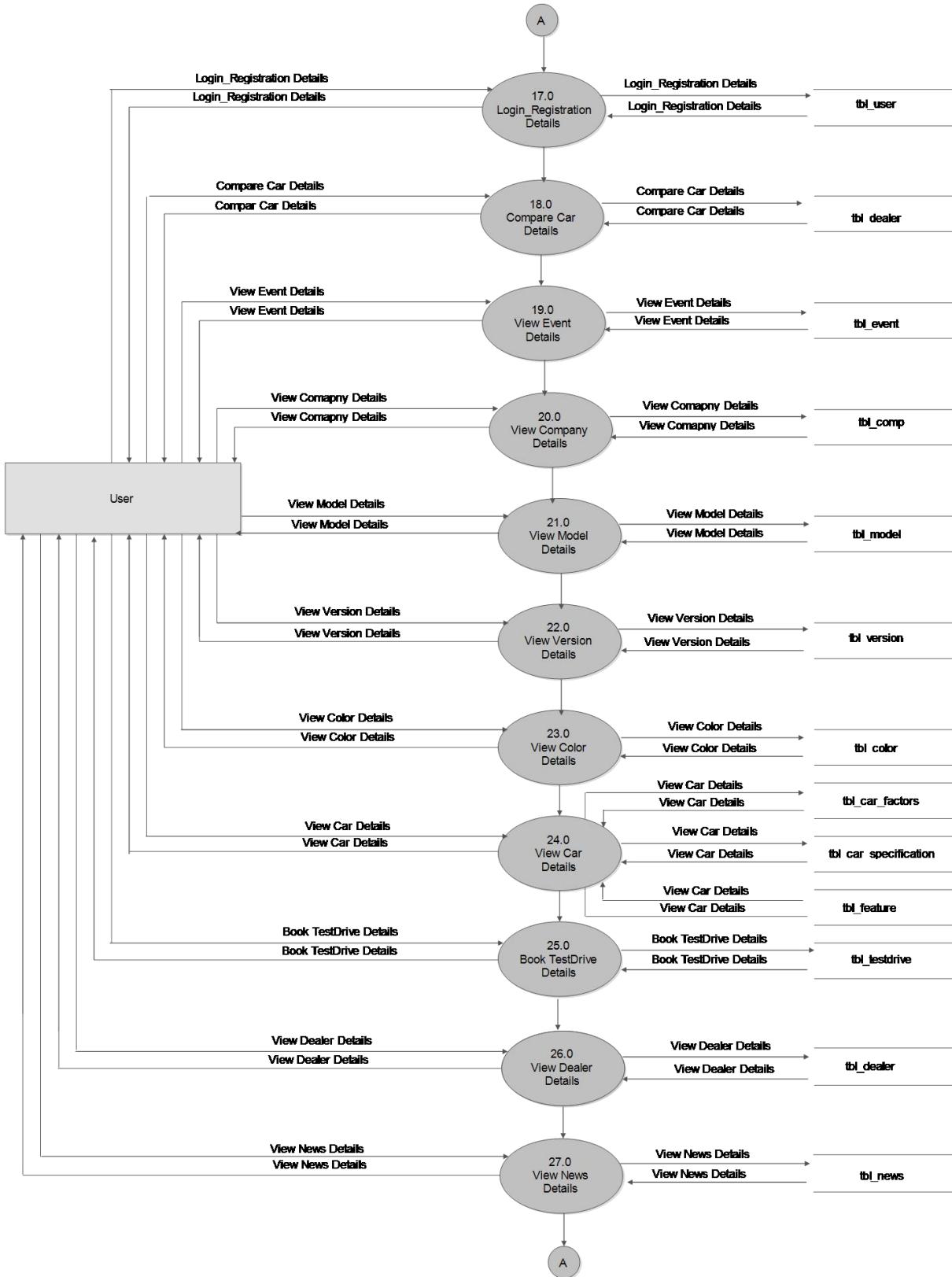
1st Level Of Admin :=



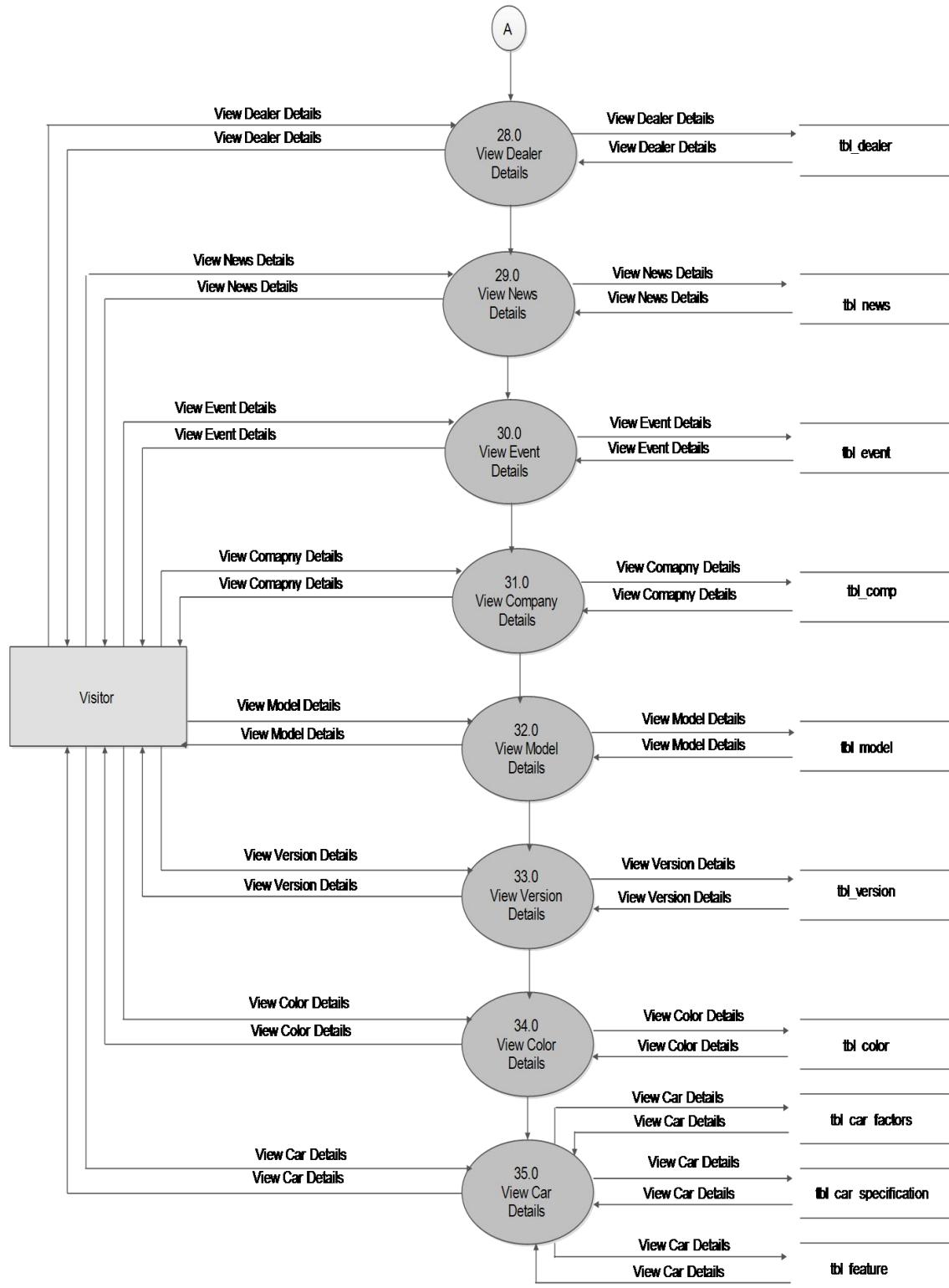
## **1st Level Of Dealer :=**



**1ST Level Of User:=**



**1ST Level Of Visitor:=**

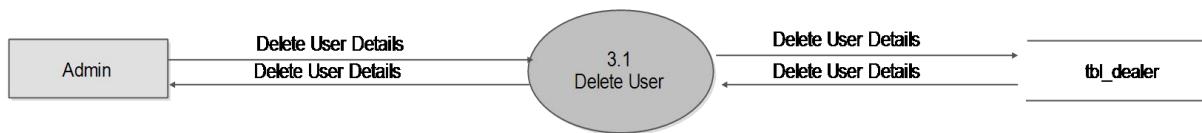


- **2<sup>nd</sup> level DFD:**

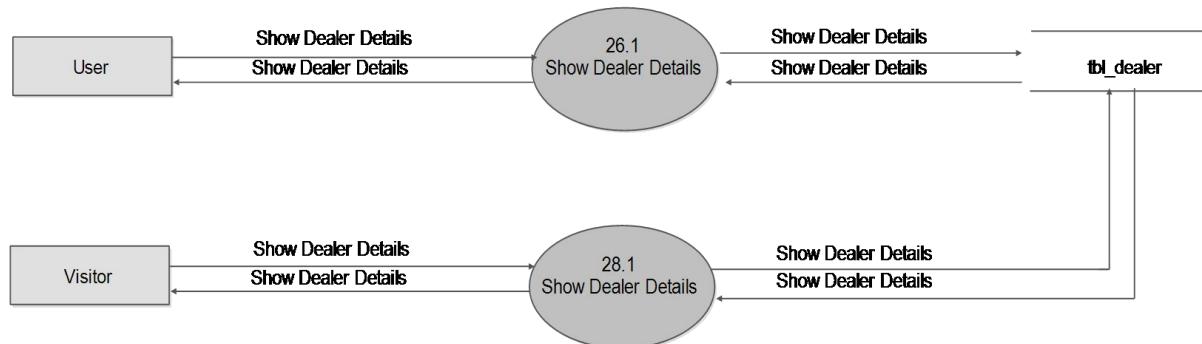
**2nd Level Of AdminSide Manage User :=**



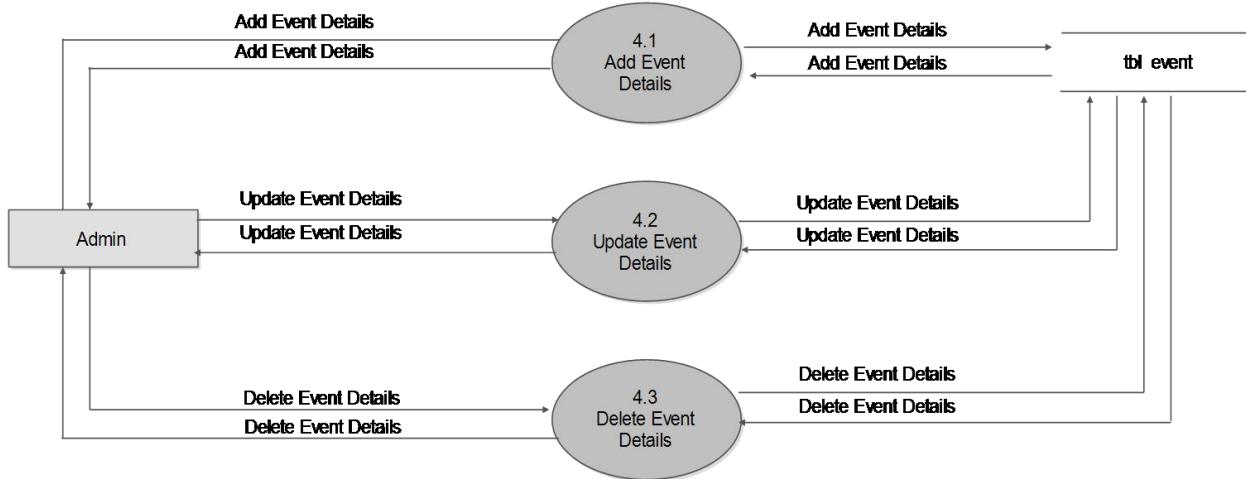
**2nd Level Of AdminSide Manage Dealer :=**



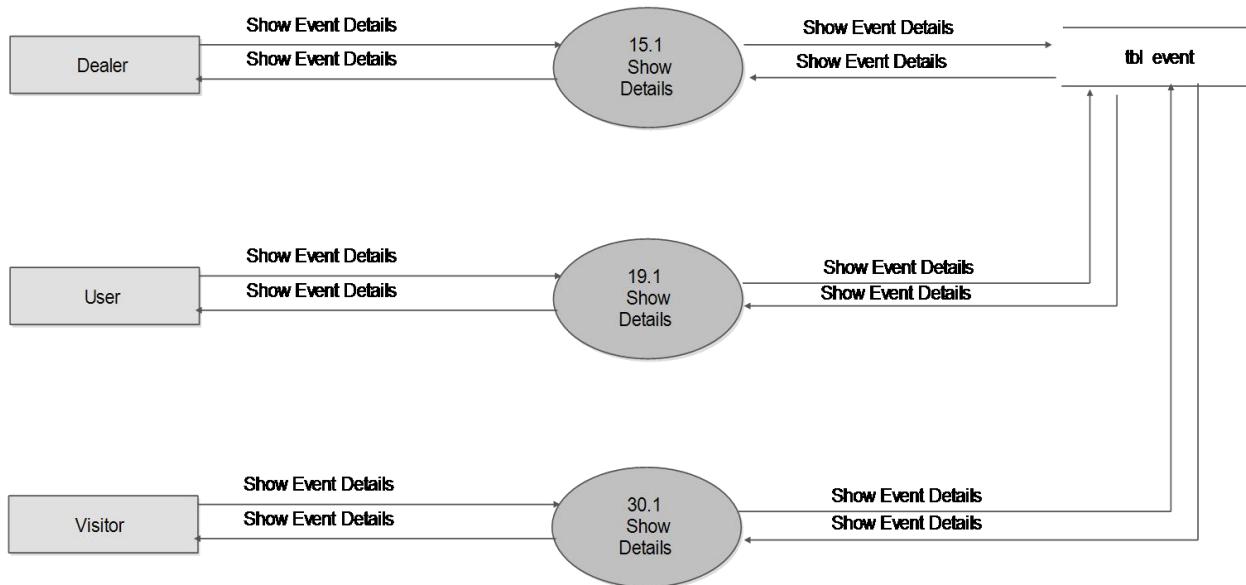
**2nd Level Of UserSide & VisitorSide View Dealer Details :=**



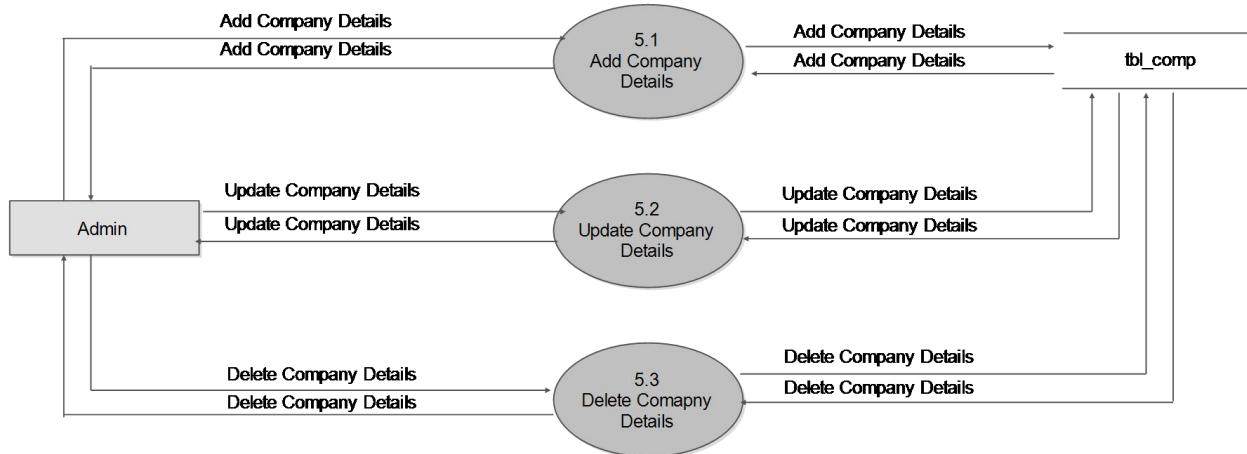
**2nd Level Of AdminSide Manage Event Details :=**



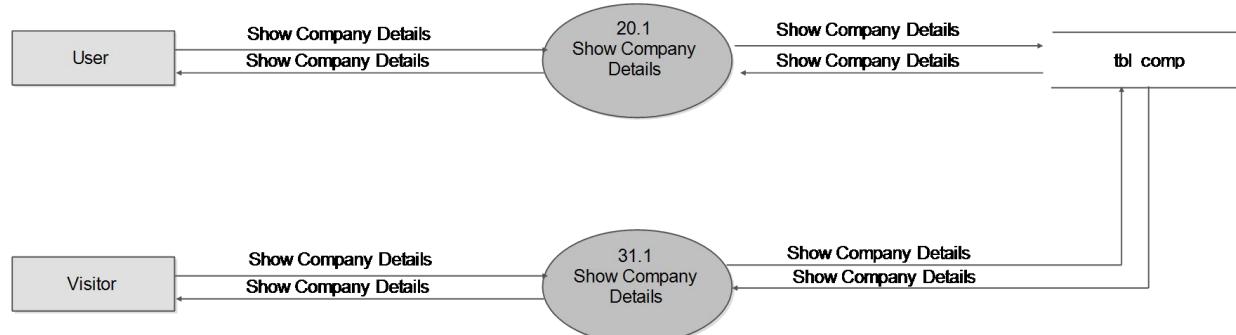
**2nd Level Of DealerSide,UserSide & VisitorSide View Event Details :=**



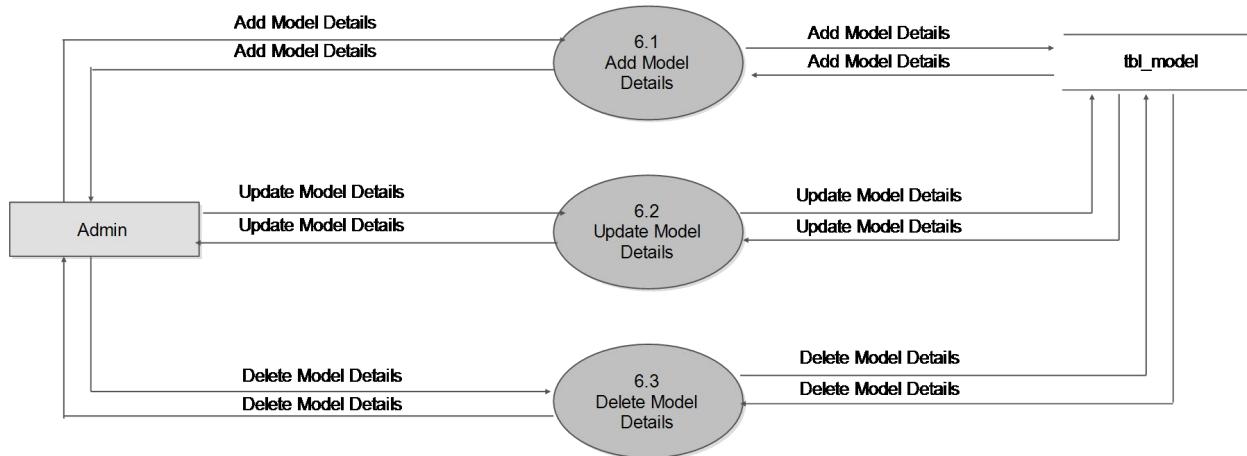
**2nd Level Of AdminSide Manage Company Details :=**



