

# **CAR SERVICING.COM**

## **A PROJECT REPORT**

**Submitted By**

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**Submitted in partial fulfilment of the  
Requirements for the Degree of**

## **MASTER OF COMPUTER APPLICATIONS**

**Under the Supervision of  
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**Submitted to**

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(JAN 2022)**

# **CERTIFICATE**

Certified that **Priyanka Sharma** <Enrollment Number: **200029014005777**> have carried out the project work having “**Car Servicing.com**” for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU) (formerly UPTU), Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself / herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

**Date:**

**Priyanka Sharma (Roll no.: 2000290140092)**

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

**Date:**

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**Signature of External Examiner**

**Dr. Ajay Shrivastava**  
**Head, Department of Computer Applications**  
**KIET Group of Institutions, Ghaziabad**

# ABSTRACT

The main aim of this project is to create an application that is helpful in Hiring to customers. It is an online system through which customers can view available services; register or order for vehicles servicing.

In the existing System it is difficult to maintain the car servicing information individually and to allow customers to book their Vehicles servicing and maintenance all online from the comfort of their own home or office. 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 servicing a car.

In the Proposed System, the platform should offer an administration interface where the car servicing company can manage the content, and access all bookings and customer information. We can also view all the car details which are kept for service effectively. With this Customer can get the service quickly all online from the comfort of their own home or office

# ACKNOWLEDGEMENT

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Fortunately, I have many understanding friends, who have helped me a lot on many critical conditions.

Finally, my sincere thanks go to my family members and all those who have directly and indirectly provided me moral support and other kind of help. Without their support, completion of this work would not have been possible in time. They keep my life filled with enjoyment and happiness.

**Priyanka Sharma**

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# **CHAPTER 1**

## **INTRODUCTION**

### **1.1 PROJECT DESCRIPTION**

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows:

- Online CAR servicing.
- Request column for providing new customer registration.
- Customer login page where student can find service by him/her on date.
- A search column to search availability status.
- Online notice board about the workshop.

### **1.2 PROJECT SCOPE**

Online CAR is an application which refers to servicing systems which are generally small or medium in size. It is used by admin to manage the all customer services using a computerized environment.

In addition, report module is also included in Online CAR servicing. If user's position is admin, the user is able to generate different kinds of reports like lists of Customer registered, All these modules are able to help admin to manage the services with more convenience and in a more efficient way as compared to online CAR systems which are not computerized.

### **1.3 HARDWARE / SOFTWARE USED IN PROJECT**

PROCESSOR	INTEL CORE PROCESSOR OR BETTER PERFORMANCE
OPERATING SYSTEM	WINDOWS7, WINDOWS 8, WINDOWS10, UBUNTU

MEMORY	1GB RAM OR MORE
HARD DISK SPACE	MINIMUM 3 GB FOR DATABASE USAGE FOR FUTURE
LANGUAGE	JAVA SERVER PAGES
IDE	NETBEANS 7.01
DATABASE	MS ACCESS
SERVER	GLASSFISH/TOMCAT7.0 SERVER

## **CHAPTER 2**

### **FEASIBILITY STUDY**

The basic purpose of feasibility study or survey is to determine whether the whole process of system analysis leading to Computerization would be worth the effort for the organization. A website would take the place of the expense, hassle, and delays of product brochures. The link will point potential users to the link. As new features are added, site visitors would see them listed.

Feasibility study asks whether the managements' concept of their desired new system is actually an achievable, realistic goal, in terms of money, time and end result difference to the original system. Often, it may be decided to simply update an existing system, rather than to completely replace one.

In **car servicing system** we have updated the existing website by adding new images, attractive colour combinations and interactive Register and Log In forms. One concern is a conundrum - the site requires the very technology offered to potential customers -- web access. If people can get on the web, they wouldn't need the site. However, the site is also intended to motivate and coordinate volunteers (staff), to serve the administrative aspects of the organization.

The feasibility study results in the preparation of a report called the Feasibility Study/ Survey Report, which is submitted to the management for consideration. It contains the following details:

- A proposed solution to the problem.
- Rough estimate on the cost/benefits analysis if the solution is implemented.
- Approximate time, effort and cost estimates for completion of the project.

#### **2.1 TECHNICAL FEASIBILITY**

It is related to the software and equipment specified in design for implementing the new system. It confirms that the necessary technology i.e. required for the proposed system exists in the organization. The technical feasibility assessment is focused on gaining an understanding of the

present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the need of the proposed system.

The issues involved are: -

➤ **Matching the configuration requirements**: Checking if the suggested solution will be supported by the existing technology, whether it is capable of sorting the volumes of data and meeting the further requirements related to the H/w and S/w.

➤ **Making the website secure**: The website should be secure enough so that no one can make use the information of the organization in a wrong or negative manner.

## **2.2 OPERATIONAL FEASIBILITY**

It is mainly related to human organizational and political aspects. Not only must an application make economic and technical sense, but it must also make operational sense. The basic question that you are trying to answer is, “**it is possible to maintain and support this** application once it is in production?” Building an application is decidedly different than operating it, therefore you need to determine whether or not you can effectively operate and support it. The new and young staff does understand the need of such change in website. With the new website there will be no job-cutting process will be done. Rather, the organization is expecting that through the new website more and more people become aware of it and hence new applicants for various job profiles will approach. The new website will at some amounts reduce paper work they have to do every day. The task distribution will remain the same.

There will not be a need of making all the staff members to teach a certain new skill to work on the new website as working on the world wide web is a like kids play now a days.

## **2.3 BEHAVIORAL FEASIBILITY**

The website is behaviorally feasible. People are inherently resistant to change, and computers are known to facilitate changes. An estimate should be made on how strong reaction the user staff is likely to have towards the development. The system is mainly of use of the staff who will make necessary changes and updated as and when required and the people who will access the World Wide Web.