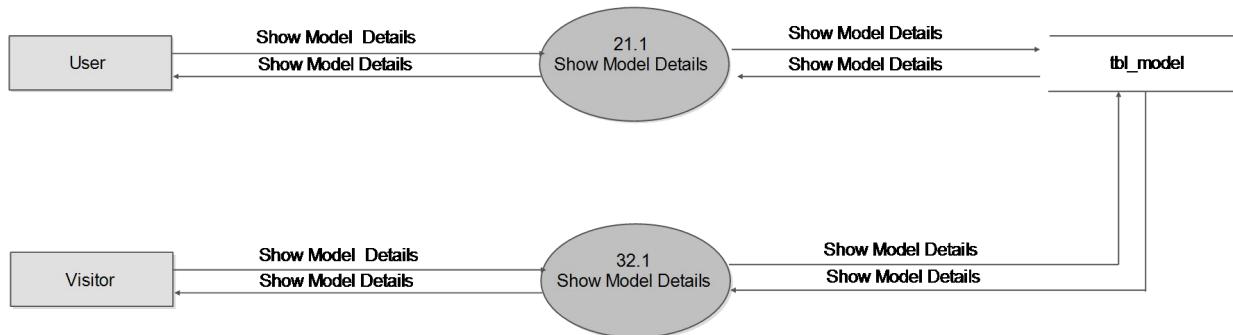
**2nd Level Of UserSide & VisitorSide View Company Details :=**



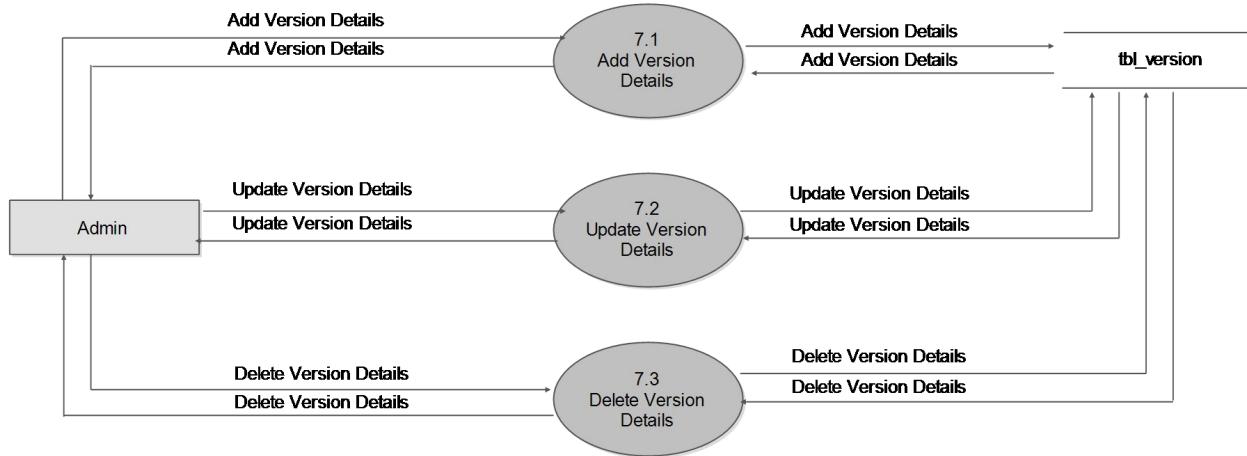
**2nd Level Of AdminSide Manage Model Details :=**



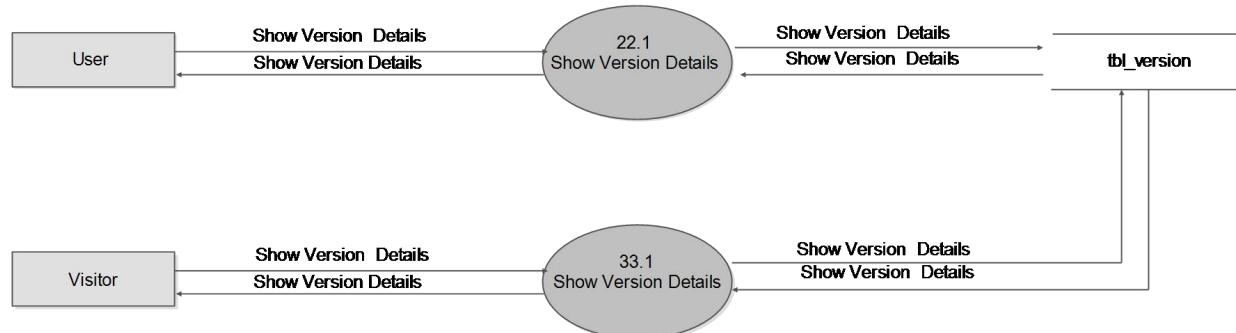
**2nd Level Of UserSide & VisitorSide View Model Details :=**



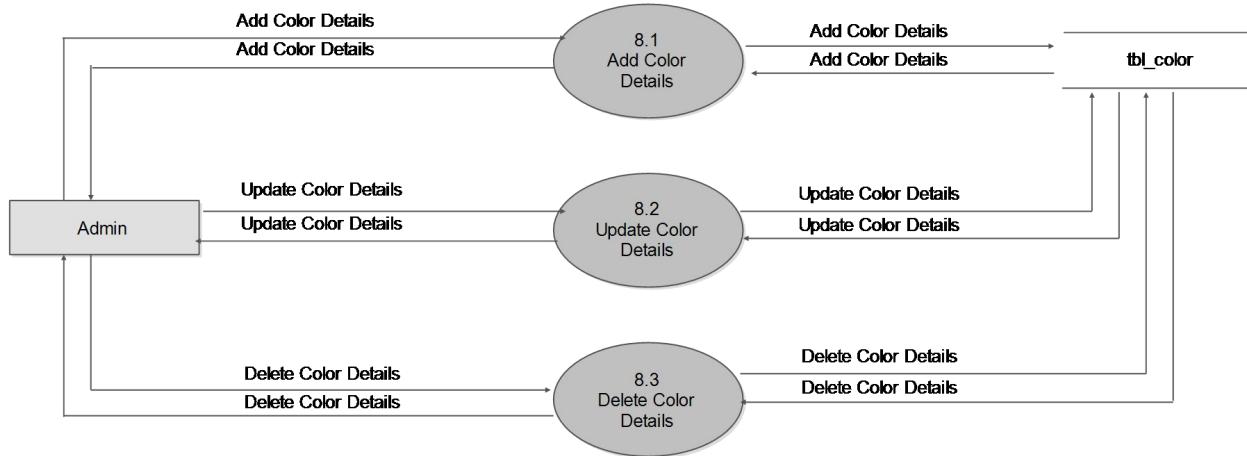
**2nd Level Of AdminSide Manage Version Details :=**



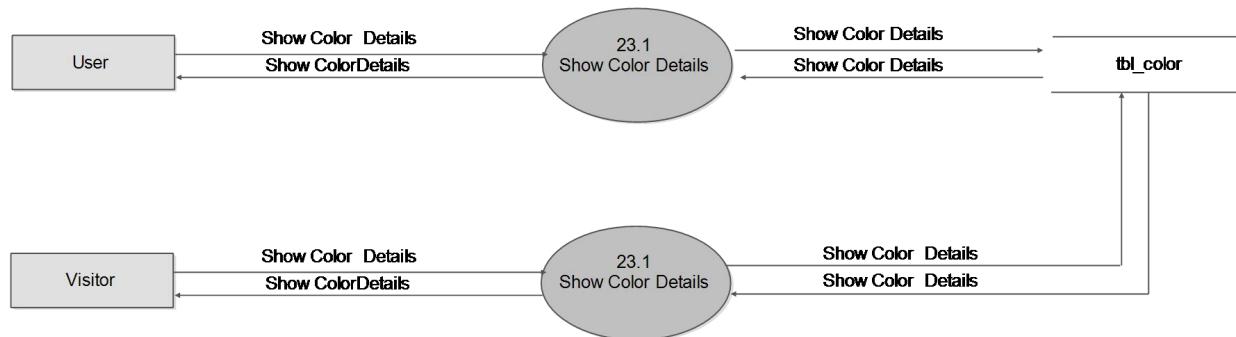
**2nd Level Of UserSide & VisitorSide View Version Details :=**



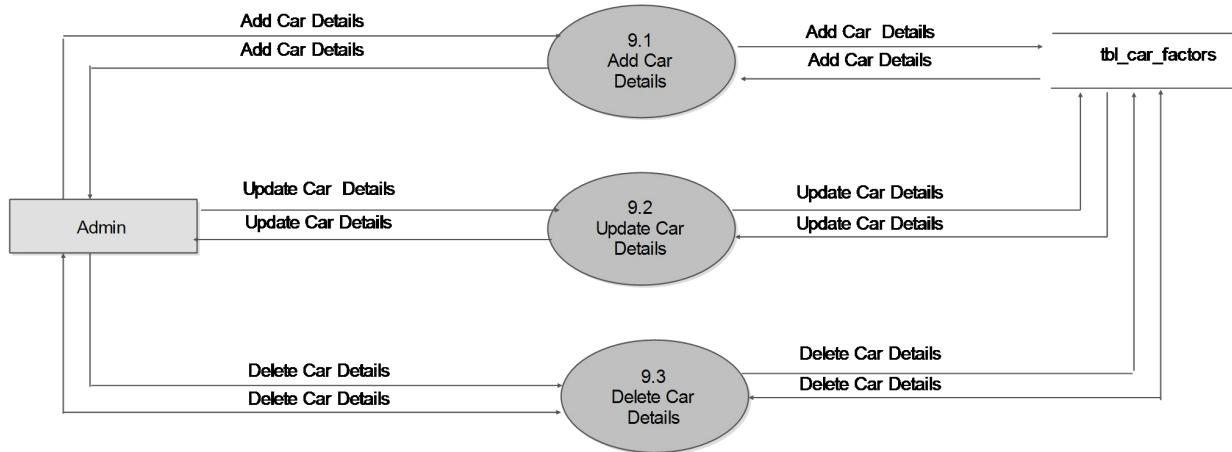
**2nd Level Of AdminSide Manage Color Details :=**



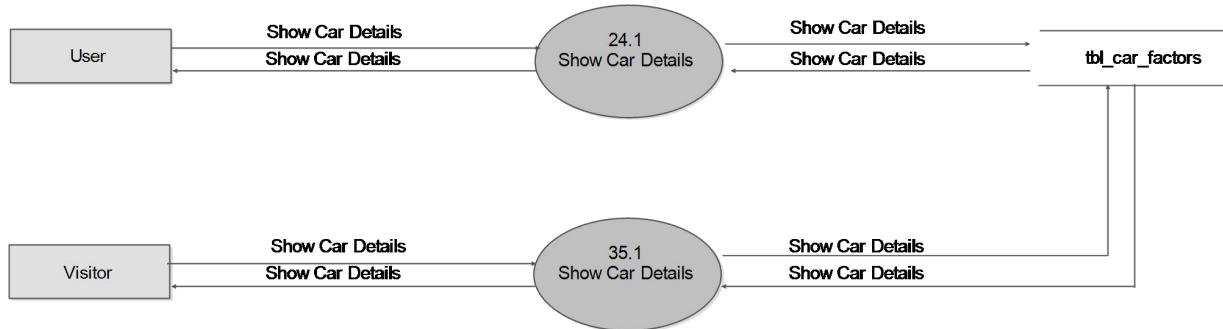
**2nd Level Of UserSide View Color Details :=**



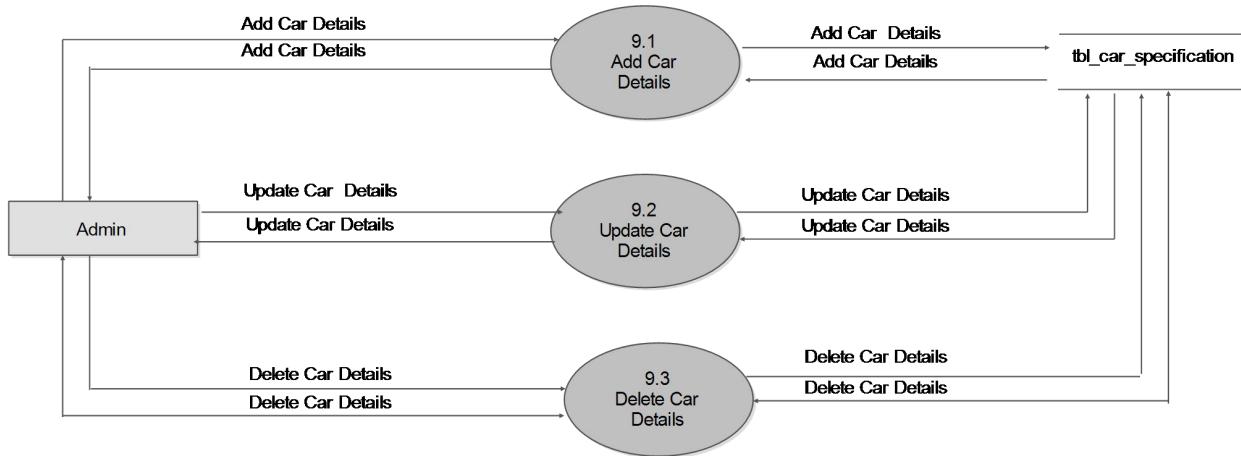
**2nd Level Of AdminSide Manage Car Details :=**



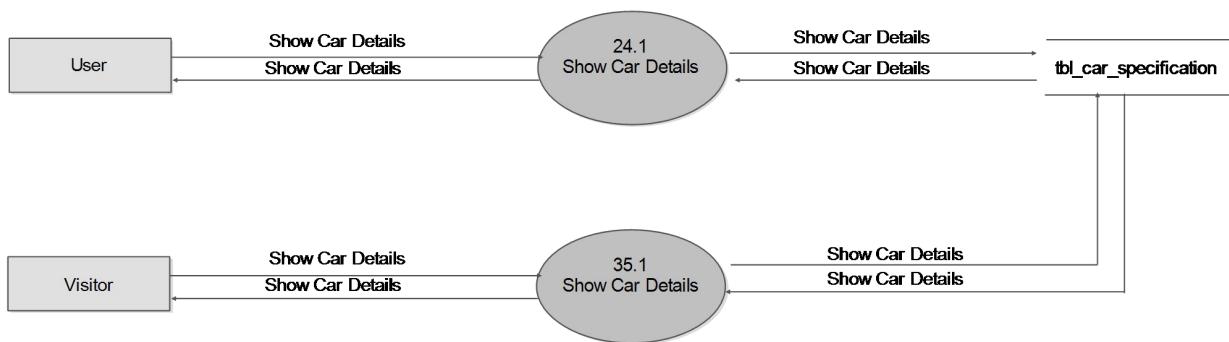
**2nd Level Of UserSide & VisitorSide View Car Details :=**



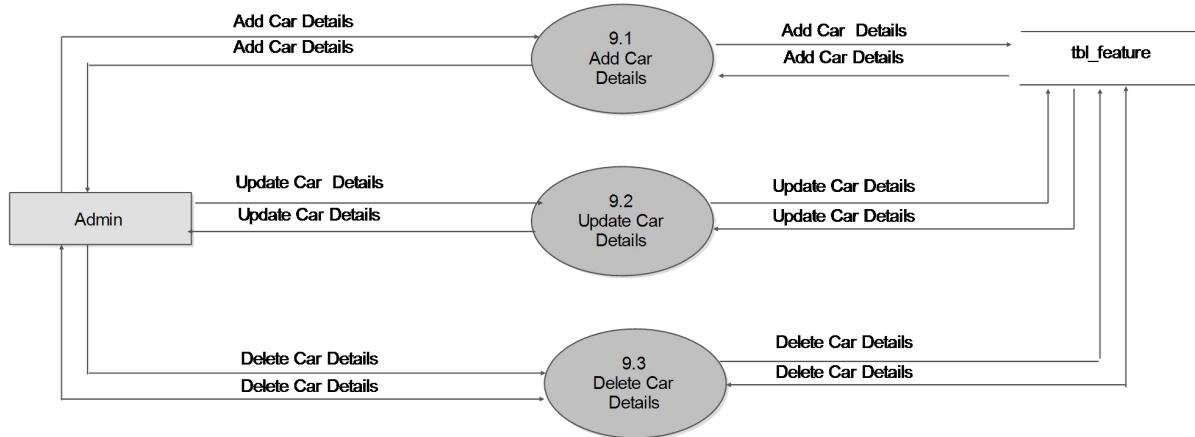
**2nd Level Of AdminSide Manage Car Details :=**



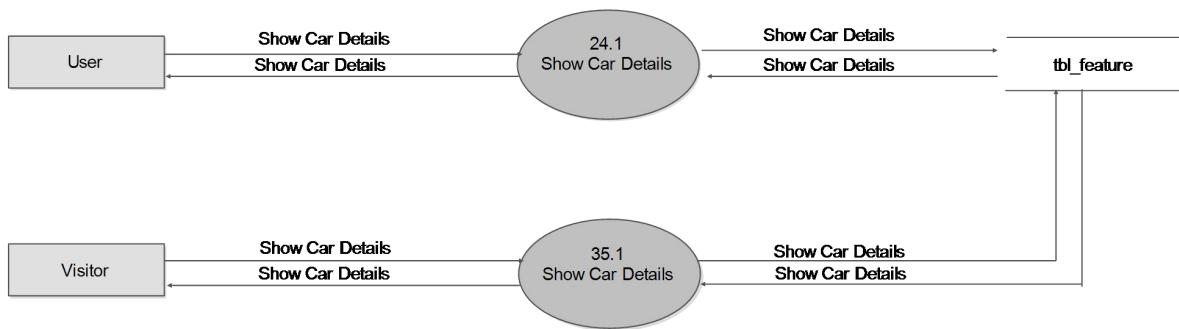
**2nd Level Of UserSide & VisitorSide View Car Details :=**



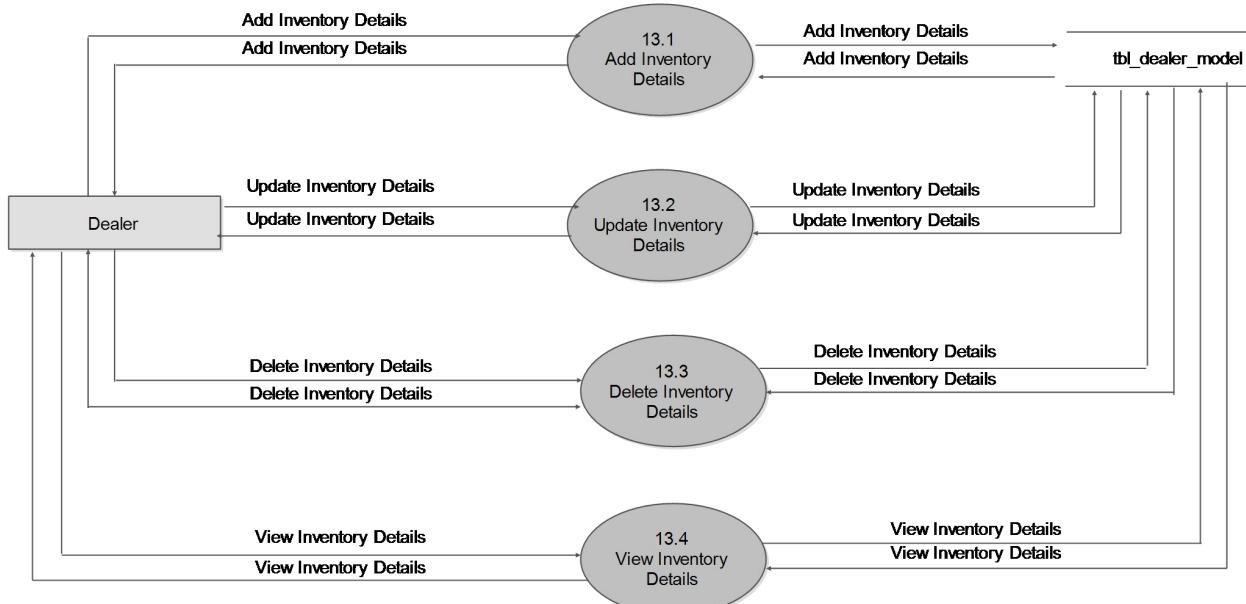
2nd Level Of AdminSide Manage Car Details :=



2nd Level Of UserSide & VisitorSide View Car Details :=



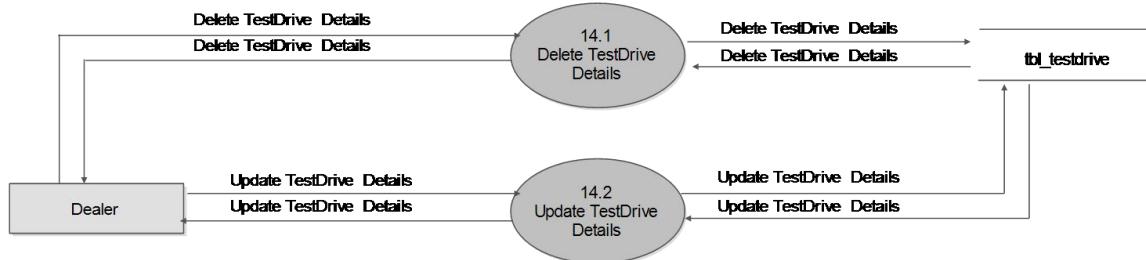
2nd Level Of DealerSide Manage Inventory Details :=



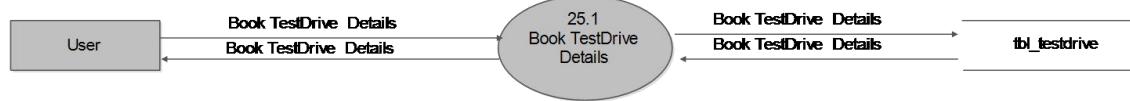
**2nd Level Of AdminSide View TestDrive Details :=**



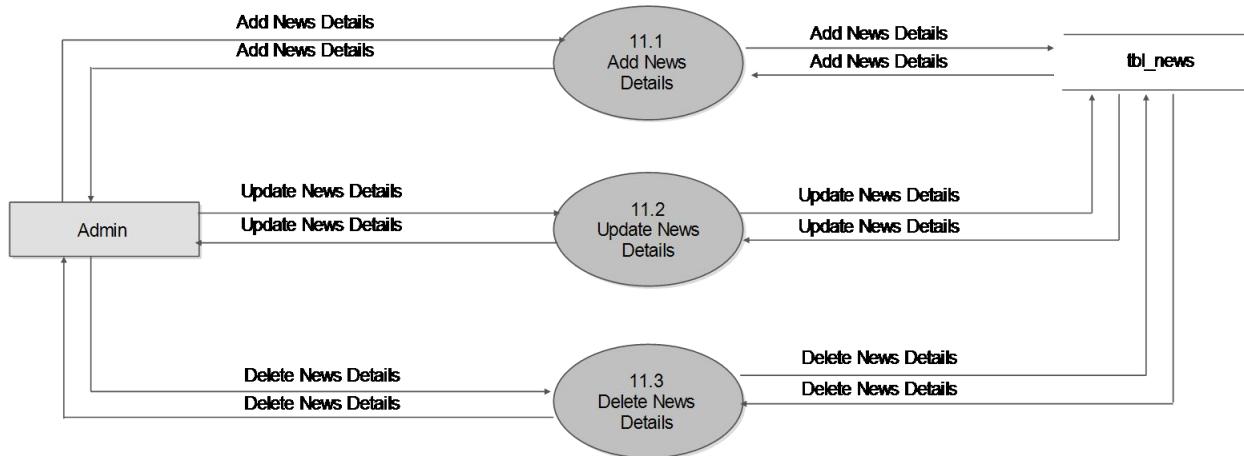
**2nd Level Of DealerSide Manage TestDrive Details :=**



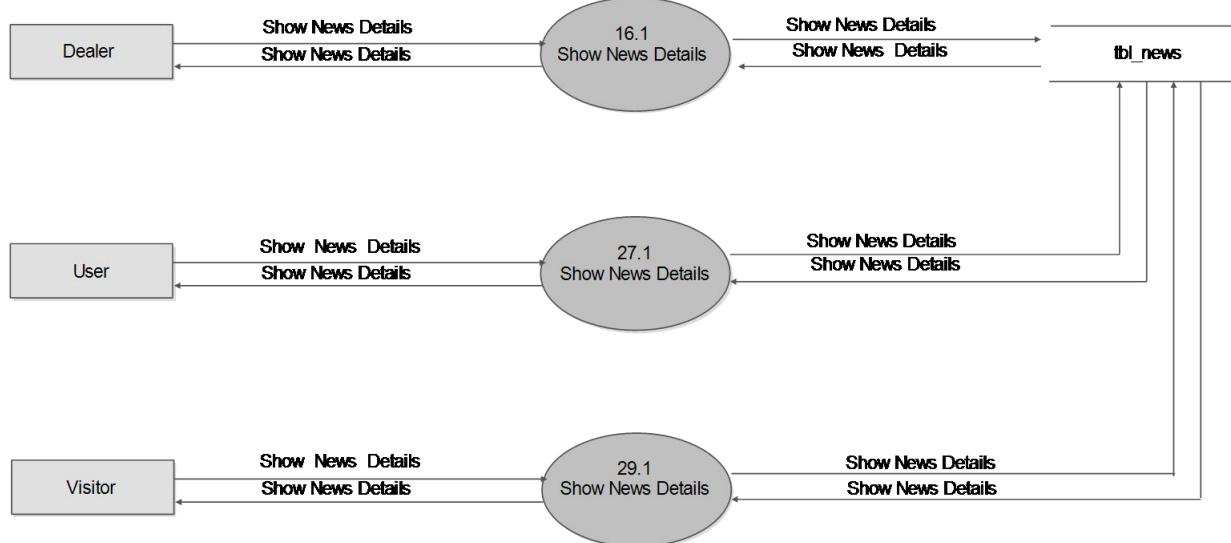
**2nd Level Of UserSide Book TestDrive Details :=**



**2nd Level Of AdminSide Manage News Details :=**

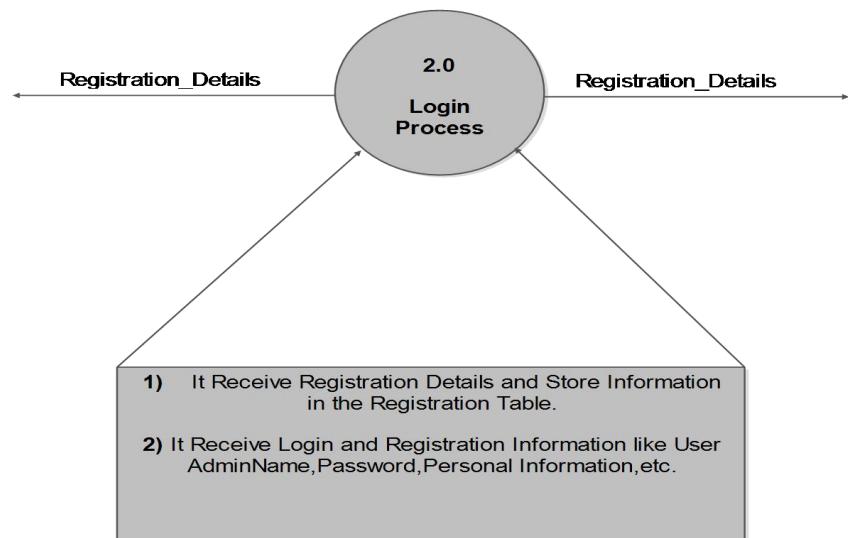
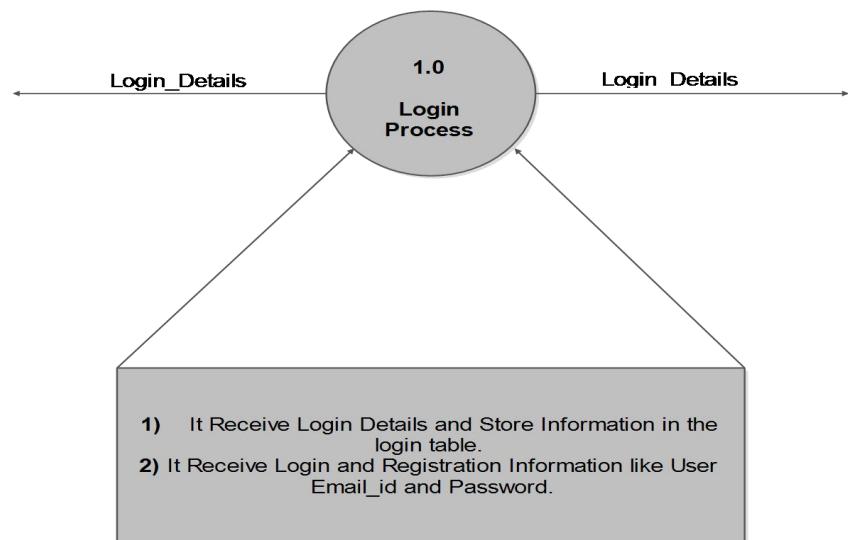


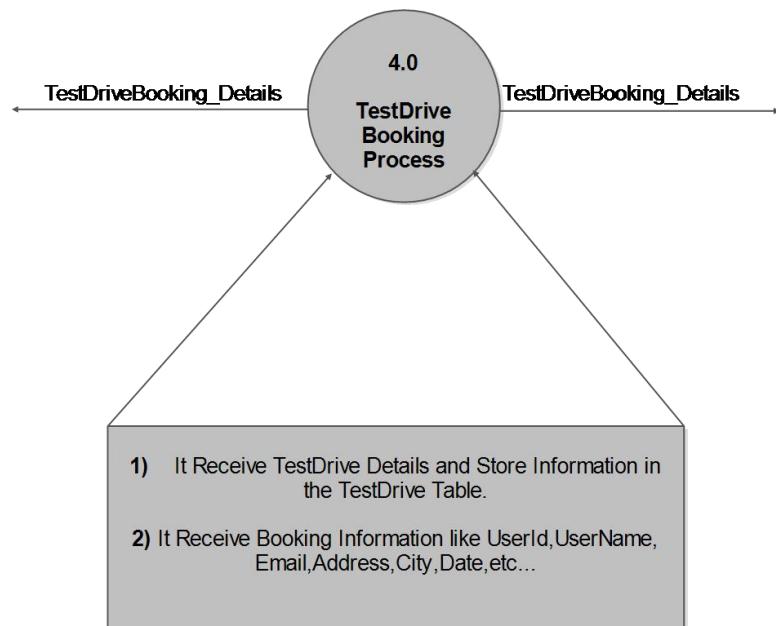
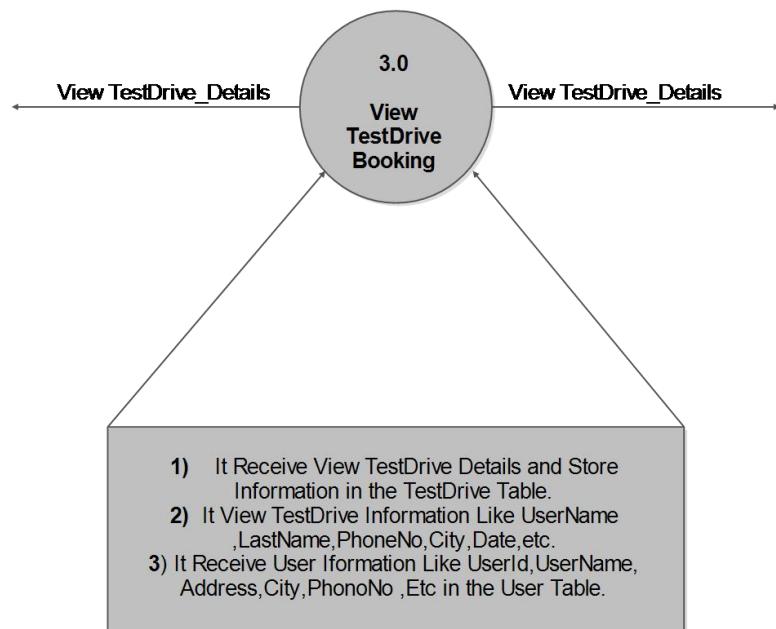
**2nd Level Of DealerSide,UserSide & VisitorSide View News Details :=**



## 4.8 Process Specification

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## 4.9 Data Dictionary

---

### 1. **tbl\_event :**

Name	Event Details
Alias Name	Evntd
Where and How used?	4.0 Manage Event Information(IN/OUT) 4.1 Add Event Information(IN) 4.2 Update Event Information(IN/OUT) 4.3 Delete Event Information(IN/OUT)
Description	It will be describe the Details of the Event like, Eid(Primarykey) ,Date , Event name, Event Address, Website.

**2. tbl\_comp :**

Name	Company Details
Alias Name	Cmpd
Where and How used?	5.0 Manage Company Information(IN/OUT) 5.1 Add Company Information(IN) 5.2 Update Company Information(IN/OUT) 5.3 Delete Company Information(IN/OUT)
Description	It will be describe the Details of the Company like, Compid(Primarykey) , Company name, Company Logo, Status.

### 3. tbl\_model :

Name	Model Details
Alias Name	Mdld
Where and How used?	6.0 Manage Model Information(IN/OUT) 6.1 Add Model Information(IN) 6.2 Update Model Information(IN/OUT) 6.3 Delete Model Information(IN/OUT)
Description	It will be describe the Details of the Model like , Model id(Primarykey) ,CompId(Foreign Key), Model name, Image , Status.

#### 4. tbl\_version :

Name	Version Details
Alias Name	Vrsd
Where and How used?	7.0 Manage Version Information(IN/OUT) 7.1 Add Version Information(IN) 7.2 Update Version Information(IN/OUT) 7.3 Delete Version Information(IN/OUT)
Description	It will be describe the Details of the Version like , Version Id(Primarykey) , Model id (Foreign Key), Version name, Status.

## 5. tbl\_color :

Name	Color Details
Alias Name	Clrd
Where and How used?	8.0 Manage Color Information(IN/OUT) 8.1 Add Color Information(IN) 8.2 Update Color Information(IN/OUT) 8.3 Delete Color Information(IN/OUT)
Description	It will be describe the Details of the Color like , Color Id(Primarykey) , Model id (Foreign Key), Color name, Color , Status.

## 6. tbl\_car\_factor :

Name	Car Details
Alias Name	Crd
Where and How used?	9.0 Manage Car Information(IN/OUT) 9.1 Add Car Information(IN) 9.2 Update Car Information(IN/OUT) 9.3 Delete Car Information(IN/OUT)
Description	It will be describe the Details of the Car like Id(Primarykey) , Model id (Foreign Key), Version Id, Price , Body Type, Year, Fuel, Transmission, No Of Gear.

## 7. tbl\_car\_specification :

Name	Car Details
Alias Name	Crd
Where and How used?	9.0 Manage Car Information(IN/OUT) 9.1 Add Car Information(IN) 9.2 Update Car Information(IN/OUT) 9.3 Delete Car Information(IN/OUT)
Description	It will be describe the Details of the Car like Specification Id(Primarykey) , Model id (Foreign Key), Version Id, Height, Length, Width, WheelBase, Door, Seting Capacity, Fuel Capacity.

## 8. tbl\_feature :

Name	Car Details
Alias Name	Crd
Where and How used?	9.0 Manage Car Information(IN/OUT) 9.1 Add Car Information(IN) 9.2 Update Car Information(IN/OUT) 9.3 Delete Car Information(IN/OUT)
Description	It will be describe the Details of the Feature like Feature Id(Primarykey) , Model id (Foreign Key), Ac, Cd Player, Power Steering Etc .

## 9. tbl\_dealer\_model:

Name	Dealer_Model Details
Alias Name	Dlrm
Where and How used?	13.0 Manage Inventory Information(IN/OUT) 13.1 Add Inventory Information(IN) 13.2 Update Inventory Information(IN/OUT) 13.3 Delete Inventory Information(IN/OUT) 13.4 View Inventory Information
Description	It will be describe the Details of the Dealer_model like , d_m Id(Primarykey) ,Dealer id (Foreign Key), CompId,ModelId.

**10. tbl\_news :**

Name	News Details
Alias Name	Nwsd
Where and How used?	11.0 Manage News Information(IN/OUT) 11.1 Add News Information(IN) 11.2 Update News Information(IN/OUT) 11.3 Delete News Information(IN/OUT)
Description	It will describe the Details of the News like, Nid(Primary Key), News, detail, Date, Photo.

**11. tbl\_testdrive :**

Name	TestDrive Details
Alias Name	Tstdrvd
Where and How used?	11.0 Manage News Information(IN/OUT) 11.1 Add News Information(IN) 11.2 Update News Information(IN/OUT) 11.3 Delete News Information(IN/OUT)
Description	It will be describe the Details of the TestDrive like Testdriveid(Primary Key), UserName, LastName, Phone No, compid, ModelId, city, Date, DealerId .