# **CHAPTER 3**

## **DATABASE DESIGN**

### **3.1 DATABASE TABLES**

Various tables to maintain information in the database:

#### ➤ CUSTOMER LOGIN TABLE

Field	Data type	Default	Key	Extra
Logid	TEXT	NOT NULL	PRIMARYKEY	References
Username	TEXT	NULL		
Password	TEXT	NULL		

Table 3.1.1 Customer Login Table

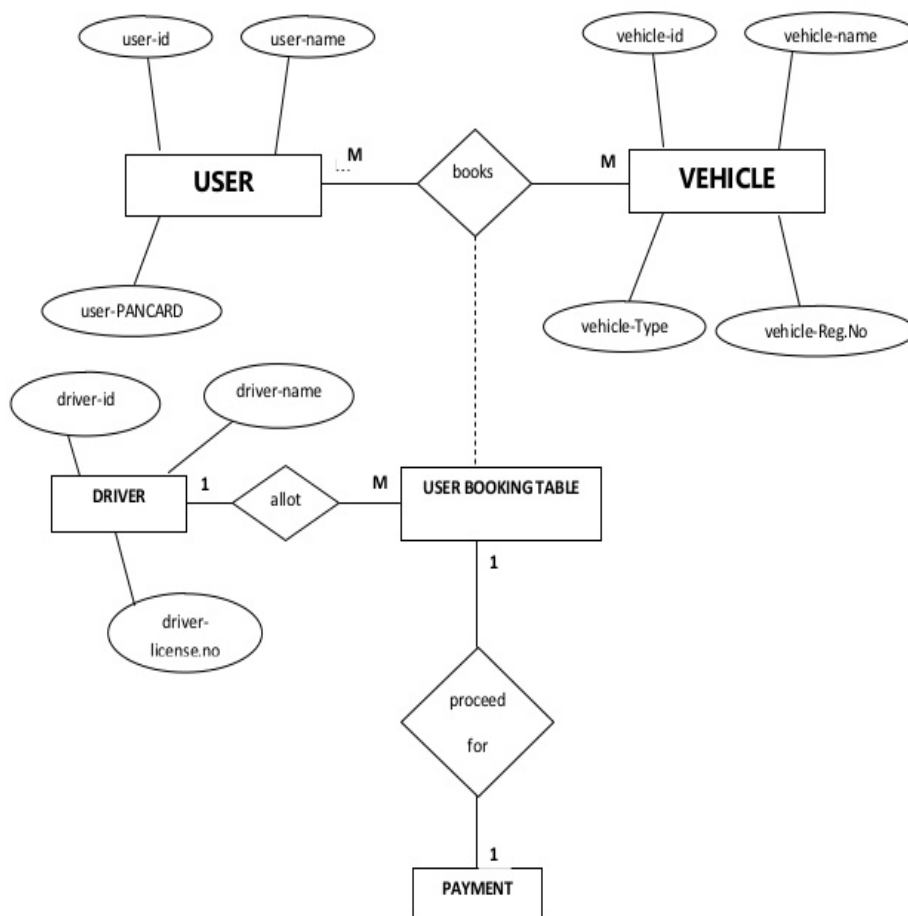
#### ➤ ADMIN LOGIN TABLE

Field	Data Type	Default	Key	Extra
Loginid	TEXT	NOT NULL	Primary key	References teacher
Username	TEXT	NULL		
Password	TEXT	NULL		

Table 3.1.2 Admin Login Table

### 3.2 ER DIAGRAM

#### Entity Relationship Diagram



18

Fig. 3.2 ER Diagram for car servicing system

### 3.3 DATA FLOW DIAGRAM

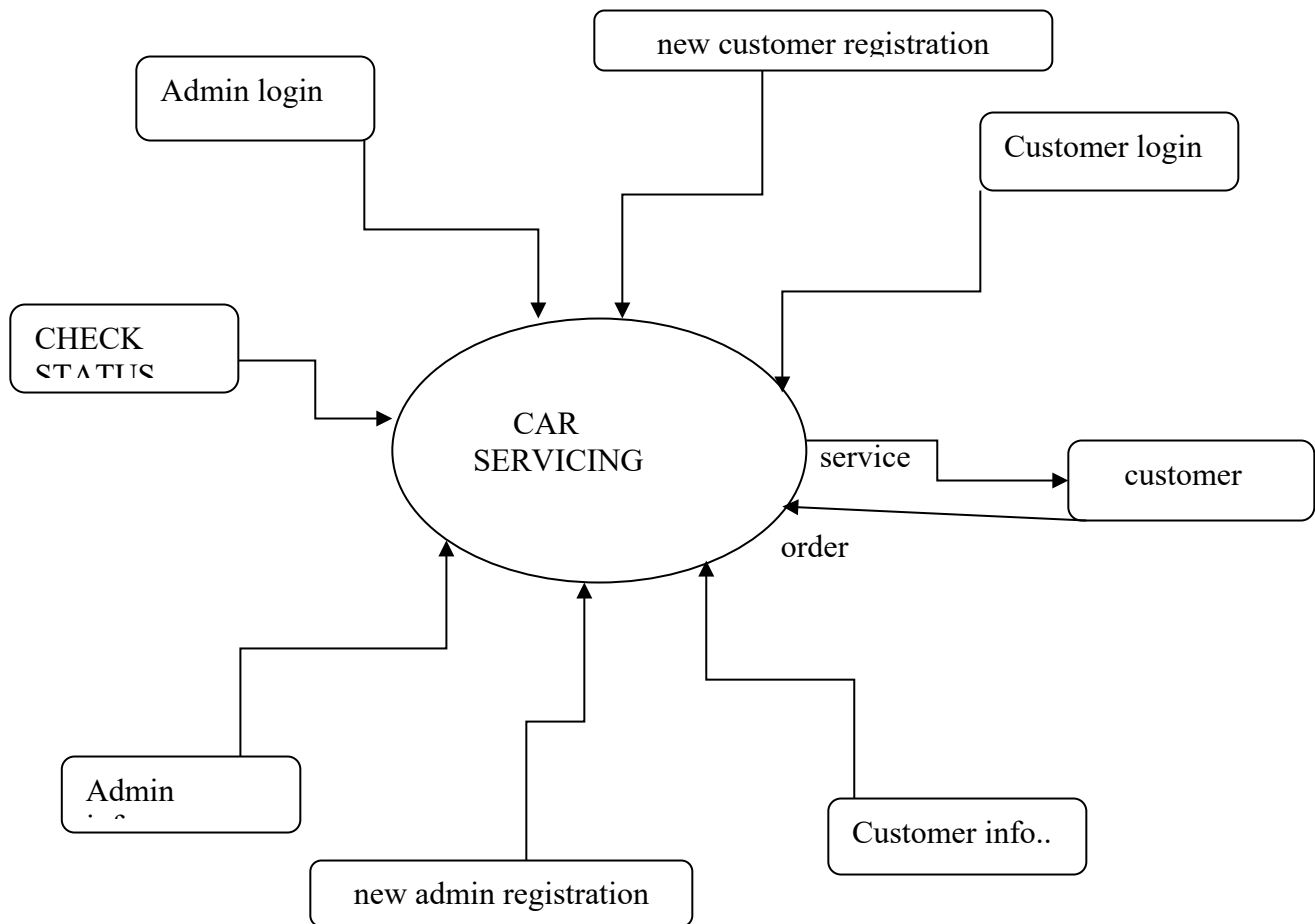


Fig. 3.3 Data Flow Diagram (Car servicing system)