## 4.10 Table Design

---

# Table Design

### 1. tbl\_admin

aid = Primary Key

Field Name	Data type	Size	Constraint	Description
aid	int	2,0	Primary Key	It Contains Admin Id Of Admin
aname	Varchar(50)	50	Not Null	It Contains Admin Name Of Admin
lname	Varchar(50)	50	Not Null	It Contains Last Name Of Admin
email	Varchar(50)	50	Not Null	It Contains Email Of Admin
address	Varchar(50)	50	Allow Null	It Contains Address Of Admin
contact no	Varchar(50)	50	Allow Null	It Contains Contact No Of Admin
pass	Varchar(50)	50	Not Null	It Contains Password Of Admin
profile_pic	Varchar(50)	50	Allow Null	It Contains Profile Picture Of Admin

### 2. tbl\_car\_factor

id= Primary key

Field Name	Data type	Size	Constraint	Description
id	int	2,0	Primary Key	It Contains Id Of Car
modelid	int	2,0	Not Null	It Contains Model Id Of Car
versionid	int	2,0	Not Null	It Contains Version Id Of Car
price	int	10,0	Not Null	It Contains Price Of Car
body_type	Varchar(50)	50	Allow Null	It Contains Body Type Of Car
year	Varchar(50)	50	NotNull	It Contains Year Of Car
fuel	Varchar(50)	50	NotNull	It Contains Fuel Of Car
transmission	Varchar(50)	50	Not Null	It Contains Transmission Of Car

no_of_gears	int	2,0	Allow Null	It Contains No_Of_Gears Of Car
-------------	-----	-----	------------	--------------------------------

### 3. tbl\_car\_Specification :

specification\_id = Primary key

Field Name	Data type	Size	Constraint	Description
specification_id	int	2,0	Primary Key	It Contains Specification Id Of Car
modelid	int	2,0	Allow Null	It Contains Model Id Of Car
versonid	int	2,0	Allow Null	It Contains Version Id Of Car
height	int	5,0	Allow Null	It Contains Height Of Car
length	int	5,0	Allow Null	It Contains Length Of Car
width	int	5,0	Allow Null	It Contains Width Of Car
wheelbase	int	5,0	Allow Null	It Contains Wheelbase Of Car
door	int	2,0	Allow Null	It Contains Door Of Car
seating_capacity	int	2,0	Allow Null	It Contains Seating Capacity Of Car
fuel_capacity	Nchar(10)	5,0	Allow Null	It Contains Fuel Capacity Of Car

### 4. tbl\_code :

id = Primary Key

Field Name	Data type	Size	Constraint	Description
Id	int	2,0	Primary Key	It Contains Id Of Code
code	int	5,0	NotNull	It Contains Code
userid	int	2,0	Not Null	It Contains User Id Of Code

## tbl\_color :

coloreid = Primary Key

Field Name	Data type	Size	Constraint	Description
colorid	int	2,0	Primary Key	It Contains Color Id Of Car
modelid	int	2,0	Allow Null	It Contains Model Id Of Car
colorname	Varchar(50)	50	NotNull	It Contains Color Name Of Car
color	Varchar(50)	50	NotNull	It Contains Color Of Car
status	Int	5,0	Allow Null	It Contains Status Of Car

## 5. tbl\_comp :

compid = Primary Key

Field Name	Data type	Size	Constraint	Description
compid	int	2,0	Primary Key	It Contains CompId Of Company
compname	Varchar(50)	50	NotNull	It Contains Company Name Of Company
complogo	Varchar(50)	50	AllowNull	It Contains Company Logo Of Company
status	int	2,0	NotNull	It Contains Status Of Company

## 6. tbl\_dealer :

dealerid = Primary Key

Field Name	Data type	Size	Constraint	Description
dealerid	int	2,0	Primary Key	It Contains Dealer Id Of Dealer
fname	Varchar(50)	50	Allow Null	It Contains First Name Of Dealer
lname	Varchar(50)	50	Allow Null	It Contains Last Name Of Dealer
dealername	Varchar(50)	50	NotNull	It Contains Dealer Name Of Dealer
email	Varchar(50)	50	Allow Null	It Contains Email Of Dealer
phono	Varchar(50)	50	Not Null	It Contains Phone No Of Dealer
address	Varchar(50)	50	NotNull	It Contains Address Of Dealer
password	Varchar(50)	50	Not Null	It Contains Password Of Dealer
confpass	Varchar(50)	50	Not Null	It Contains Confirm Password Of Dealer
image	Varchar(50)	50	Not Null	It Contains Image Of Dealer

## 7. tbl\_dealer\_comment :

comid = Primary Key

Field Name	Data type	Size	Constraint	Description
comid	int	2,0	Primary Key	It Contains Comment Id Of Dealer_Comment
dealerid	int	2,0	NotNull	It Contains Dealer Id Of Dealer_Comment
comment	Varchar(50)	50	NotNull	It Contains Comment Of Dealer_Comment
date	DateTime	-	AllowNull	It Contains Date Of Dealer_Comment

## 8. `tbl_dealer_model` :

`d_mid` = Primary Key

Field Name	Data type	Size	Constraint	Description
<code>d_mid</code>	int	2,0	Primary Key	It Contains Dealer _Model Id Of Dealer_Model
<code>dealerid</code>	int	2,0	NotNull	It Contains Dealer Id Of Dealer_Model
<code>compid</code>	int	2,0	NotNull	It Contains Company Id Of Dealer_Model
<code>modelid</code>	int	2,0	NotNull	It Contains Model Id Of Dealer_Model

## 9. `tbl_event` :

`eid` = Primary Key

Field Name	Data type	Size	Constraint	Description
<code>eid</code>	int	2,0	Primary Key	It Contains Event Id Of Event
<code>date</code>	Varchar(50)	50	NotNull	It Contains Date Of Event
<code>ename</code>	Varchar(50)	50	NotNull	It Contains Event Name Of Event
<code>eadd</code>	Varchar(50)	50	NotNull	It Contains Event Address Of Event
<code>website</code>	Varchar(50)	50	AllowNull	It Contains Website Of Event

## 10. tbl\_feature :

featureid = Primary Key

Field Name	Data type	Size	Constraint	Description
featureid	int	2,0	Primary Key	It Contains Feature Id Of Car Feature
modelid	Int	2,0	NotNull	It Contains Modelid Of Car Feature
versionid	int	2,0	NotNull	It Contains Versionid Of Car Feature
ac	nvarchar(5)	5,0	NotNull	It Contains AC Of Car Feature
climate_control	nvarchar(5)	5,0	Allow Null	It Contains Climate_Control Of Car Feature
cd_player	nvarchar(5)	5,0	NotNull	It Contains Cd_Player Of Car Feature
power_steering	nvarchar(5)	5,0	Not Null	It Contains Power_Steering Of Car Feature
power_window	nvarchar(5)	5,0	NotNull	It Contains Power_Window Of Car Feature
central_locking	nvarchar(5)	5,0	Not Null	It Contains Central_Locking Of Car Feature
steering_adjustment	nvarchar(5)	5,0	NotNull	It Contains Steering_Adjustment Of Car Feature
electrically_adjustable_driver_seat	nvarchar(5)	5,0	NotNull	It Contains Electrically_Adjustable_Driver_Seat Of Car Feature
steering_mounted_controls	nvarchar(5)	5,0	Not Null	It Contains Steering_Mounted_Controls Of Car Feature
rear_ac_vent	nvarchar(5)	5,0	NotNull	It Contains Rear_Ac_Vent Of Car Feature
remote_controlled_boot	nvarchar(5)	5,0	Not Null	It Contains Remote_Controlled_Boot Of Car Feature
rear_wiper	nvarchar(5)	5,0	NotNull	It Contains Rear_Wiper Of Car Feature
leather_seatselectrically_Adjustable_mirrors	nvarchar(5)	5,0	NotNull	It Contains Leather_Seatselectrically_Adjustable_Mirrors

Mirrors Of Car Feature				
anti_lock_braking_system	nvarchar(5)	5,0	NotNull	It Contains Anti_Lock_Braking_System Of Car Feature
airbag	nvarchar(5)	5,0	NotNull	It Contains Airbag Of Car Feature
parking_sensors	nvarchar(5)	5,0	NotNull	It Contains Parking_Sensors Of Car Feature
traction_control	nvarchar(5)	5,0	NotNull	It Contains Traction_Control Of Car Feature

## 11. **tbl\_gallery :**

galleryid = Primary Key

Field Name	Data type	Size	Constraint	Description
galleryid	int	2,0	Primary Key	It Contains Gallery Id Of Gallery
modelid	int	2,0	NotNull	It Contains Model Id Of Gallery
image	Varchar(50)	50	AllowNull	It Contains Image Of Gallery
status	int	2,0	NotNull	It Contains Status Of Gallery

## 12. **tbl\_model :**

modelid = Primary Key

Field Name	Data type	Size	Constraint	Description
modelid	int	2,0	Primary Key	It Contains Model Id Of Model
compid	int	2,0	AllowNull	It Contains Company Id Of Model
modelname	Varchar(50)	50	AllowNull	It Contains Model Name Of Model
image	Varchar(50)	50	AllowNull	It Contains Image Of Model
status	int	2,0	AllowNull	It Contains Status Of Model

### 13. **tbl\_msg :**

msgid = Primary Key

Field Name	Data type	Size	Constraint	Description
msgid	int	2,0	Primary Key	It Contains Message Id Of Message
fullname	Varchar(50)	50	NotNull	It Contains Full Name Of Message
pno	Varchar(50)	50	NotNull	It Contains Phone No Of Message
email	Varchar(50)	50	NotNull	It Contains Email Of Message
msg	Varchar(50)	50	NotNull	It Contains Message

### 14. **tbl\_news :**

nid = Primary Key

Field Name	Data type	Size	Constraint	Description
nid	int	2,0	Primary Key	It Contains News Id Of News
news	Varchar(50)	50	NotNull	It Contains News
detail	Varchar(50)	50	NotNull	It Contains Details Of News
date	Varchar(50)	50	NotNull	It Contains Date Of News
photo	Varchar(50)	50	NotNull	It Contains Photo Of News

## 15. tbl\_testdrive :

testdrive\_id = Primary Key

Field Name	Data type	Size	Constraint	Description
testdrive_id	int	2,0	Primary Key	It Contains TestDrive Id Of TestDrive
user_name	Varchar(50)	50	Allow Null	It Contains User Name Of TestDrive
last_name	Varchar(50)	50	Allow Null	It Contains Last Name Of TestDrive
phoneno	Varchar(50)	50	Allow Null	It Contains Phone No Of TestDrive
compid	int	2,0	Not Null	It Contains Company Id Of TestDrive
modelid	int	2,0	Not Null	It Contains Model Id Of TestDrive
city	Varchar(50)	50	NotNull	It Contains City Of TestDrive
date	Varchar(50)	50	Not Null	It Contains Date Of TestDrive
dealerid	int	2,0	Not Null	It Contains Dealer Id Of TestDrive

## 16. tbl\_user :

userid = Primary Key

Field Name	Data type	Size	Constraint	Description
userid	int	2,0	Primary Key	It Contains TestDrive Id Of User
name	Varchar(50)	50	Allow Null	It Contains User Name Of User
lname	Varchar(50)	50	Allow Null	It Contains Last Name Of User
phoneno	Varchar(50)	50	Not Null	It Contains Phone No Of User
city	Varchar(50)	50	Allow Null	It Contains Company Id Of User
email	Varchar(50)	50	Allow Null	It Contains Model Id Of User
password	Varchar(50)	50	NotNull	It Contains City Of User

## 17. tbl\_version :

versionid = Primary Key

Field Name	Data type	Size	Constraint	Description
versionid	int	2,0	Primary Key	It Contains Version Id Of Version
modelid	int	2,0	NotNull	It Contains Model Id Of Version
versionname	Varchar(50)	50	NotNull	It Contains Version Name Of Version
status	int	2,0	NotNull	It Contains Status Of Version

## 18. tbl\_video:

id = Primary Key

Field Name	Data type	Size	Constraint	Description
id	int	2,0	Primary Key	It Contains Id Of Video
news	Varchar(50)	50	NotNull	It Contains News Of Video
video	Varchar(50)	50	NotNull	It Contains Video
status	int	2,0	NotNull	It Contains Status Of Video

## 19. tbl\_just\_launched:

Id = Primary Key

Field Name	Data type	Size	Constraint	Description
id	int	2,0	Primary Key	It Contains Id Of Just Launched Car
comp	Varchar(50)	50	Not Null	It Contains Company Of Just Launched Car
model	Varchar(50)	50	Not Null	It Contains Model Of Just Launched Car
price	int	10,0	Not Null	It Contains Price Of Just Launched Car
launched_date	Varchar(50)	50	NotNull	It Contains Launched Date Of Just Launched Car
photo	Varchar(50)	50	NotNull	It Contains Photo Of Just Launched Car
status	int	2,0	NotNull	It Contains Status Of Just Launched Car

## 20. Tbl\_popular:

Id = Primary Key

Field Name	Data type	Size	Constraint	Description
id	int	2,0	Primary Key	It Contains Id Of Popular Car
comp	Varchar(50)	50	Not Null	It Contains Company Of Popular Car
model	Varchar(50)	50	Not Null	It Contains Model Of Popular Car
price	int	10,0	Not Null	It Contains Price Of Popular Car
fuel	Varchar(50)	50	NotNull	It Contains Fuel Of Popular Car
photo	Varchar(50)	50	NotNull	It Contains Photo Of Popular Car
status	int	2,0	NotNull	It Contains Status Of Popular Car

## 21. Tbl\_upcoming:=

Id = Primary Key

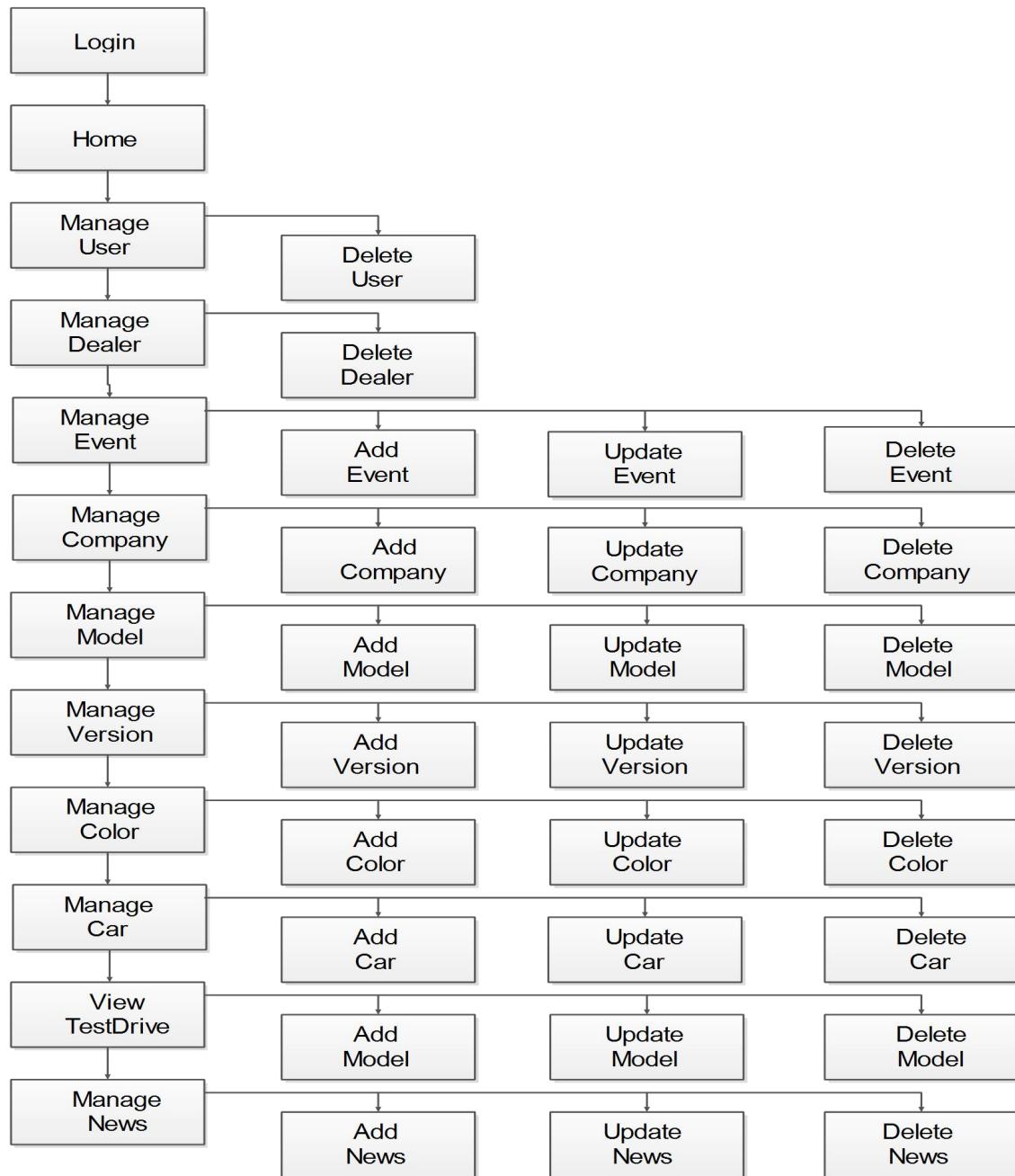
Field Name	Data type	Size	Constraint	Description
id	int	2,0	Primary Key	It Contains Id Of Upcoming Car
comp	Varchar(50)	50	Not Null	It Contains Company Of Upcoming Car
model	Varchar(50)	50	Not Null	It Contains Model Of Upcoming Car
expected_price	int	10,0	Not Null	It Contains Price Of Upcoming Car
expected_date	Varchar(50)	50	NotNull	It Contains Date Of Upcoming Car
photo	Varchar(50)	50	NotNull	It Contains Photo Of Upcoming Car
status	int	2,0	NotNull	It Contains Status Of Upcoming Car

## 5. Design Report

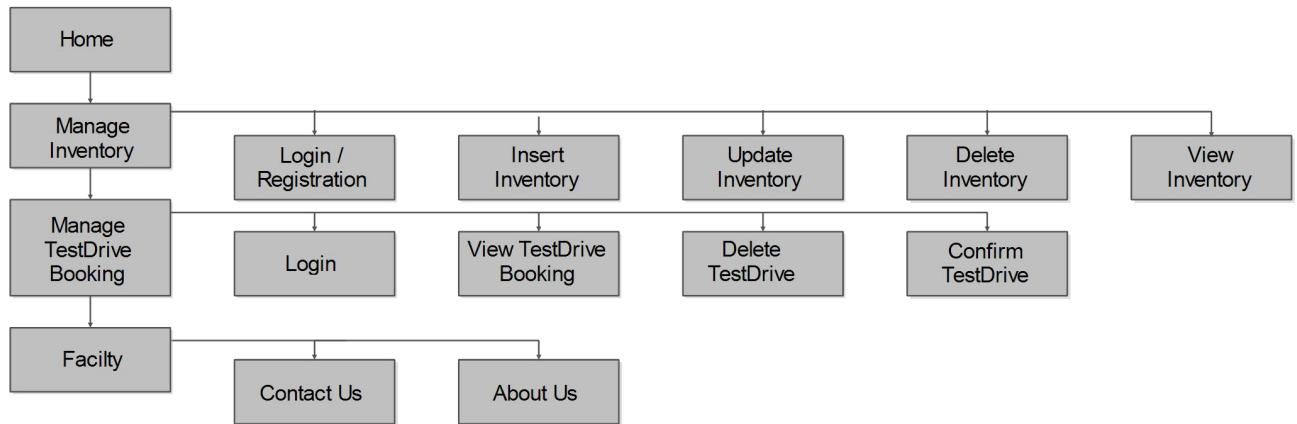
---

### 5.1 Site Diagram/Program Flow Diagram(map)

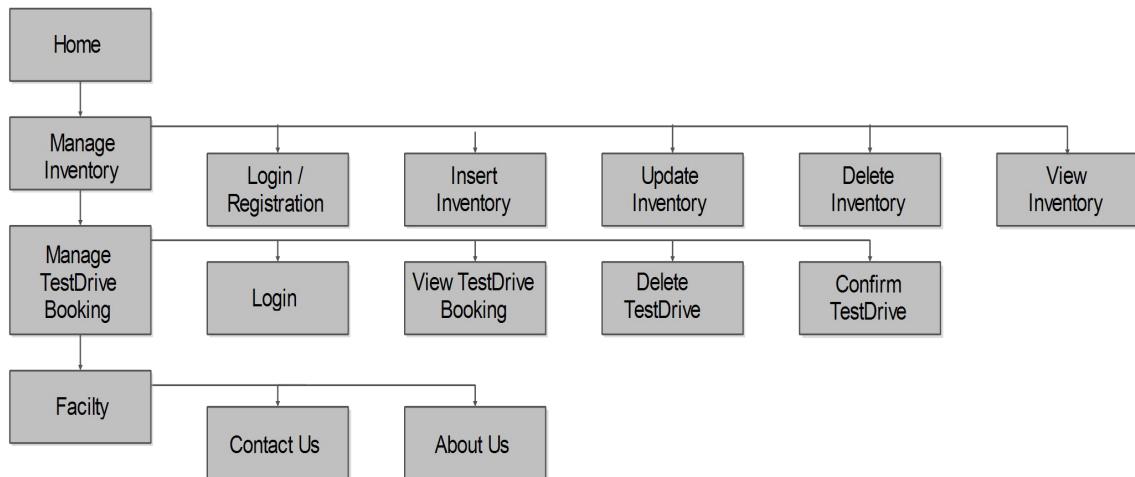
✓ Flow of Project (Admin)