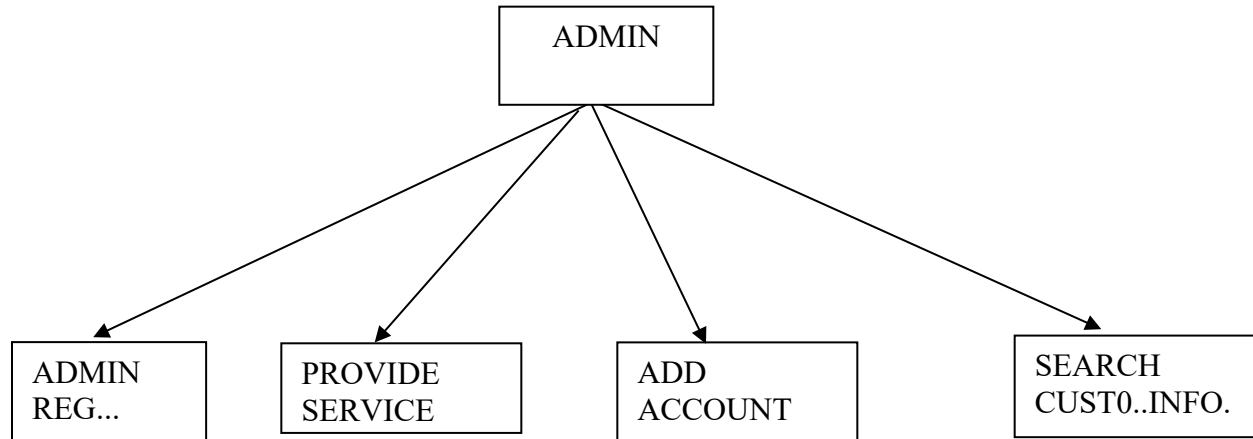


## **CHAPTER 4**

### **MODULE DESCRIPTION**

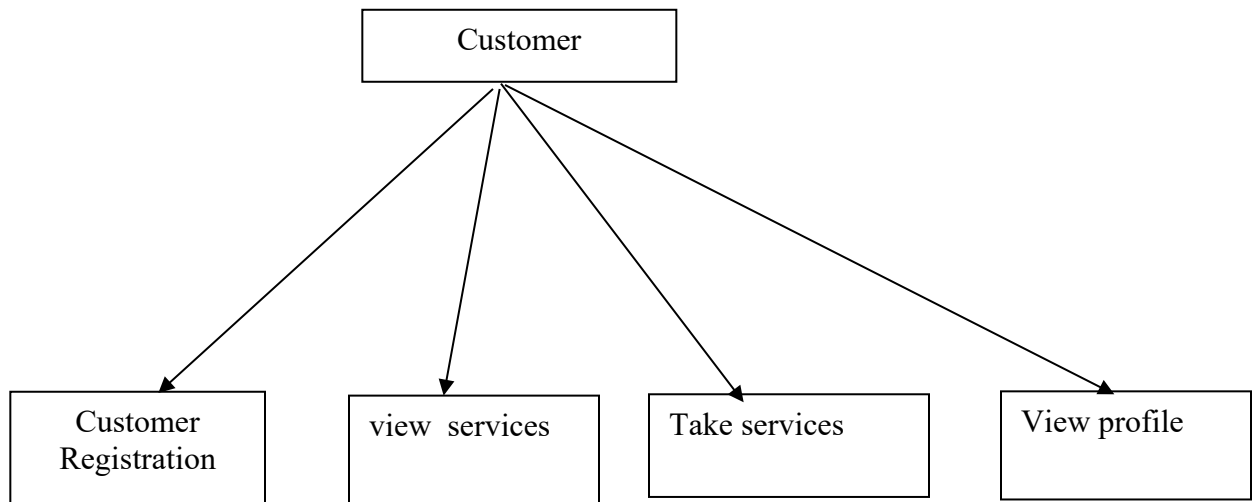
Online Car servicing system divided into the following Modules:

#### **4.1 ADMIN MODULE**



The following module contains various facilities in which admin can see all information for customer and provide service to customer.

#### **4.2 CUSTOMER MODULE**

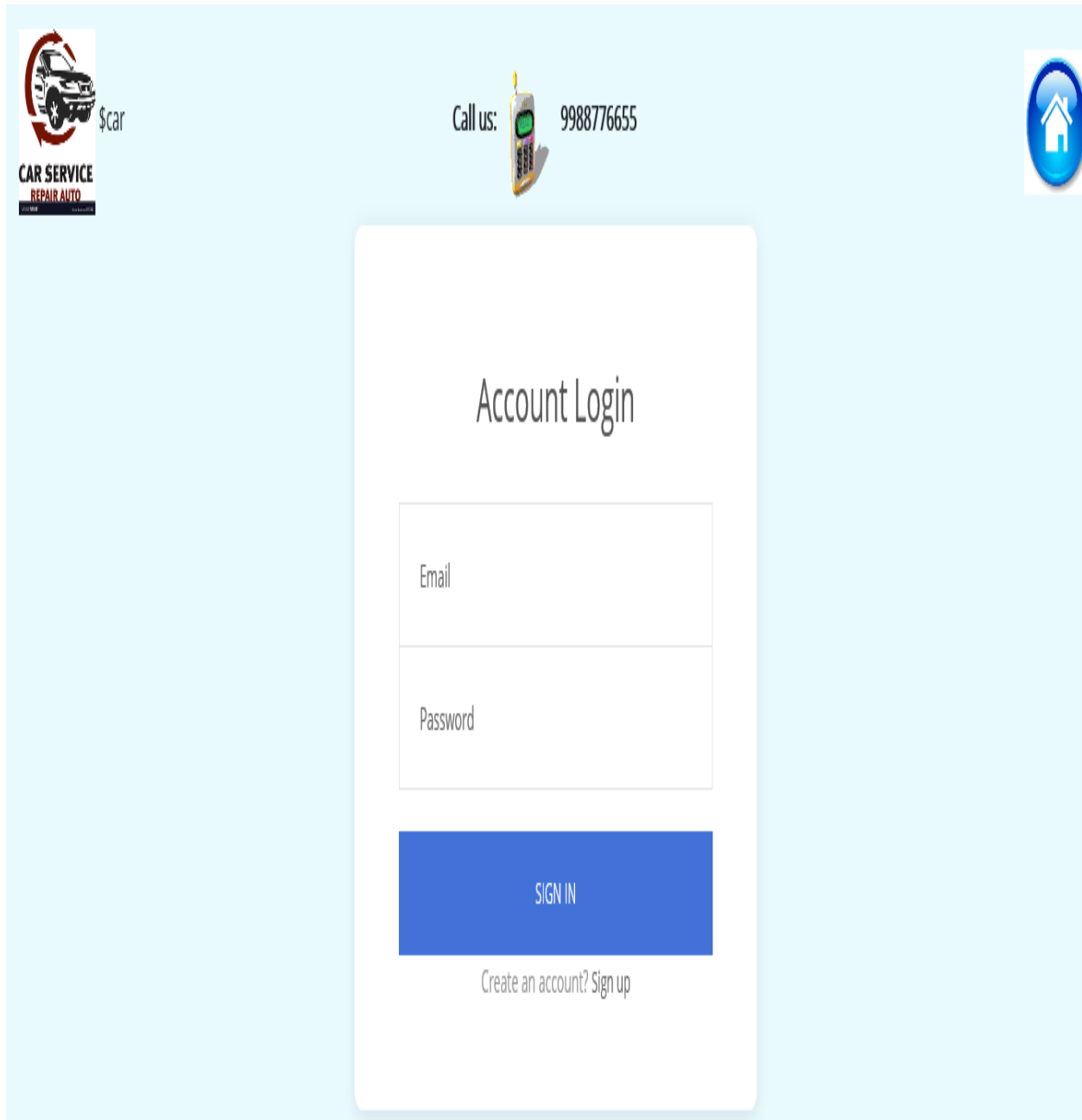


The following module contains various facilities like View services, take Services, View Profile.

## **CHAPTER 5**

### **SCREENSHOTS**

#### **5.1 ADMIN LOGIN PAGE**



The screenshot displays the Admin Login page for a car service. The page has a light blue background. In the top left corner, there is a logo for 'CAR SERVICE' featuring a car and the text 'REPAIR AUTO'. In the top center, there is a contact number '9988776655' next to a mobile phone icon and the text 'Call us:'. In the top right corner, there is a blue circular home button icon. The main content area is a white rounded rectangle with the title 'Account Login'. Below the title are two input fields: 'Email' and 'Password'. Below these fields is a blue 'SIGN IN' button. At the bottom of the white rectangle, there is a link that says 'Create an account? Sign up'.