✓ Flow of Project (Dealer)



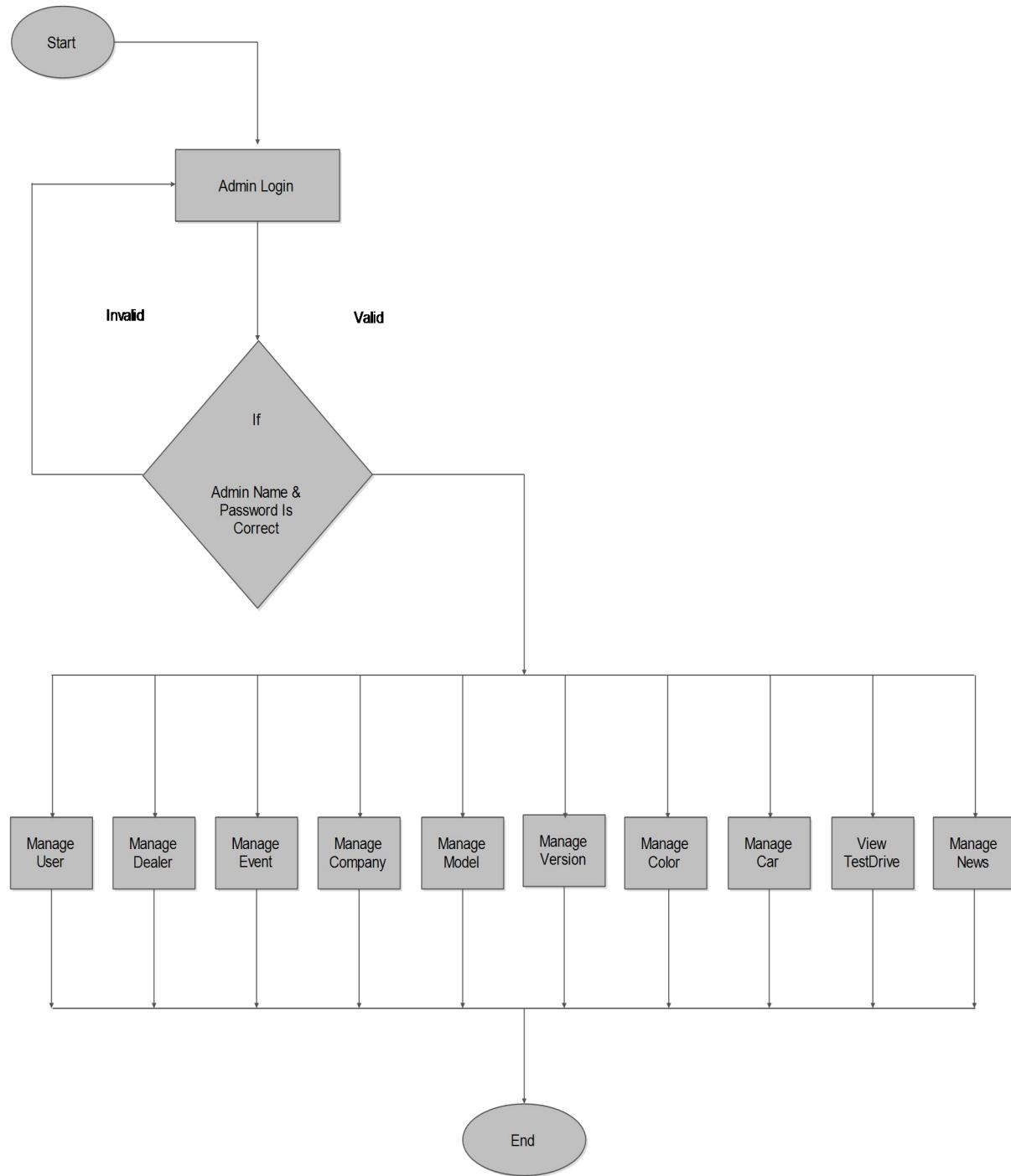
✓ Flow of Project (User)