Fig. 5.1 Admin Login Page Screenshot

## 5.2 ADMIN HOME PAGE

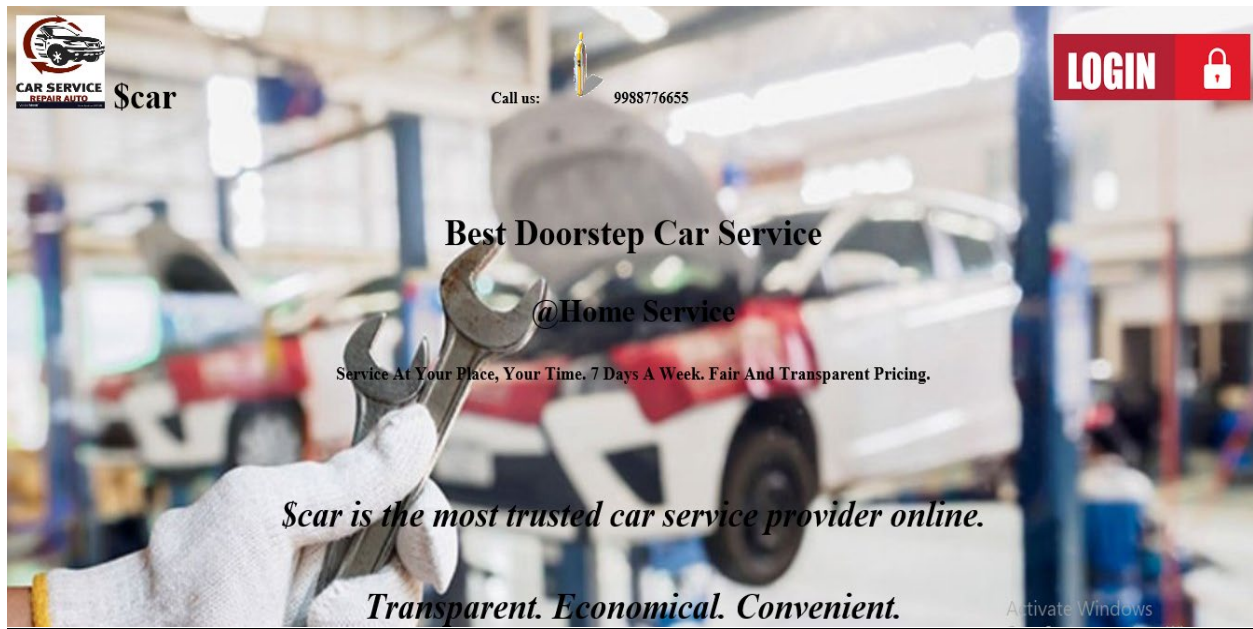


Fig. 5.2 Admin Home Page Screenshot

## 5.3 CUSTOMER REGISTRATION PAGE

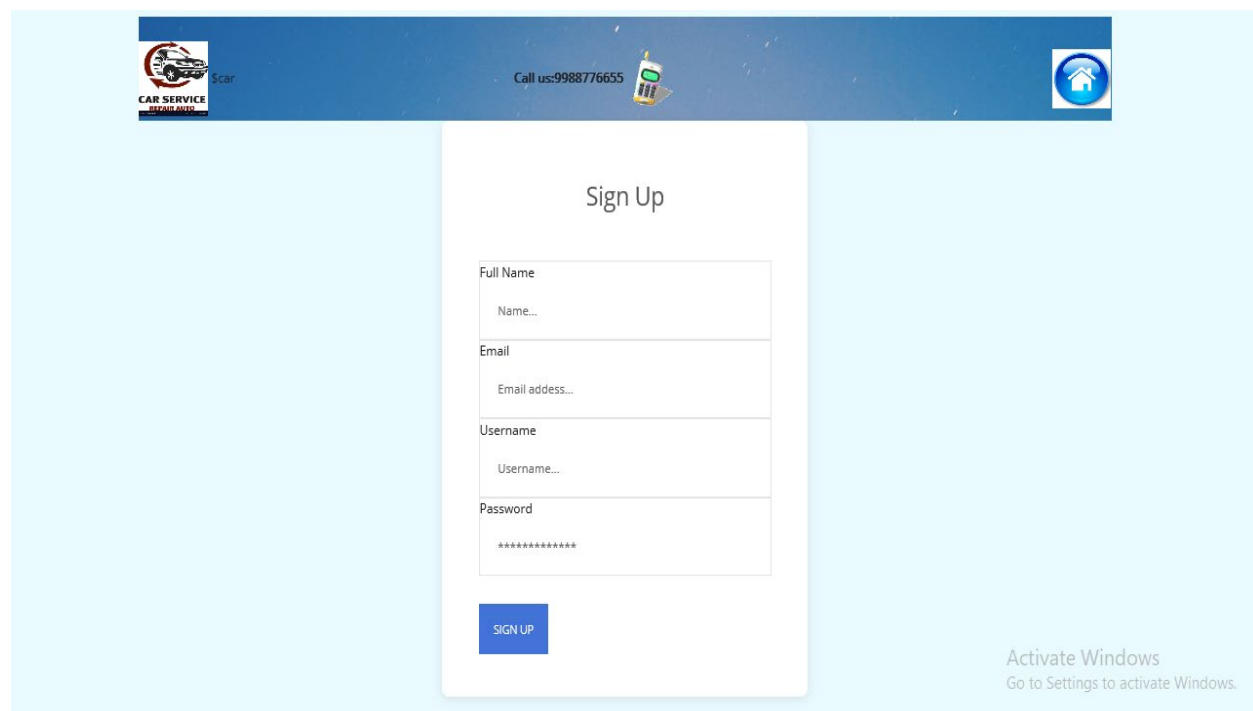


Fig. 5.3 Customer Registration Page Screenshot

## 5.4 CONTACT US PAGE

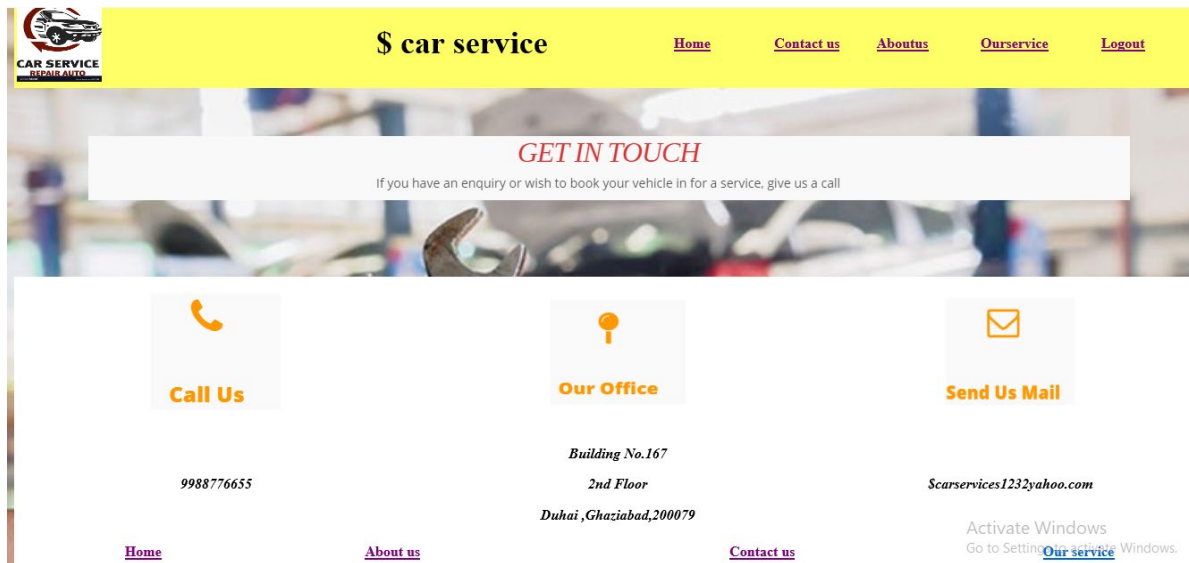


Fig 5.4 Contact Us Page Screenshot

## 5.5 ABOUT US PAGE

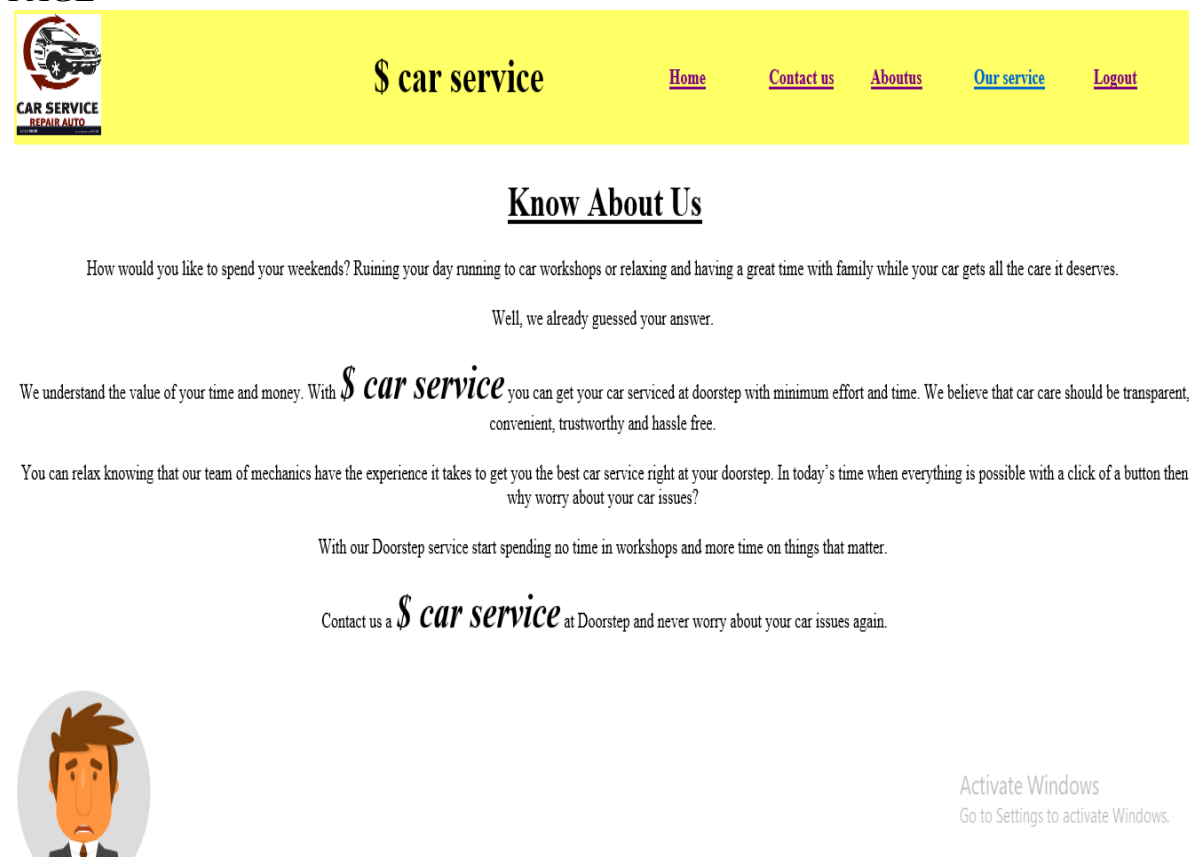


Fig. 5.5 About Us Page Screenshot

## 5.6 SERVICES PAGE

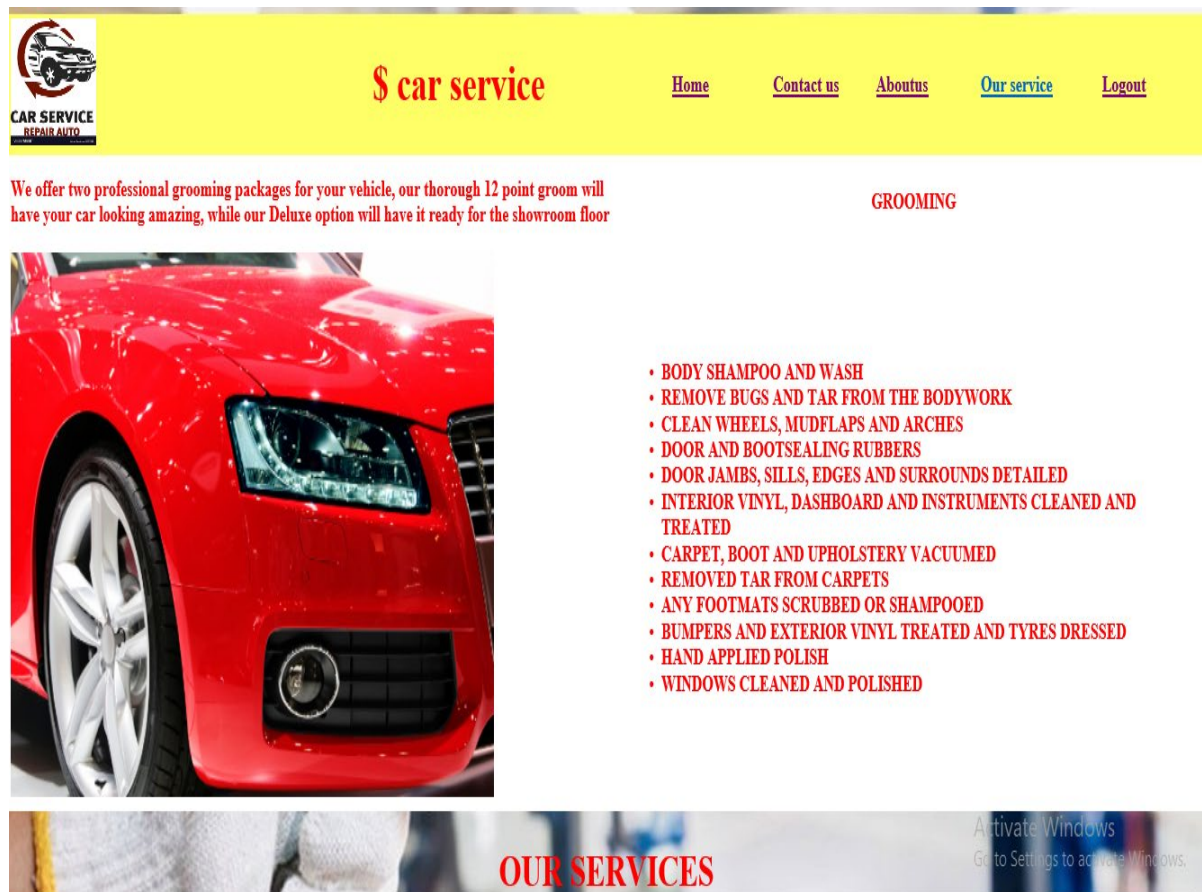


Fig. 5.6 Services Page Screenshot

# **CHAPTER 6**

## **CODING**

### **6.1 HOME PAGE**

```
<html>
<head>
<title>Home Page</title>
<style type="text/css">
<!--
body {
    background-image:
url(carserviceimg/5aa2d6b8dc13f.jpg);
    background-repeat: no-repeat;
    background-attachment: fixed;
}
body,td,th {
    color: #000000;
    font-size: 16px;
}
.style2 {font-size: 16}
.style4 {
    font-size: 36px;
    font-weight: bold;
}
.style5 {font-size: xx-large; font-weight: bold; }
.style6 {font-size: larger}
.style7 {
    font-size: 36px;
```

```

        font-style: italic;
    }
-->
</style></head>
<body>
<table width="1330" height="100" border="0">
    <tr>
        <td width="508" height="94"><span class="style4"> $car</span></td>
        <td width="603"><span class="style2"><strong>Call
us:</strong> <strong>9988776655</strong></span></td>
        <td width="205"><a href="Login.html"><a
href="Login.jsp"></td>
    </tr>
</table>
<p>&nbsp;</p>
<p align="right">
    <a href="Feedback.jsp"><input name="Feedback"
type="submit" id="Feedback" value="Feedback"></a>
</p>
<table width="1330" height="39" border="0">
    <tr>
        <td><p align="center" class="style4">Best Doorstep
Car Service</p>
        <p align="center" class="style5">@Home
Service</p>
        <h5 align="center" class="style6" _ngcontent-

```

c8="">Service At Your Place, Your Time. 7 Days A  
Week. Fair And Transparent Pricing.</h5> <p>&nbsp;</p></td>

</tr>

</table>

<p>&nbsp;</p>

<table width="1330" height="134" border="0">

<tr>

<td height="128"><h3 align="center" class="style7"  
\_ngcontent-c14="">\$car is the most trusted car service  
provider online.</h3>

<h4 align="center" class="style7" \_ngcontent-  
c14="">Transparent. Economical.  
Convenient.</h4></td>

</tr>

</table>

<table width="1330" height="645" border="0">

<tr>

<td width="1311" height="641"><p></p>

<p></p></td>

</tr>

</table>

<table width="1330" height="33" border="0">

<tr>

<td><div align="center">

<p class="style4">SERVICE WE OFFERED </p>

<p class="style4"><img  
src="carserviceimg/Screenshot (11).png" width="1338"



```
height="518" /></p>
  </div></td>
</tr>
</table>
</table>
<div align="center"><strong>&copy; Copyright 2019
$car Service LTD</strong></div>
</body>
</html>
```

## 6.2 LOGIN PAGE

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Login V19</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
```

```
<!--
```

```
=====
```

```
=====-->
```

```
    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
    <link    rel="stylesheet"    type="text/css"    href="fonts/font-awesome-4.7.0/css/font-  
awesome.min.css">
```

```
<!--
```

```
=====
```

```
=====-->
```

```
    <link    rel="stylesheet"    type="text/css"    href="fonts/Linearicons-Free-v1.0.0/icon-  
font.min.css">
```

```

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="vendor/animation/css/animation.min.css">

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="vendor/daterangepicker/daterangepicker.css">

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="css/util.css">

<link rel="stylesheet" type="text/css" href="css/main.css">

```

```

<!--
=====

=====-->

<meta http-equiv="Content-Type" content="text/html; charset=utf-8"><style type="text/css">

<!--

body {

    background-image: url(carserviceimg/5aa2d6b8dc13f.jpg);

}

-->

</style></head>

<body>

    <div class="limiter">

        <div class="container-login100">

            <table width="1330" height="100" border="0">

                <tr>

                    <td width="533" height="94"><span class="style4"> $car</span></td>

                    <td width="704"><span class="style2"><strong>Call us:</strong> <strong>9988776655</strong></span></td>

                    <td width="79"><a href="Home.jsp"></td>

                </tr>

```

</table>

<p>&nbsp;</p>

<div class="wrap-login100 p-l-55 p-r-55 p-t-65 p-b-50">

<form action="Userloginconnection.jsp">

<span class="login100-form-title p-b-33"> Account Login </span>

<div class="wrap-input100 validate-input" data-validate = "Valid email is required: ex@abc.xyz">

<input class="input100" type="text" name="t1" placeholder="Email" required>

<span class="focus-input100-1"></span> <span class="focus-input100-2"></span>

</div>

<div class="wrap-input100 rs1 validate-input" data-validate="Password is required">

<input class="input100" type="password" name="t2" placeholder="Password" required>

<span class="focus-input100-1"></span> <span class="focus-input100-2"></span>

</div>

<div class="container-login100-form-btn m-t-20">

<button class="login100-form-btn"> Sign in </button>

</div>

<div class="text-center"> <span class="txt1"> Create an account? </span> <a href="#" class="txt2 hov1"> <a href="Signup.jsp">Sign up </a> </div>

</form>

</div>

</div>

</div>

```

<!--
=====
=====-->

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<!--
=====
=====-->

<script src="vendor/animstation/js/animstation.min.js"></script>

<!--
=====
=====-->

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<!--
=====
=====-->

<script src="vendor/select2/select2.min.js"></script>

<!--
=====
=====-->

<script src="vendor/daterangepicker/moment.min.js"></script>

<script src="vendor/daterangepicker/daterangepicker.js"></script>

<!--
=====
=====-->

<script src="vendor/countdowntime/countdowntime.js"></script>

```

<!--

=====

=====-->

<script src="js/main.js"></script>

</body></html>

## 6.3 SIGN UP OR REGISTER PAGE

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>Login V13</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

<!--
=====
=====-->

    <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="vendor/bootstrap/css/bootstrap.min.css">

<!--
=====
=====-->

    <link    rel="stylesheet"    type="text/css"    href="fonts/font-awesome-4.7.0/css/font-
awesome.min.css">

<!--
=====
=====-->

    <link    rel="stylesheet"    type="text/css"    href="fonts/Linearicons-Free-v1.0.0/icon-
font.min.css">
```



```

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="fonts/iconic/css/material-design-iconic-
font.min.css">

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="vendor/animate/animate.css">

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="vendor/css-
hamburgers/hamburgers.min.css">

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="vendor/animation/css/animation.min.css">

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="vendor/select2/select2.min.css">

<!--
=====
=====-->

    <link rel="stylesheet" type="text/css" href="vendor/daterangepicker/daterangepicker.css">

```

```

<!--
=====
=====-->

<link rel="stylesheet" type="text/css" href="css/util.css">

<link rel="stylesheet" type="text/css" href="css/main.css">

<!--
=====
=====-->

</head>

<body style="background-color: #999999;">

    <div class="limiter">

        <div class="container-login100">

            <div class="login100-more" style="background-image: url('images/bg-
01.jpg');">

                <p>&nbsp;</p>

                <table width="1330" height="100" border="0">

                    <tr>

                        <td width="508" height="94"><span class="style4"> $car</span></td>

                        <td width="730"><span class="style2"><strong>Call us:</strong><strong>9988776655</strong></span></td>

                        <td width="78"><a href="Login.html"><a href="Home.jsp"></td>

```

```

</tr>

</table>

</div>

<div class="wrap-login100 p-l-50 p-r-50 p-t-72 p-b-50">

    <form method="post" action="Signupconnection.jsp" >

        <span class="login100-form-title p-b-59">

            Sign Up

        </span>

        <div class="wrap-input100 validate-input" data-
validate="Name is required">

            <span class="label-input100">Full Name</span>

            <input class="input100" type="text" required
name="t1" placeholder="Name...">

            <span class="focus-input100"></span>

        </div>

        <div class="wrap-input100 validate-input" data-validate =
"Valid email is required: ex@abc.xyz">

            <span class="label-input100">Email</span>

            <input class="input100" type="text" required
name="t2" placeholder="Email address...">

            <span class="focus-input100"></span>