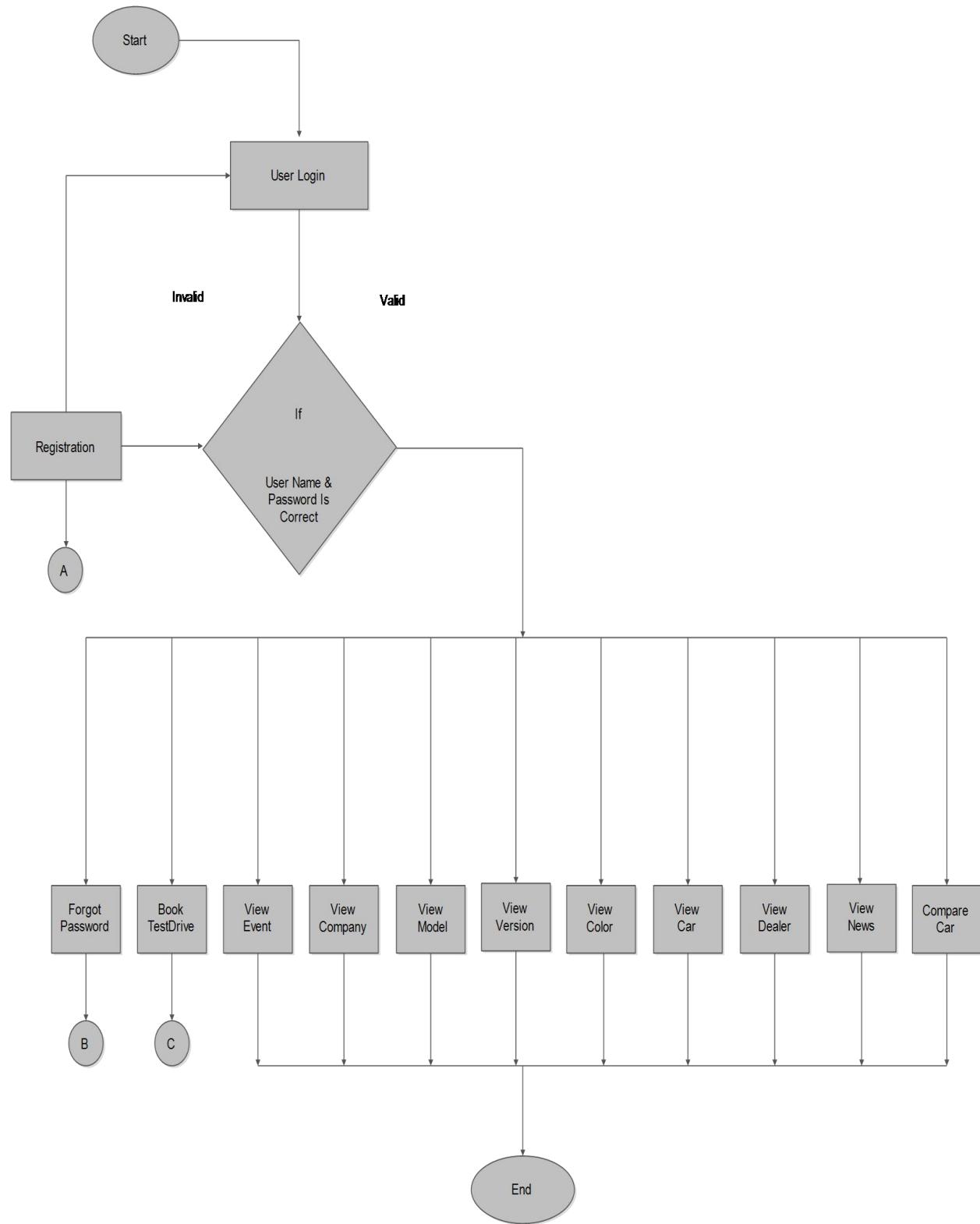
## 5.2 Flow-Chart

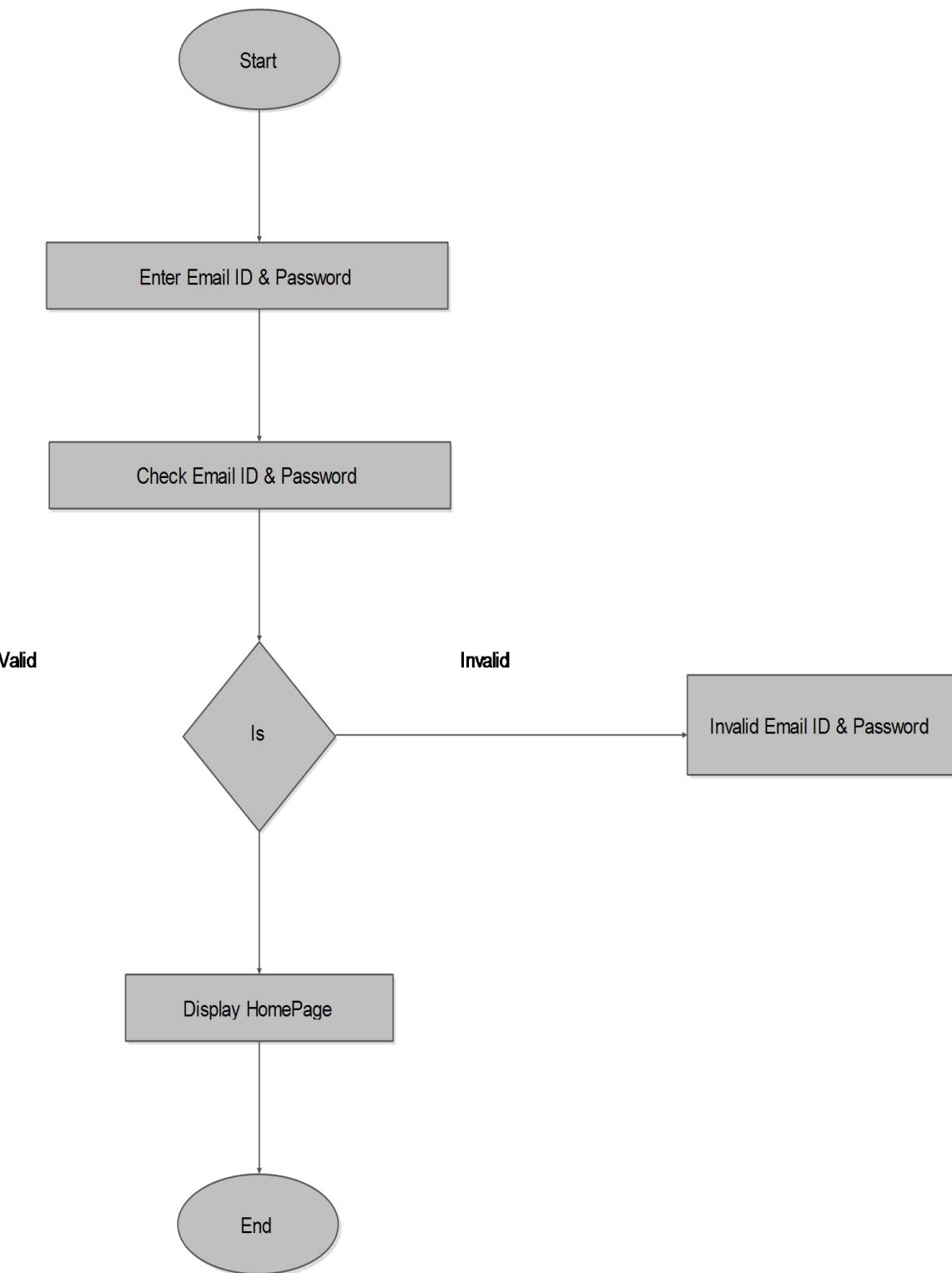
---

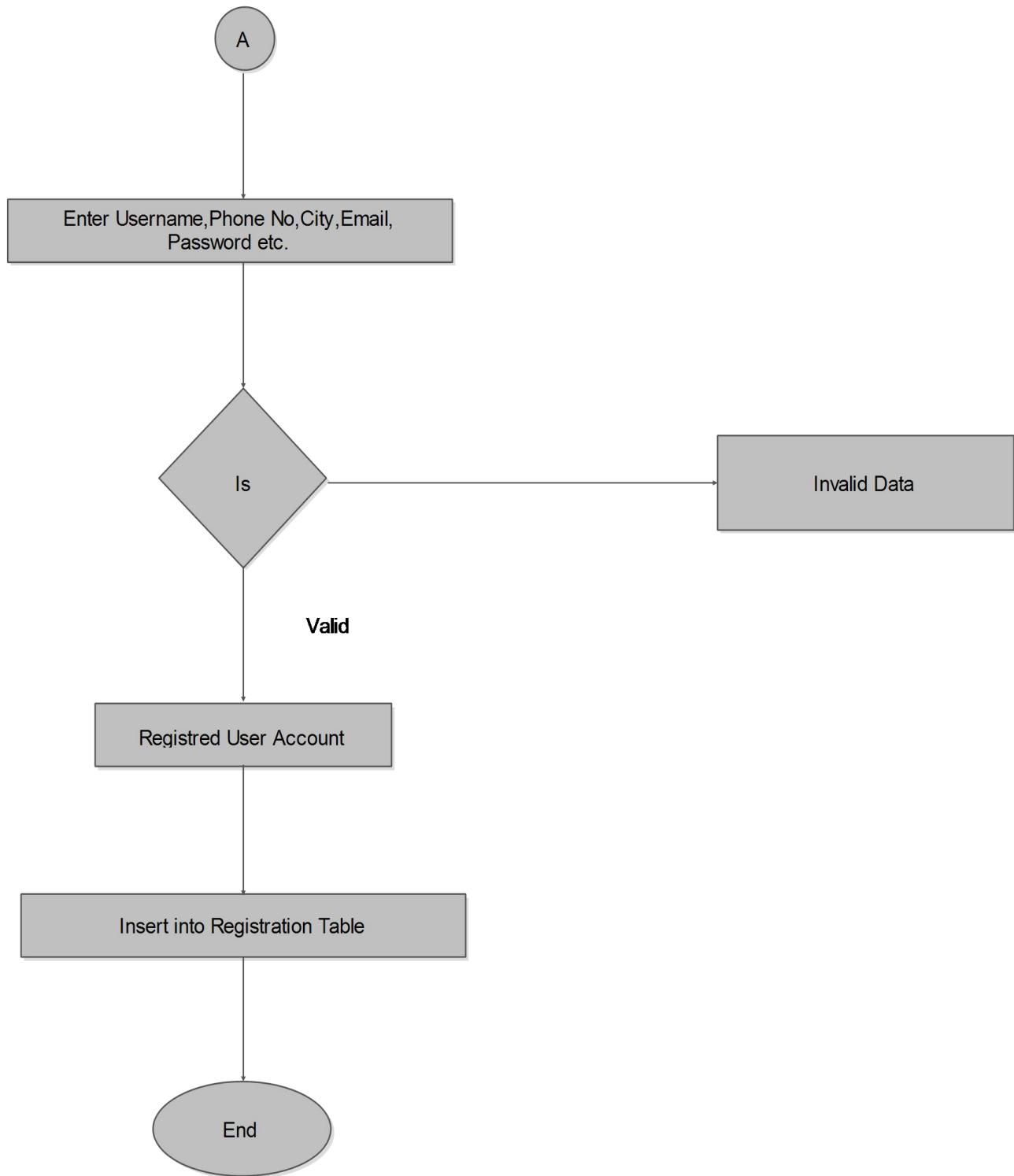
**Admin:**

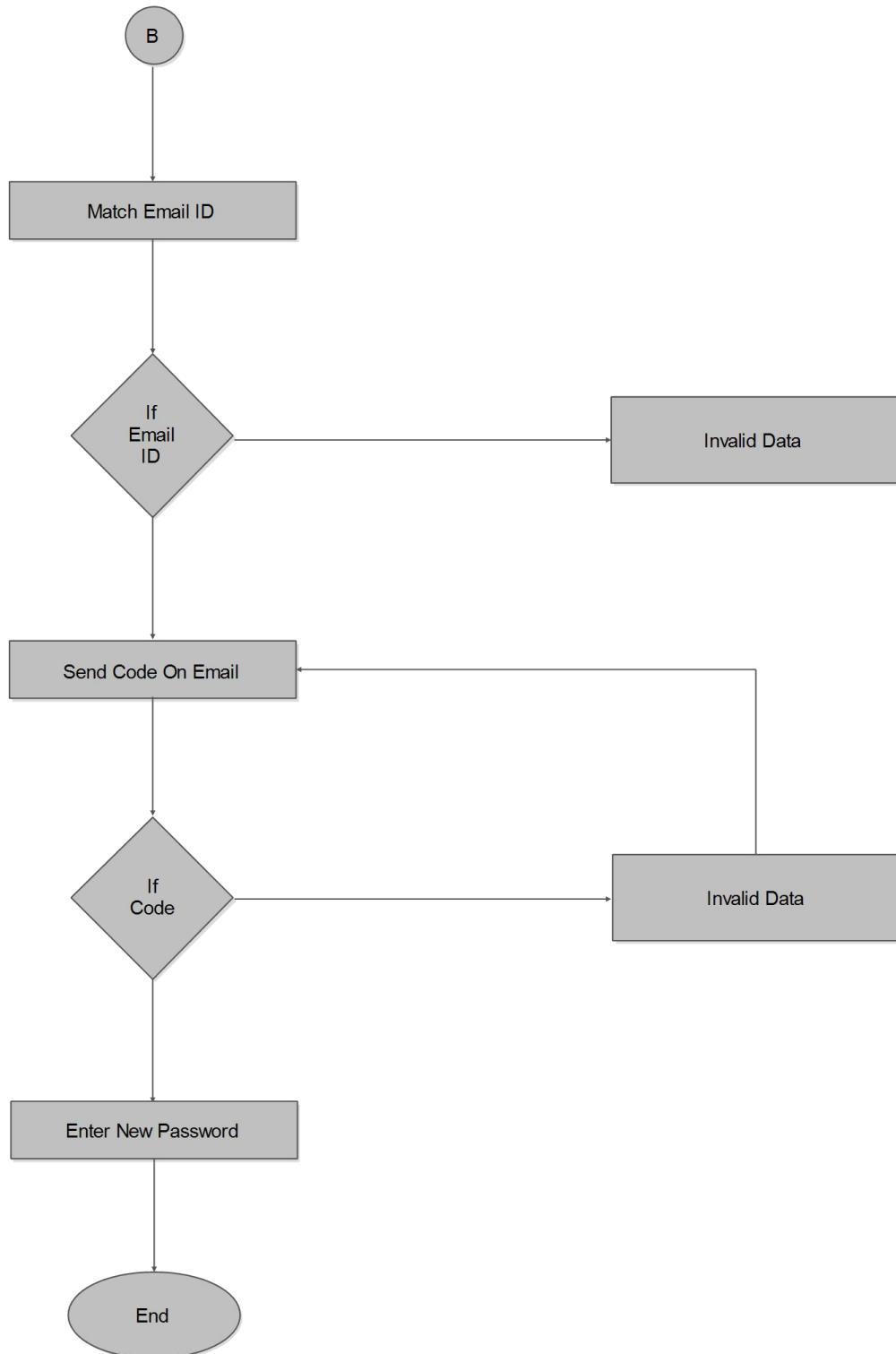


**User:**

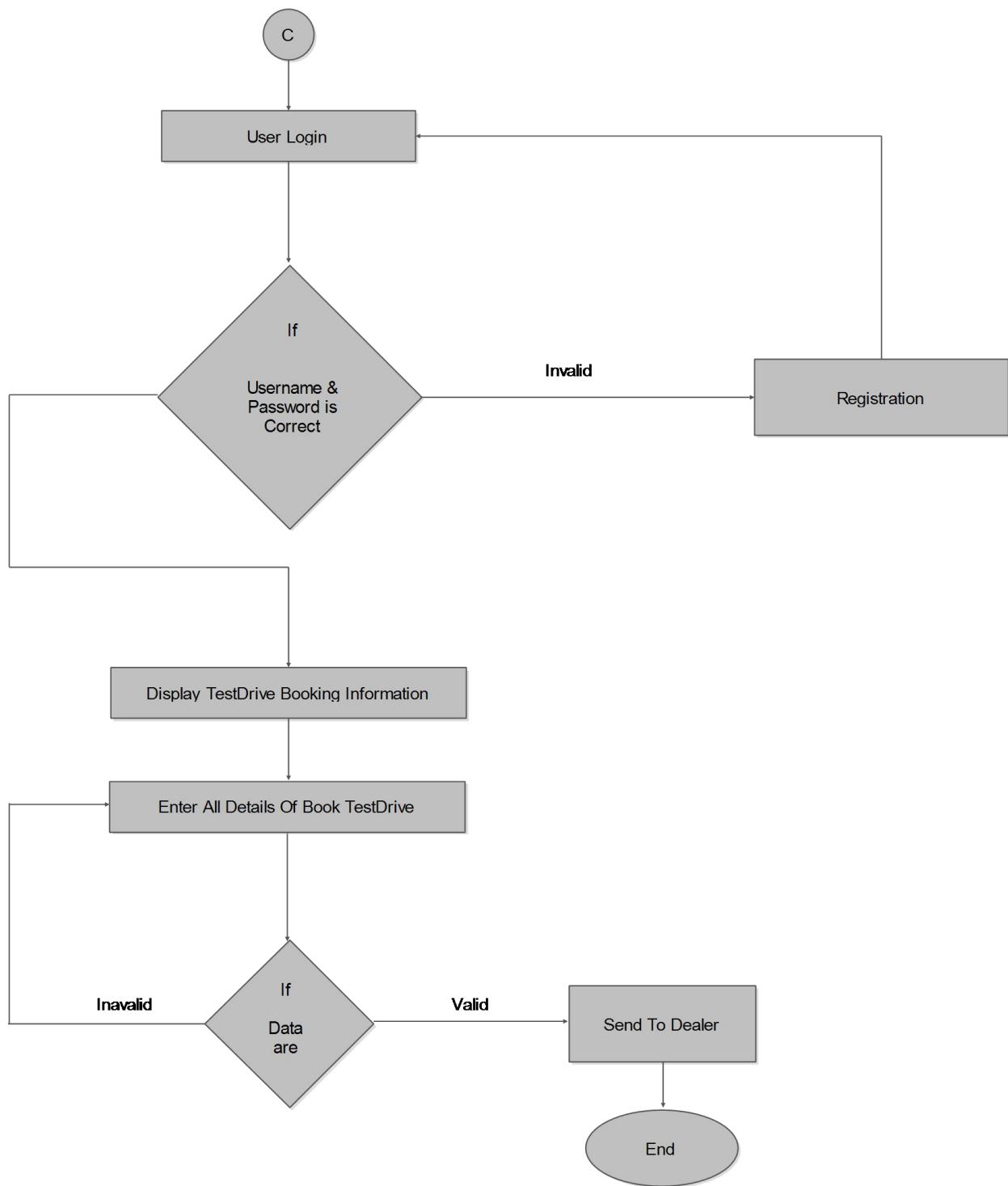


**User Login:**

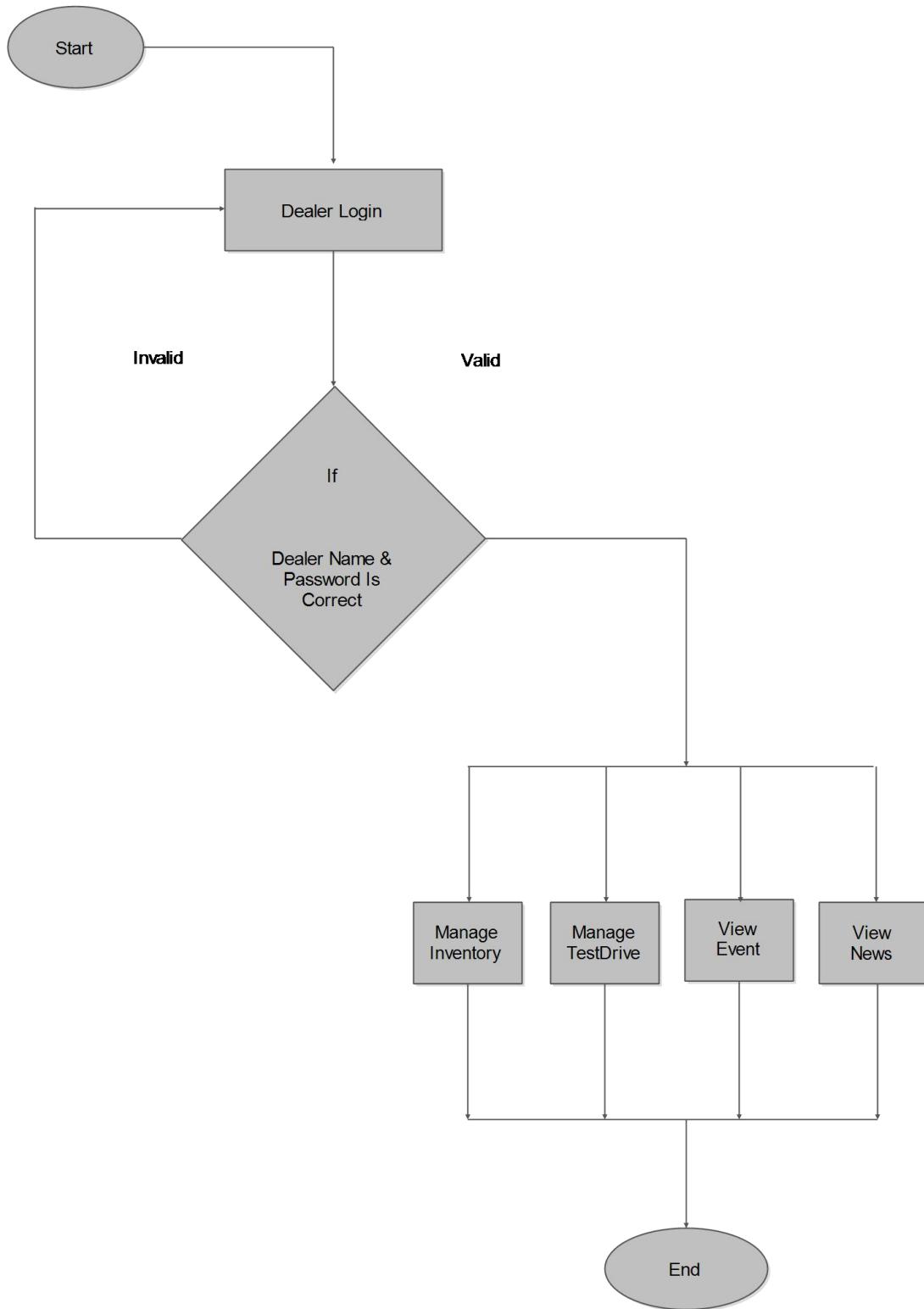
**Registration:**

**Forgot Password:**

### Test-Drive Booking:



**Dealer:**



### **5.3 Security Issue**

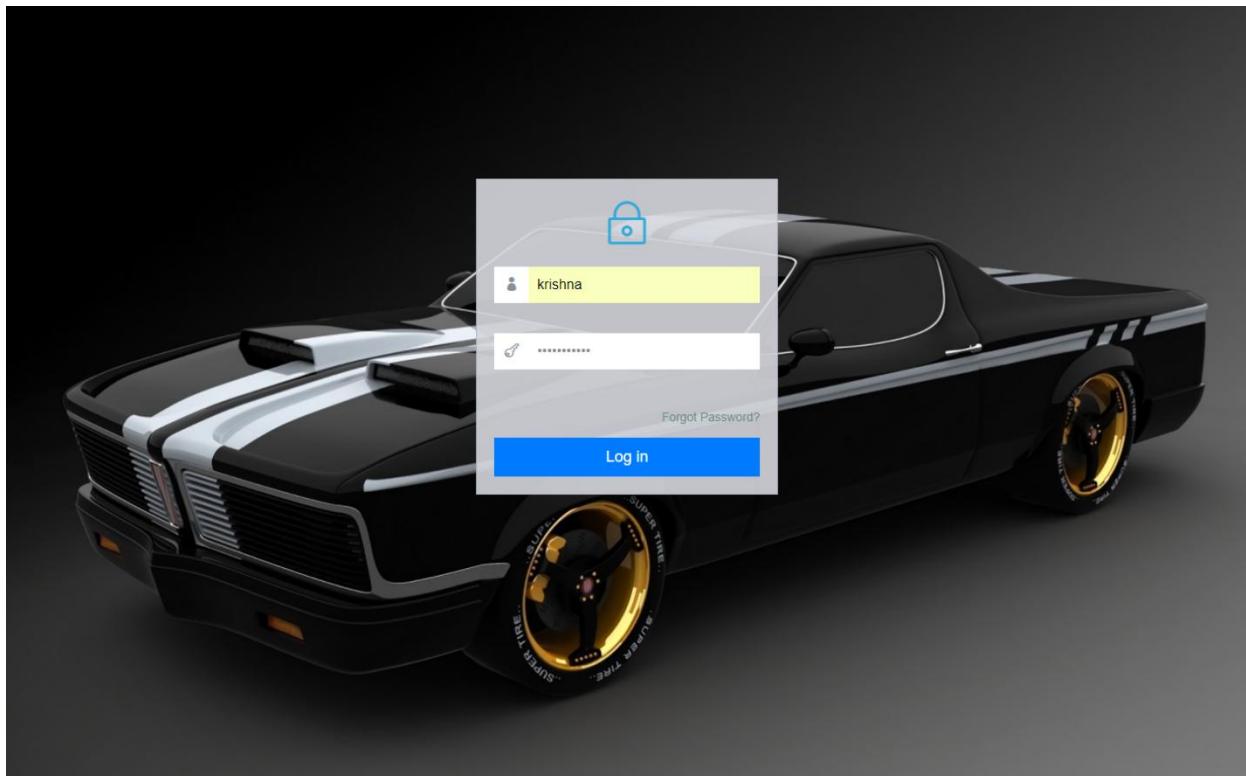
---

- ✓ Session is maintained for accessing the Admin, Dealer and User Account.
- ✓ Only Admin add, update and delete Information.
- ✓ User or dealer cannot see other user's or dealer's information.

## 5.4 Input Screen Layouts

**Admin:**

**Login Page (Admin)**



## Admin Home:

The screenshot displays the Admin Home dashboard for the R & M application. The top navigation bar includes the logo 'R & M' and a user profile for 'krishna'. The left sidebar contains a navigation menu with links: Dashboard, User, Dealer, Car, and Manage About. The main content area is titled 'DASHBOARD' and shows four key statistics in colored boxes: 14 COMPANY (blue), 80 MODEL (orange), 8 USERS (dark blue), and 6 DEALERS (green). Below these is a 'Send Email' form with fields for 'To', 'Subject', and 'Message', and a 'Submit' button. At the bottom, there is a section titled 'Registered Users' with tabs for 'City', 'Users', and 'dealers'.

Registered Users		
City	Users	dealers

## Manage Admin Details:

≡ R & M krishna ▾

Dashboard

User >

Dealer >

Car >

Manage About

**PROFILE**



Admin Name

Last Name

Email

Address

Contact no

**Update** **Edit**

## Manage User Detail:

≡ R & M
krishna ▾

Dashboard

User >

Dealer >

Car >

Manage About

USER DETIL

userid	name	lname	phoneno	city	email	password
3	saloni	patel	9455637789	surat	salonipatel507@gmail.com	saloni123
4	anju	sekhwat	9876543210	mumbai	krishnasukhadiya90@gmail.com	krishu
7	helly	patel	9455637789	baroda	phelly173@gmail.com	helly173
9	jay	tank	9455637789	surat	jtank6588@gmail.com	jaytank
10	niti	patel	9967558466	mumbai	niti134@gmail.com	niti134
12	jeni	patel	9866785644	mumbai	jenipatel12@gmail.com	jenipatel12
18	divya	shah	8460780076	surat	krishnasukhadiya24@gmail.com	123456
19	nidhi	patel	8460780076	surat	nidhishah156@gmail.com	654321

## Manage Test-Drive Booking:

The screenshot shows a web-based application interface. At the top, there is a header bar with the logo "R & M" on the left and a user profile icon "krishna" on the right. Below the header is a navigation sidebar on the left containing links for "Dashboard", "User", "Dealer", "Car", and "Manage About". The main content area is titled "BOOKINGS" and displays a table of test-drive bookings. The table has columns for Test-Drive ID, First Name, Last Name, Phone No, Company ID, Model ID, City, Date, and DealerID. The data in the table is as follows:

	Test-Drive ID	First Name	Last Name	Phone No	Company ID	Model ID	City	Date	DealerID
Select	3	Krishna	Sukhadiya	8866770646	7	8	mumbai	04-04-18	9
Select	4	Dishant	Desai	8460780076	7	8	mumbai	04-04-18	9
Select	5	Saloni	Shah	9898924920	7	8	mumbai	05-04-18	9
Select	6	Akash	Patel	8899447766	7	8	mumbai	06-04-18	9
Select	7	ksd	sd	8460780076	7	8	mumbai	11-04-18	9

Manage Events:

The screenshot shows the R & M application interface. On the left is a sidebar with navigation links: Dashboard, User, Dealer, Car, Manage About, and a user profile for krishna. The main area has a title 'CREATE EVENT' with fields for Date (2018-09-12), Event Name (Retro Expo), Event ADD (Mumbai.gujarat), and Website (www.retro.com). A 'Submit' button is below the form. To the right is a table listing events with columns: Event ID, Event Date, Event Name, Event Address, Website, Edit, and Delete.

Event ID	Event Date	Event Name	Event Address	Website	Edit	Delete
2	2018-01-02	motor expo	surat, gujarat	www.xyz.com	Edit	Delete
3	2018-06-03	Qatar Motor Show	Navsari	Qatar123motor@gmail.com	Edit	Delete
9	2018-03-23	Thrissur Motor	Vadodra	Thrissurmotor@yahoo.com	Edit	Delete
10	2018-03-25	Automophiles	surat, gujarat	Automophils@gmail.com	Edit	Delete
12	2018-06-07	Street Dream	Ahamdabad	StreetIdmotor@gmial.com	Edit	Delete
13	2018-03-25	Knight Drivers	surat	Drivers@gmail.com	Edit	Delete

## [View Dealer Message:](#)

R & M						
	Dashboard	DEALER MESSAGES				
	User					
	Dealer					
	Car					
	Manage About					
1	akash shah	9876543210	akash@gmail.com	nsiwnoacje ndnnerr dfojgjoe jojoewfmc	Delete	
2	patel jay	3692663753	jtank6588@gmail.com	hiiiiiiiiii	Delete	
4	krish	9876354452	krishnasukhadiya90@gmail.com	hiiiiiiiiiiii	Delete	
5	krishna	9785664753	krishnasukhadiya90@gmail.com	hiii	Delete	
7	patel helly	8977567748	phelly173@gmail.com	hi.	Delete	
9	aaaa	1234567890	aba@ada.com	dfghjkfghjkfghj	Delete	
10	ciewj	7588396573	fbsg@gmail.com	hvhiirivnrkj	Delete	
11	bhuvi	5766478836	bhupendra.rai0646@gmail.com	hiiii	Delete	
12	bhuvi	3692663753	bhupendra.rai0646@gmail.com	hiiiiii	Delete	
13	saloni	5766478836	salonipatel507@gmail.com	hii	Delete	
14	saloni	5766478836	salonipatel507@gmail.com	hii	Delete	

## Manage Company Details:

≡ R & M krishna ▾

Dashboard

User >

Dealer >

Car >

Manage About

**ADD COMPANY**

Company name: Tesla

Status: Yes

Upload Logo: Choose File ap.jpg

Edit	Company ID	company Name	Logo	status	Delete
Edit	1	Volkswegan		0	<a href="#">Delete</a>
Edit	7	Nissan		0	<a href="#">Delete</a>
Edit	8	Toyota		0	<a href="#">Delete</a>

12345

Manage Model Details:

**R & M**

[Dashboard](#)

[User](#) >

[Dealer](#) >

[Car](#) >

[Manage About](#)

krishna ▾

**ADD MODEL**

Company name	Volkswegan
Model	Passt
Status	Yes
Upload Logo	<input type="button" value="Choose File"/> ap.jpg

**Submit**

	Model ID	Company ID	Model Name	Image	Status
Edit Delete	1	1	Passt	Volkswagen-Passat-206TSI-R-Line-4.jpg	0
Edit Delete	4	1	Gti	volkswagen-gti-image-13311.png	0
Edit Delete	8	7	Micra	micra.jpg	0
Edit Delete	10	7	Terrano	ta.jpg	0
Edit Delete	12	7	Gt-r	nissan-gt-r-image.png	0
Edit Delete	14	7	Sunny	sunny.png	0
Edit Delete	16	7	Micra Active	micra active.jpg	0
Edit Delete	18	8	Fortuner	fortuner.png	0
Edit Delete	20	8	Etios Liva	etios liva.png	0
Edit Delete	21	8	Etios Cross	toyota-etios-cross-image-10218.png	0
Edit Delete	22	8	Platinum Etios	toyota-platinum-etios-image-13233.png	0
Edit Delete	23	8	Innova Crysta	NULLtoyota-innova-crysta-image-12900.png	0
Edit Delete	24	8	Corolla Altis	toyota-corolla-altis-image-9803.png	0
Edit Delete	25	8	Camry	toyota-camry-image-13501.jpg	0
Edit Delete	26	8	Prius	toyota-prius-image-13511.png	0
Edit Delete	27	8	Land Cruiser	toyota-land-cruiser-image-11434.jpg	0

## Manage Version Details:

The screenshot shows a web-based application interface for managing version details. The top navigation bar includes the logo 'R & M' and a user profile icon labeled 'krishna'. A sidebar on the left contains links for Dashboard, User, Dealer, Car, and Manage About. The main content area is titled 'VERSION' and contains four input fields: 'Company name' (Volkswegan), 'Model name' (Passt), 'Version name' (abc), and 'Status' (Yes). A 'Submit' button is located at the bottom left of the form.

Field	Value
Company name	Volkswegan
Model name	Passt
Version name	abc
Status	Yes

## Manage Color Details:

The screenshot shows a web-based application interface for managing color details. The top navigation bar includes the logo 'R & M' and a user icon labeled 'krishna'. On the left, a vertical sidebar menu lists 'Dashboard', 'User', 'Dealer', 'Car', and 'Manage About'. The main content area is titled 'COLOR' and contains the following form fields:

- Company name: Volkswagen
- Model name: Passat
- Color name: Red
- Status: Yes
- Upload Color Image: Choose File | ap.jpg

A 'Submit' button is located at the bottom of the form.

## Manage Car Details:

The screenshot shows the 'CAR DETAILS' form within the R & M application. The left sidebar contains navigation links: Dashboard, User, Dealer, Car (selected), and Manage About. The main form has a title 'CAR DETAILS'. It includes fields for Company name (Volkswegan), Model name (Passt), Version name (Comfortline), Price (1008833), Body type (HatchBack), Year (2018), Fuel Type (radio buttons for Petrol, Diesel, Petrol/diesel, with Diesel selected), Transmission (Automatic), and No of Gears (5). A 'Next' button is at the bottom.

CAR DETAILS	
Company name	Volkswegan
Model name	Passt
Version name	Comfortline
Price	1008833
Body type	HatchBack
Year	2018
Fuel Type	<input type="radio"/> Petrol <input checked="" type="radio"/> Diesel <input type="radio"/> Petrol/diesel
Transmission	Automatic
No of Gears	5

**Next**

**CAR DETAILS**

Company name	Volkswegan
Model name	Passt
Version name	Comfortline
Height	1456
Length	3976
width	1832
Wheelbase	1456
Door	4
Seating Capacity	5
Fuel Tank Capacity	45

[Previous](#) [Next](#)

**CAR DETAILS**

Company name	Volkswegan
Model name	Passt
Version name	Comfortline
Air Conditioner	Yes
Climate Control	Yes
CD Player	Yes
Power Steering	Yes
Power Windows	Yes
Central Locking	Yes
Steering Adjustment	Yes
Electrically Adjustment Driver Seat	Yes
Steering Mounted Control	Yes
Rear AC Vent	Yes
Remote Controlled Boot	Yes

## Manage Car Image Details:

The screenshot shows a user interface for managing car image details. On the left is a dark sidebar with navigation links: Dashboard, User, Dealer, Car, and Manage About. The main area has a header 'CAR IMAGES'. It contains four input fields: 'Company name' (Volkswegan), 'Model name' (Passt), 'Status' (Yes), and a file upload field 'Photo' showing 'home.jpg'. Below these is a 'Submit' button and a preview image placeholder.

Field	Value
Company name	Volkswegan
Model name	Passt
Status	Yes
Photo	home.jpg

## View Car Details:

SHOW CAR DETAIL

Company name	Volkswegan																
Model name	Passt																
Version name	Comfortline																
ID	ModelID	VersionID	Price	Body Type	Year	Fuel	Transmission	Gears	id	modelid	versionid	price	body_type	year	fuel	transmission	no_of_gears
12	1	1	3299000	Sedan	2017	Diesel	Automatic	6	12	1	1	3299000	Sedan	2017	Diesel	Automatic	6

SpecificationID	ModelID	VersionID	Height	Length	Width	Wheelbase	Door	Seating Capacity	Fuel Capacity
11	1	1	1456	4861	1832	2786	4	5	66

FeatureID	ModelID	VersionID	AC	Climate Control	CD Player	Power Steering	Power Window	Central Locking	Steering Adjustment	Electrically Adjustable_driver_seat	Steering Mounted Controls	Rear AC Vent	Remote Controlled Boot	Rear Wiper	Leather Seats	Electrically Adjustable Mirrors	Anti-lock Braking System
3	1	1	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes

## Manage Upcoming Car Details:

≡ R & M krishna ▾

**UPCOMING CARS**

Car name	BMW
Model name	Maruti Suzuki
Expected price	600000
Expected launches	19-04-2018
Status	Yes
Upload Photo	<input type="button" value="Choose File"/> ap.jpg
<input type="button" value="Submit"/>	

	ID	Company name	Model name	Price	Date	Photo	Status
Edit	1	BMW	New X3	5000000	19-04-2018	BMW-New-X3-Exterior-117887.jpg	0
Edit	2	Maruti Suzuki	Ciaz Facelift	600000	06-2018	Ciaz-Facelift.jpg	0
Edit	3	Toyato	Yaris	800000	05-2018	Toyota-Yaris-Exterior-124115.jpg	0

## Manage Popular Car Details:

POPULAR CARS

	Id	comp	model	price	fuel	photo	status
Edit	1	Renault	Kwid	267000	Petrol	kwid.jpg	0
Edit	2	Tata	Tiago	326000	Diesel	tiago.jpg	0
Edit	3	Toyota	Innova Crysta	1352000	Diesel	innova-crysta.jpg	0

## Manage Just Launch Car Details:

≡ R & M krishna ▾

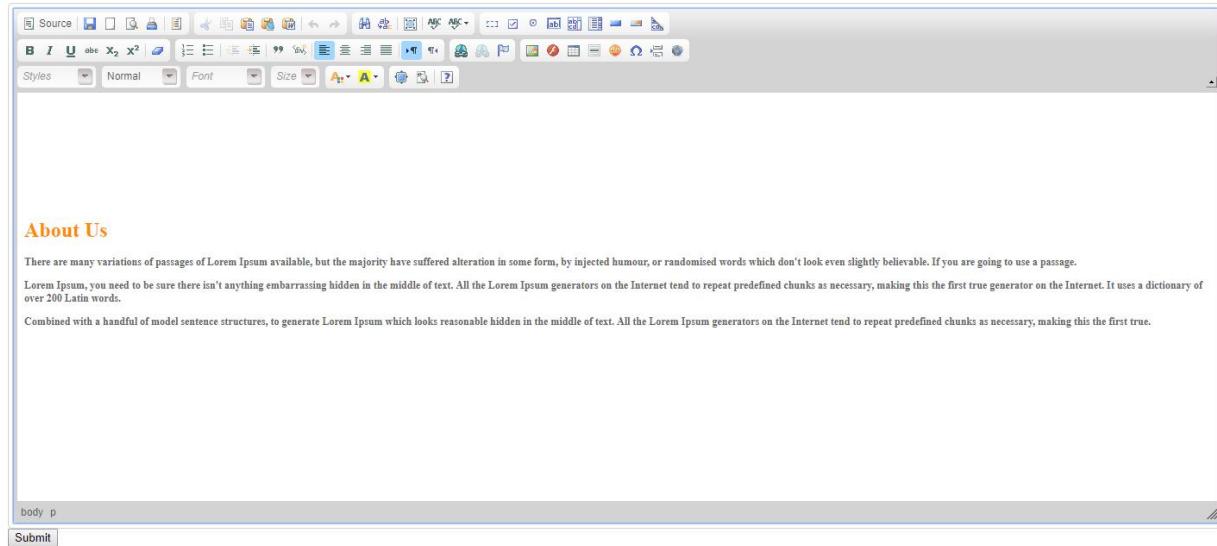
**JUST LAUNCHED CARS**

Car name	Tata
Model name	Zest
price	753000
launched date	05-03-2018
Upload Photo	<input type="button" value="Choose File"/> ap.jpg
Status	Yes

**Submit**

ID	comp	model	price	launched_date	photo	status
1	Toyato	Polo 1.5 TDI Highline Plus (Diesel)	878000	09-03-2018	front-left-side-047.jpg	0
2	Tata	Zest	753000	05-03-2018	tata-zest.jpg	0
3	Toyota	Land Cruiser Prado	9260000	19-03-2018	toyato Land Cruiser Prado.jpg	0

## **Manage About Us Page Details:**



## Dealer:

### Log-in:



**Sign-up:**

The screenshot shows a web-based sign-up form for 'R & M'. The top navigation bar is dark blue with the 'R & M' logo on the left and a 'Log In' link on the right. Below the header, the page title 'Sign Up' is centered above a breadcrumb navigation bar with 'Home / Sign Up'. The main form area contains several input fields:

- A yellow-bordered input field containing 'Bhupendra'.
- A yellow-bordered input field containing 'Rai'.
- A yellow-bordered input field containing 'tc motors'.
- A yellow-bordered input field containing 'bhupendra.rai0646@gm...
- A yellow-bordered input field containing '8866770646'.
- A yellow-bordered input field containing '123, surat, Gujarat'.
- A white input field with four asterisks ('\*\*\*\*\*').
- A white input field with four asterisks ('\*\*\*\*\*').
- An input field labeled 'Choose File' with the value 'ap.jpg'.

At the bottom of the form is a dark blue footer bar with the 'R & M' logo and the copyright notice '© 2018 R & M. All Rights Reserved'.

## Home:



R & M

Discover A Personalized Digital Marketing Experience Built Around Your Needs.



### Featured News

Get the latest news for your dealership, including industry trends, tips and advice, and new product information to stay ahead of the competition and drive more sales.

[Read More](#)



### Industry Events

Our executives and team members participate in auto industry-related events on a regular basis. Please join CorTrade at these upcoming conferences. We look forward to seeing you!

[Read More](#)

R & M

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85 | Page

## **View Events:**

<b>R &amp; M</b>	<a href="#">Home</a>	<a href="#">Events</a>	<a href="#">News</a>	<a href="#">About</a>	<a href="#">Dealer's Corner</a> ▾	<a href="#">Contact Us</a>	<a href="#">Log out</a>
------------------	----------------------	------------------------	----------------------	-----------------------	-----------------------------------	----------------------------	-------------------------

## Events

[Home](#) / [Events](#)

Date	Event	Address	Website
2018-01-02	motor expo	surat, gujarat	www.xyz.com
2018-06-03	Qatar Motor Show	Navsari	Qatar123motor@gmail.com
2018-03-23	Thrissur Motor	Vadodra	Thrissurmotor@yahoo.com
2018-03-25	Automophiles	surat, gujarat	Automophils@gmail.com
2018-06-07	Street Dream	Ahamdabad	Streetdmotor@gmai.com
2018-03-25	Knight Drivers	surat	Drivers@gmail.com

**R & M**

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## View News:



### Our News

Home / News



12-04-  
2018



#### Toyato Launches Its Camry Hybrid In India

The 2018 Camry is on sale at a price of Rs. 3722 lakh (ex-showroom Delhi). There are no changes on the outside, but Toyota has tweaked the interior.

[Read More >](#)



12-04-  
2018



#### Audi Launches Its RS5 In India

The second-gen RS5 Sports Coupé is now on sale in India at Rs 1.1 crore (ex-showroom). The car debuts the two-door coupé body style for the latest-generation A5 in India - the A5 line-up features sportback and convertible model.

[Read More >](#)



12-04-  
2018



#### Mahindra Sells Over 1 Million Units Of The Bolero In India

The company has sold over 1 million units of the Bolero. The car is Mahindra's best-selling model, ever. The original Bolero (launched in 2000) was based on the Armada, and the car has been updated regularly. It's also in the 'top 10 passenger vehicles by sales' list for most of its life span.

[Read More >](#)

[← Older](#)

[Newer →](#)



## **Manage Dealer Model:**

The screenshot shows a dark-themed website for "R & M". At the top, there's a navigation bar with links for Home, Events, News, About, Dealer's Corner, Contact Us, and Log out. Below the navigation is a main title "Add Model". Underneath, a breadcrumb navigation shows "Home / Model". A dropdown menu is open, showing "Volkswegan" as the selected item, with other options like "Models", "Passat", "Gti", "Polo", and "Vento". A blue "Submit" button is visible. At the bottom of the page, there's a footer with the "R & M" logo and the text "© 2018 R & M. All Rights Reserved | Design by".

## Manage Test-Drive Bookings:

The screenshot shows a web application interface for managing test-drive bookings. At the top, there is a dark header bar with the logo "R & M" on the left and navigation links for Home, Events, News, About, Dealer's Corner, Contact Us, and Log out. Below the header, the main title "Testdrive Bookings" is displayed in a large, bold font. Underneath the title, a breadcrumb navigation bar shows "Home / Bookings". The main content area is titled "Bookings" and lists four booking entries, each with three columns: Name/Details, Contact Information, and Date. Each entry includes a "Confirm" button.

Name/Details	Contact Information	Date
Dishant Desai 8460780076 Nissan Micra 04-04-18	ksd sd 8460780076 Nissan Micra 11-04-18	Krishna Sukhadia 8866770646 Nissan Micra 04-04-18
Akash Patel 8899447766 Nissan Micra 06-04-18	Saloni Shah 9898924920 Nissan Micra 05-04-18	

**R & M**  
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## View About Us:



### About Us

[Home](#) / [About Us](#)

#### About Us

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage.

Loem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text. All the Loem Ipsum generators on the Internet tend to repeat predefined chunks as necessary, making this the first true generator on the Internet. It uses a dictionary of over 200 Latin words.

Combined with a handful of model sentence structures, to generate Loem Ipsum which looks reasonable hidden in the middle of text. All the Loem Ipsum generators on the Internet tend to repeat predefined chunks as necessary, making this the first true.

## Contact Us:

R & M

Home Events News About Dealer's Corner Contact Us Log out

### Contact Us

Home / Contact



**Contact Details**

9876 Cafe Place, surat.  
986677-646  
[shupendrara0646@gmail.com](mailto:shupendrara0646@gmail.com)

#### Send us a Message

Full Name:

Phone Number:

Email Address:

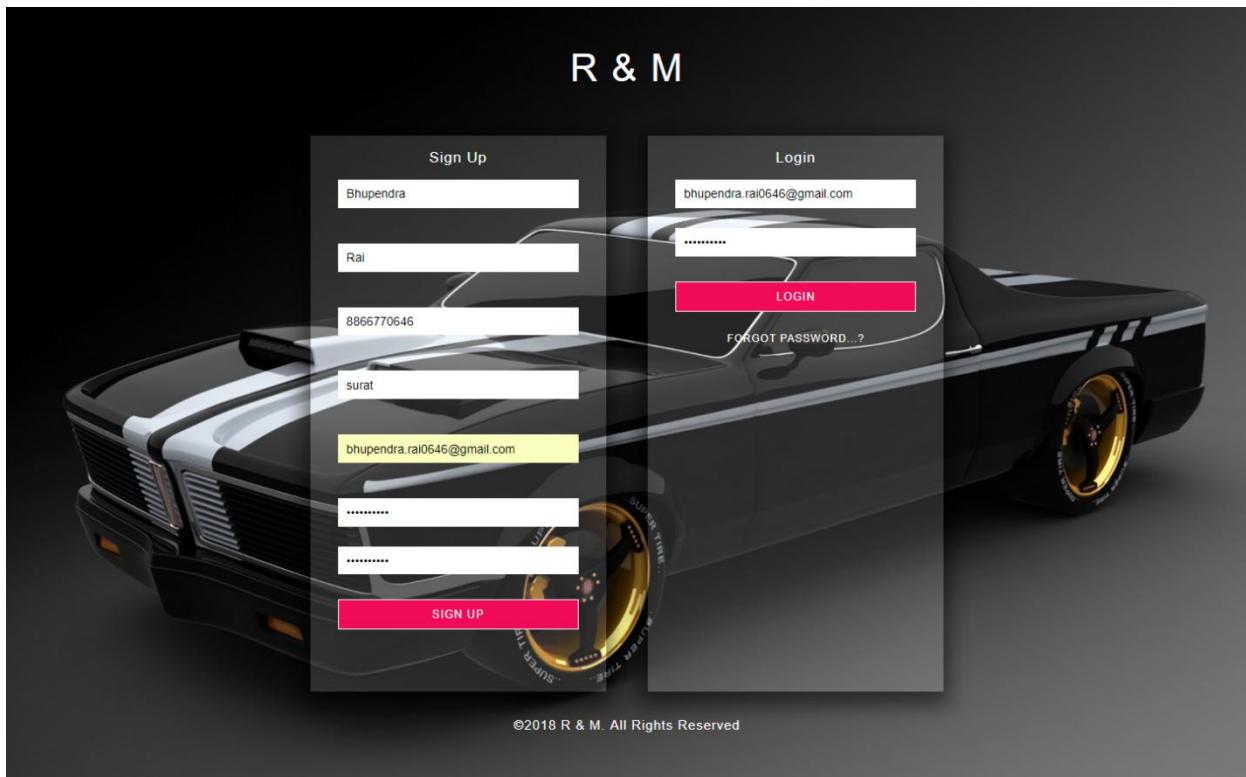
Message:

**Send Message**

R & M  
© 2018 R & M. All Rights Reserved | Design by

## User:

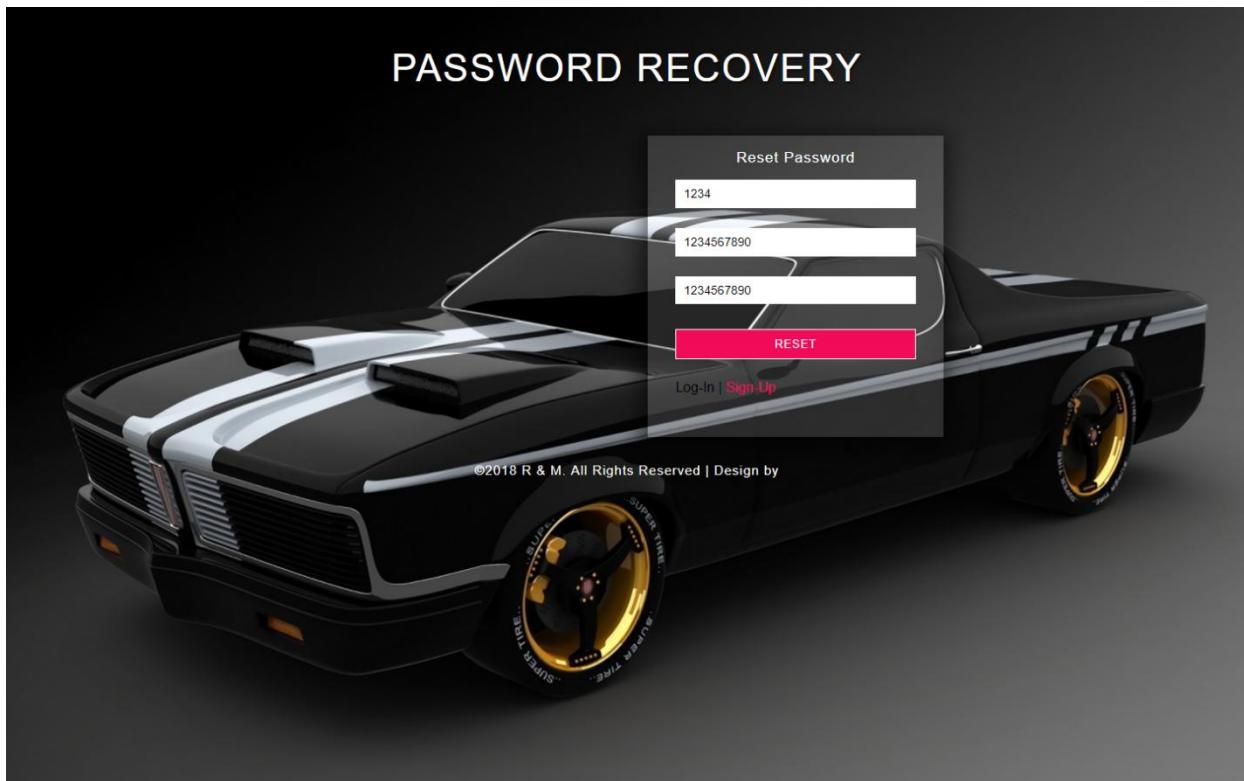
### Log-In/Sign Up:



## Password Recovery Part-1:



## Password Recovery part-2:



## Home:



### FEATURED CARS

UPCOMING CARS

POPULAR

JUST LAUNCHED



BMW NEW X3

₹ 5000000

Estimated Price

19-04-2018

Expected Launch



MARUTI SUZUKI CIAZ FACELIFT

₹ 600000

Estimated Price

06-2018

Expected Launch



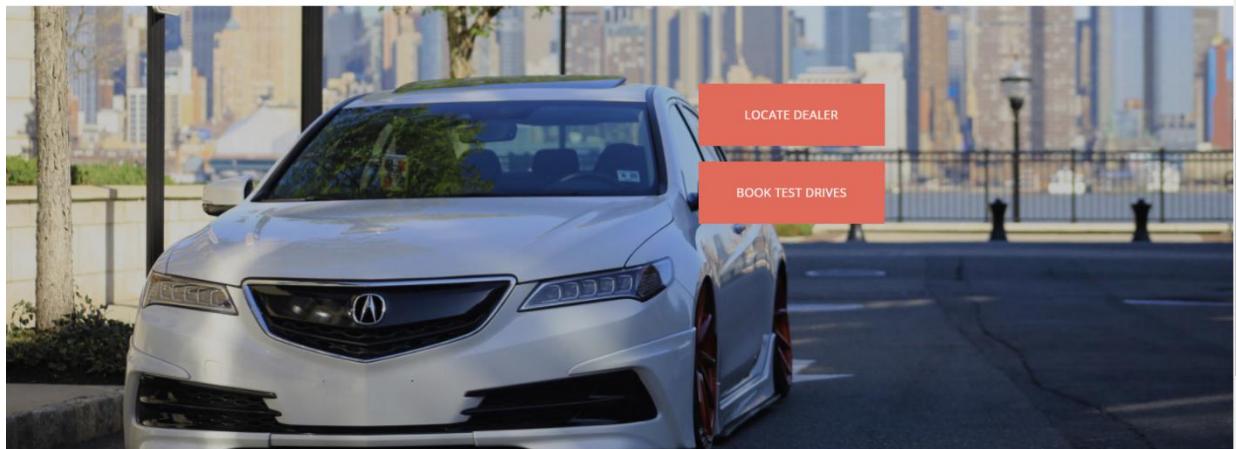
TOYATO YARIS

₹ 800000

Estimated Price

05-2018

Expected Launch



**Find Car(Body Type):**

The screenshot shows a website for car selection. At the top, there is a banner with a blurred background of a person driving at sunset. The banner features the logo 'R & M' and the text 'COME LOOK AT THE SELECTION!' followed by a subtitle 'Eye it - try it - buy it!'. Below the banner, there is a navigation bar with 'Home | Find New Cars' on the left and a large 'FIND NEW CARS' button on the right. The main content area has two tabs: 'BRAND' and 'BODY TYPE', with 'BODY TYPE' being the active tab. Underneath these tabs are five categories: HATCHBACK, SEDAN, COUPE, SUV/MUV, and CROSSOVERS, each accompanied by a small car icon. At the bottom of the page is a dark footer bar containing links for 'ABOUT US', 'CONTACT INFO', 'FLICKR POSTS', and 'BLOG POSTS', along with some placeholder text and contact information.

**HOME | FIND NEW CARS**

**FIND NEW CARS**

**BRAND** **BODY TYPE**

HATCHBACK SEDAN COUPE SUV/MUV CROSSOVERS

**ABOUT US**  
Duis aute irure dolor in reprehenderit in voluptate velit esse.  
Excepteur sint occaecat cupidatat non

**CONTACT INFO**  
12345 Avenue, 4th block,  
New York City.  
krishnabhatia24@gmail.com

**FLICKR POSTS**

**BLOG POSTS**  
Culpa Qui Officia  
Deserunt  
Posted On 25/3/2016

## Find Car(By company):

The screenshot shows a website interface for finding new cars. At the top, there is a banner with a blurred background of a person driving a car at sunset. The text "R & M" is displayed in the top right corner, followed by "COME LOOK AT THE SELECTION!" and "Eye it - try it - buy it!". Below the banner, there is a navigation bar with "Home | Find New Cars" and a "FIND NEW CARS" button. The main content area is titled "FIND NEW CARS" and features two tabs: "BRAND" (which is selected) and "BODY TYPE". Under the "BRAND" tab, there are logos and names for various car brands arranged in two rows. The first row includes VOLKSWEGAN, NISSAN, TOYOTA, FORD, AUDI, and BMW. The second row includes SUZUKI, HONDA, TATA, FIAT, SKODA, and MAHINDRA. Below the brand section, there are two small red navigation arrows.

Home | Find New Cars

FIND NEW CARS

BRAND

BODY TYPE

VOLKSWEGAN

NISSAN

TOYOTA

FORD

AUDI

BMW

SUZUKI

HONDA

TATA

FIAT

SKODA

MAHINDRA

**Find Car(Result):**

The screenshot shows a car search interface with the following elements:

- Header:** "R & M" logo, "COME LOOK AT THE SELECTION!", "Eye it - try it - buy it!"
- Top Bar:** "Home | Search Cars" and "SEARCH CARS" button.
- Left Sidebar (Filter Options):**
  - SELECT BUDGET: dropdown set to 50000
  - FILTER BY:
    - CAR DETAILS:
      - Volkswagen
      - Nissan
      - Toyota
      - Ford
      - Audi
      - BMW
      - Suzuki
    - FUEL TYPE:
      - Petrol
      - Diesel
- Car Listings:**
  - Nissan Micra**: HatchBack, 743624, image of a silver hatchback.
  - Nissan Terrano**: SUV/MUV, 1445835, image of a silver SUV.
  - Nissan GT-R**: image of an orange sports car.
  - Nissan Sunny**: image of a maroon sedan.

## Test-Drive Booking:



[Home](#) | [Test Drive](#)

**TEST DRIVE**

### Book test Drive

krishna

sukhadiya

8460780076

Nissan

Micra

mumbai

April 2018						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

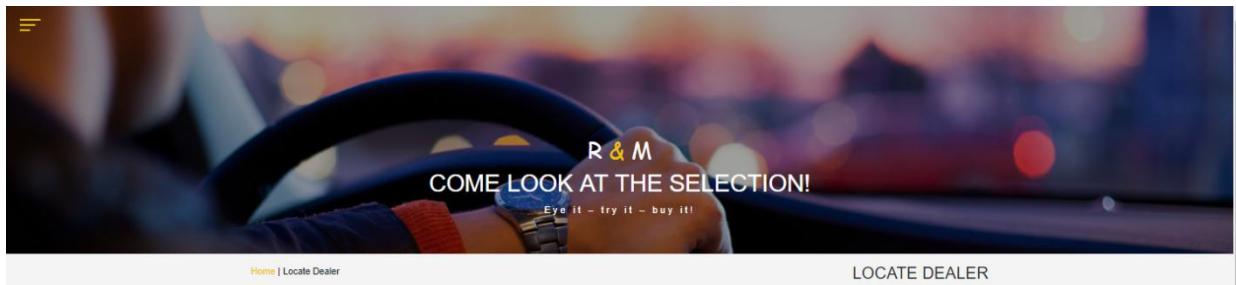
13-04-18

**BOOK**

Click on select to choose Dealer

	dealerid	dealername	email	pheno	address	modelid	compid	modelid1
Select	9	shah motors	krishnasukhadiya24@gmail.com	8866770646	mumbai	8	7	8

## Locate Dealer:



### LOCATE DEALER

Find Dealers

### DEALERS

tc motors

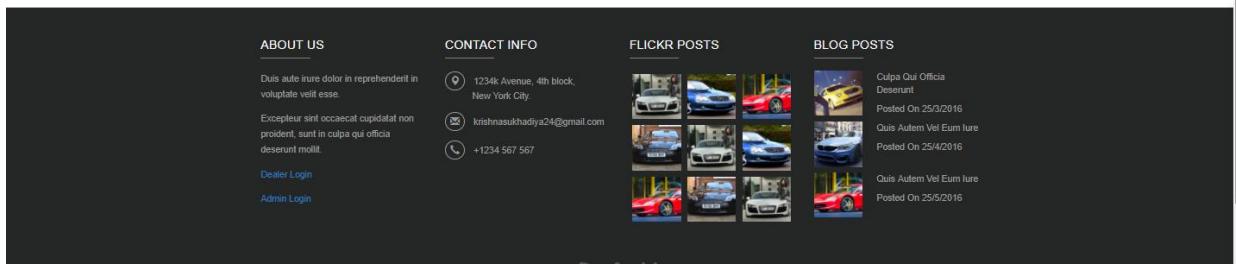
trun choudhary  
mumbai  
9846337478

shah motors

dishant shah  
mumbai  
8886770646

### BROWSE DEALERS BY MANUFACTURER

Volkswegan	Nissan	Toyota
Ford	Audi	BMW
Suzuki	Honda	Tata
Fiat	Skoda	Mahindra
Mitsubishi	Renault	



## Compare Two Cars:

The screenshot shows the R & M website's car comparison feature. At the top, there is a banner with a blurred background of a person driving a car at sunset, featuring the text "R & M", "COME LOOK AT THE SELECTION!", and "Eye it - try it - buy it!". Below the banner, the main heading "COMPARE CARS" is displayed. A sub-instruction "Choose at least two cars of your choice to see how they compare on price, features, and performance." is present. The interface includes two dropdown menus for selecting "Car 1" and "Car 2", both currently set to "Volkswagen Passat Comfortline". A central "COMPARE" button is located between the dropdowns. Below this section, a heading "Hot New Car Comparisons" is followed by three thumbnail images of luxury sedans: an Audi A8 W12 Quattro, a BMW 750Li, and a Mercedes-Benz S500. Each thumbnail has its name labeled underneath.

## Compare Two Cars(Result):

The screenshot shows a car comparison table titled "FACTORS", "FEATURES", and "SPECIFICATIONS". It compares two cars, "car1" (Nissan GT-R) and "car2" (Volkswagen Gti). The table includes columns for Company, Model, Version, Price, Body Type, Year, fuel, Transmission, and Gears.

	FACTORS	FEATURES	SPECIFICATIONS
#		car1	car2
Company	Nissan	Volkswegan	
Model	GT-r	Gti	
Version	Sport	1.8 TSI	
Price	20870729	19999000	
Body Type	SUV/MUV	HatchBack	
Year	2017	2017	
fuel	Petrol	Petrol	
Transmission	Automatic	Automatic	
Gears	6	7	

The footer section includes "ABOUT US", "CONTACT INFO", "FLICKR POSTS", and "BLOG POSTS".

- ABOUT US:** Includes placeholder text: "Duis aute irure dolor in reprehenderit in voluptate velit esse. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit. Dealer Login Admin Login"
- CONTACT INFO:** Includes location (1234k Avenue, 4th block, New York City), email (krishnasukhadiya24@gmail.com), and phone (+1234 567 567)
- FLICKR POSTS:** A grid of 12 small car images.
- BLOG POSTS:** Three blog posts with thumbnails and titles:
  - "Culpa Qui Officia Deserunt" - Posted On 25/3/2016
  - "Quis Autem Vel Eum Iure" - Posted On 25/4/2016
  - "Quis Autem Vel Eum Iure" - Posted On 25/5/2016

**R & M**  
EYE IT - TRY IT - BUY IT!

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**View News:**

Home | News

NEWS



**TOYATO LAUNCHES ITS CAMRY HYBRID IN INDIA**  
12-04-2018

The 2018 Camry is on sale at a price of Rs. 37.22 lakh (ex-showroom Delhi). There are no changes on the outside, but Toyota has tweaked the interior.

[Read More](#)



**AUDI LAUNCHES ITS RS5 IN INDIA**  
12-04-2018

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[Read More](#)



**MAHINDRA SELLS OVER 1 MILLION UNITS OF THE BOLERO IN INDIA**  
12-04-2018

The company has sold over 1 million units of the Bolero. The car is Mahindra's best-selling model, ever. The original Bolero (launched in

**TOP STORIES OF THE WEEK**

**Toyato Launches its camry hybrid in India**  
12-04-2018

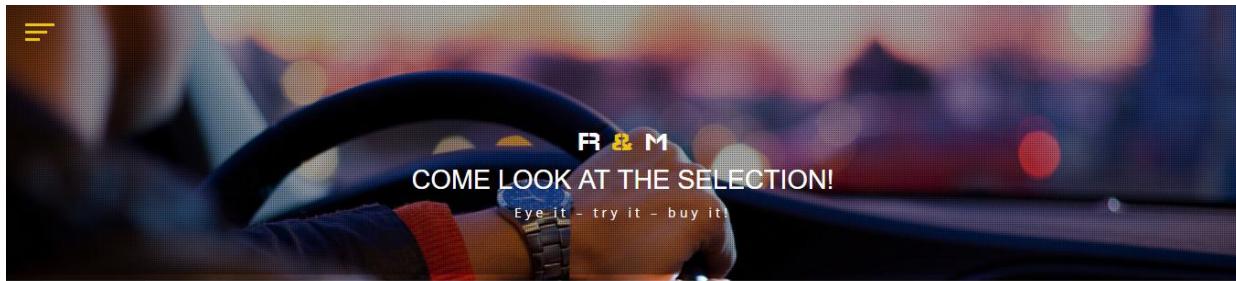


**Audi launches its RS5 in India**  
12-04-2018



**Mahindra sells over 1 million units of the Bolero in India**  
12-04-2018

## View News(Detail):



[Home](#) | News

1

NEWS



### Toyato Launches its camry hybrid in India

The 2018 Camry is on sale at a price of Rs. 37.22 lakh (ex-showroom Delhi). There are no changes on the outside, but Toyota has tweaked the interior.

#### RELATED POSTS



##### [Donec Sollicitudin](#)

Aliquam dapibus tincidunt metus. Praesent justo dolor, lobortis.



##### [Donec Sollicitudin](#)

Aliquam dapibus tincidunt metus. Praesent justo dolor, lobortis.



##### [Donec Sollicitudin](#)

Aliquam dapibus tincidunt metus. Praesent justo dolor, lobortis.

## About Us:



[Home](#) | [About Us](#)

[ABOUT US](#)

### **About Us**

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage.

Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat predefined chunks as necessary, making this the first true generator on the Internet. It uses a dictionary of over 200 Latin words.

Combined with a handful of model sentence structures, to generate Lorem Ipsum which looks reasonable hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat predefined chunks as necessary, making this the first true.

## **6. Testing Report**

---

### **6.1 Test Case Design**

The test plan focuses on how the testing for the project will proceed, which units will be tested, and what approaches (and tools) are to be used during the various stages of testing. However, it does not deal with the details of testing a unit, nor does it specify which test cases are to be used. Test case design has to be done separately for each unit. Based on the approach specified in the test plan, and the features to be tested, the test cases are designed and specified for testing the unit. Test case specification gives, for each unit to be tested, all test cases, inputs to be used in the test cases, conditions being tested by the test case, and outputs expected for those test cases. If test cases are specified in a document, the specifications look like a table of the form shown in Figure,

Sr No.	Filed Name	Input	Condition Checked	Output	Expected Output

## **1) Login Process :**

Sr No.	Filed Name	Input	Condition Checked	Output	Expected output
1	Email ID, Password	Null	No Entry For Email ID, Username, Password	Enter Password Is Wrong	User Login
2	EmailID	saloniPatel@gmail.com	Invalid Format	Email Not Valid	User Login
3	Password	saloni123	Valid Password	User Login	User Login

## **2) Forgot Password Process:**

Test Version No.	Filed Name	Input	Condition Checked	Output	Expected output
1	Email	<a href="mailto:salonipatel@gmail.com">salonipatel@gmail.com</a>	Email ID Does Not Match	Please Check Your Email ID	Please Check Your Email ID
2	Email	<a href="mailto:salonipatel507@gmail.com">salonipatel507@gmail.com</a>	Email ID Match	Entry For Email Id	Entry For Email ID

### **3) Change Password Process:**

Test Version No.	Filed Name	Input	Condition Checked	Output	Expected output
1	Old Password	Null	No Entry For Old Password	Please enter Old Password	Please Enter Old Password
2	New Password	Null	No Entry For new Password	Please Enter New Password	Please Enter New Password
3	Confirm Password	Null	No Entry For Confirm password	No Entry For Confirm password	Please Enter Confirm password
4	Old Password	1234	Entry For Old Password	Right Old password	Right Old password
5	New Password	5214	Entry For New Password	New Password	New Password
6	Confirm Password	5214	Confirm Password Are Match	Successfully Password Are Changed	Successfully Password Are Changed

**4) User Registration:**

Sr No.	Field name	Input	Condition Checked	Output	Expected output
1	Username	Null	No entry For Username	Username is Require	Username is Require
2	Lastname	Saloni	No valid entry for username	Lastname must be Only Character	username must be Only Character
3	Phone No	9876545678	Valid Phone Number	Phone Number must be 10 character	Phone Number must be 10 character
4	City	Surat	Valid City	City must be Required	City must be Required
5	Email	Salonipatel507@gmail.com	Valid Enail Id	Email must be Required	Email must Be Required
6	Password	saloni123	Valid password Must be 6 character (a-z,A-Z,0-9)	Password is Correct format	Password is Correct format

## **6.2 Testing Issues**

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### **✓ Integration Testing:**

Integration testing is a systematic technique for constructing the program structure while conducting test to uncover errors associated with interfacing. The objective is to take unit tested module and build a program structure that has been dictated by design.

After our individual modules were tested out we go to the integrated to create a complete project. This integration process involves building the software and testing the resultant software for problems that arise from component interactions.

### **✓ Black Box Testing:**

As s/w functions are operational, the set of input conditions. Exercising all functional requirements will be derived to uncover the different class of the behavioral errors such as incorrect functions, incorrect interfaces, external data structure errors, performance errors and termination errors.

### **✓ White Box Testing:**

Based on the control structure of the procedural design, the logical paths are been exercised with specific set of conditions, loops at boundaries to examine the validity of the internal data structures.

### **✓ Alpha Testing:**

The development site, the customer conducts an alpha test under the natural settings to record the errors and usage problems.

### **✓ Beta Testing:**

At the customer site, the end-user conducts the “live” application test in customer environment to encounter the problems to be modified before product release.

## ✓ **System Testing:**

As the s/w is to be integrated with other system elements, system testing focuses on validating the system integration by,

- ✓ **Recovery Testing** : To assure proper recovery
- ✓ **Security Testing** : To protect the improper penetration
- ✓ **Stress Testing** : To confront the program with abnormal resources such as quantity, frequency or volume.

## **7. Limitation of System**

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- ✓ This system does not provide online (banking) payment transaction.
- ✓ This Site Is Only Working On National Level.
- ✓ This system can't provide facility for booking cars online.

## **8. Future Enhancement of the Project**

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- ✓ This system will provide facility for advance booking of cars.
- ✓ This system will also provide the buying used cars.

## 9. Reference Books

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The Following books were referred for completing this project. This includes books for front end part and books for back end part.

- ✓ Dewson, R. (2009). *Beginning SQL Server 2008 Express for Developers*. Apress.
- ✓ Foster, E. (2014). *Software Engineering*. Apress.
- ✓ Japikse, P. (2015). *C# 6.0 and the .NET 4.6 Framework*. Apress.
- ✓ MacDonald, M. (2012). *Beginning ASP.NET 4.5 in C#*. Apress.

### Websites:

- ✓ [www.google.com](http://www.google.com)
- ✓ [www.asp.net](http://www.asp.net)
- ✓ [www.wikipedia.com](http://www.wikipedia.com)
- ✓ [www.c#dotnet.com](http://www.c#dotnet.com)
- ✓ [www.cartrade.com](http://www.cartrade.com)