```

</div>

<div class="wrap-input100 validate-input" data-validate="Username is required">

<span class="label-input100">Username</span>

<input class="input100" type="text" required  
name="t3" placeholder="Username...">

<span class="focus-input100"></span>

</div>

<div class="wrap-input100 validate-input" data-validate =  
"Password is required">

<span class="label-input100">Password</span>

<input class="input100" type="text" required  
name="t4" placeholder="\*\*\*\*\*">

<span class="focus-input100"></span>

</div>

<div class="flex-m w-full p-b-33">

<div class="contact100-form-checkbox">

<span class="txt1">

hov1">

<a href="#" class="txt2

</a>

</span>

</label>

</div>

</div>

<div class="container-login100-form-btn">

<div class="wrap-login100-form-btn">

<div class="login100-form-bgbtn"></div>

<button class="login100-form-btn">

Sign Up

</button>

</form>

</div>

</div>

</div>

```

<!--
=====
=====-->

<script src="vendor/jquery/jquery-3.2.1.min.js"></script>

<!--
=====
=====-->

<script src="vendor/animstation/js/animstation.min.js"></script>

<!--
=====
=====-->

<script src="vendor/bootstrap/js/popper.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

<!--
=====
=====-->

<script src="vendor/select2/select2.min.js"></script>

<!--
=====
=====-->

<script src="vendor/daterangepicker/moment.min.js"></script>

<script src="vendor/daterangepicker/daterangepicker.js"></script>

<!--
=====
=====-->

<script src="vendor/countdowntime/countdowntime.js"></script>

```

<!--

=====

=====-->

<script src="js/main.js"></script>

</body></html>

## 6.4 Contact us Page

```
<%@page contentType="text/html"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type"
content="text/html; charset=utf-8">
    <title>JSP Page</title>
    <style type="text/css">
<!--
.style1 {      font-size: 36px;
      font-weight: bold;
}
body {
      background-image:
url(carserviceimg/5aa2d6b8dc13f.jpg);
      background-repeat: no-repeat;
      background-attachment: fixed;
}
-->
    </style>
  </head>
  <body>
    <table width="1330" height="100" border="0"
bgcolor="#FFFF66" background-repeat: no-repeat;
background-attachment: fixed;background>
      <tr>
        <td width="393" height="94"
```



```
bgcolor="#FFFF66"></td>
```

```
<td width="325" bgcolor="#FFFF66"><span
class="style1">$ car service </span></td>
```

```
<td width="107"
bgcolor="#FFFF66"><strong><a
href="Mainpage.jsp">Home </a></strong></td>
```

```
<td width="109"
bgcolor="#FFFF66"><strong><a
href="Contactus.jsp">Contact us </a></strong></td>
```

```
<td width="111" bgcolor="#FFFF66"><strong>
<a href="Aboutus.jsp">
Aboutus</a></strong></td>
```

```
<td width="129" bgcolor="#FFFF66"><strong>
<a
href="Ourservices.jsp">Ourservice</a></strong></td>
```

```
<td width="110"
bgcolor="#FFFF66"><strong><a
href="Home.jsp">Logout</a> </strong></td>
```

```
</tr>
</table>
```

```
<p>&nbsp;</p>
```

```
<table width="1330" height="41" border="0">
<tr>
<td align="center"></td>
```

```
</tr>
</table>
```

```
<h1>&nbsp;</h1>
```

```
<table width="1330" height="203" border="0"
```

```

bgcolor="#FFFFFF">
    <tr>
        <td width="443" bgcolor="#FFFFFF"><p
width="151" height="117"></div></td>
        <td width="423" bgcolor="#FFFFFF"><div
align="center"></div></td>
    </tr>
    <tr>
        <td
            bgcolor="#FFFFFF"><p
align="center"><em><strong>Building
No.167</strong></em></p>
            <p align="center"><em><strong>2nd
Floor</strong></em></p>
            <p align="center"><em><strong>Duhai
,Ghaziabad,200079 </strong></em></p></td>
        <td
            bgcolor="#FFFFFF"><div
align="center"><em><strong>$carservices1232yahoo.co
m</strong></em></div></td>
    </tr>
</table>
<table width="1330" height="29" border="0"
bordercolor="#000000" bgcolor="#FFFFFF">
    <tr>
        <td width="53" height="21">&nbsp;</td>
        <td width="53">&nbsp;</td>
        <td
            width="249"><strong><a
href="Home.jsp">Home</a></strong></td>
        <td
            width="380"><strong><a
href="Aboutus.jsp">About us </a></strong></td>
        <td
            width="326"><strong><a

```

```
href="Contactus.jsp">Contact us</a> </strong></td>
    <td width="166"><strong><a href="Ourservices">Our
service </a></strong></td>
    </tr>
    <tr>
    </tr>
</table>
    <div align="center"><strong>&copy; Copyright
2019 $car Service LTD</strong></div>
</body>
</html>
```

## 6.5 ABOUT US PAGE

<%--

Document : Aboutus

Created on : Apr 5, 2019, 8:31:36 AM

Author : \$uhail

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>JSP Page</title>

<style type="text/css">

<!--

.style1 {

font-size: 36px;

font-weight: bold;

}

.style3 {font-size: 36px; font-weight: bold; font-style: italic; }

-->

</style>

</head>

```

<body>

    <table width="1330" height="100" border="0" bgcolor="#FFFF66" background-repeat:
no-repeat;
background-attachment: fixed;background>

    <tr>

        <td width="393" height="94" bgcolor="#FFFF66"></td>

        <td width="325" bgcolor="#FFFF66"><span class="style1">$ car service </span></td>

        <td width="107" bgcolor="#FFFF66"><strong><a href="Mainpage.jsp">Home
</a></strong></td>

        <td width="109" bgcolor="#FFFF66"><strong><a href="Contactus.jsp">Contact us
</a></strong></td>

        <td width="111" bgcolor="#FFFF66"><strong>

        <a href="Aboutus.jsp">Aboutus</a></strong></td>

        <td width="129" bgcolor="#FFFF66"><strong>

        <a href="Ourservices.jsp"> Our service</a></strong></td>

        <td width="110" bgcolor="#FFFF66"><strong><a href="Home.jsp">Logout</a>
</strong></td>

    </tr>

</table>

<table width="1330" height="44" border="0">

    <tr>

        <td><h1 align="center" _ngcontent-c8=""><u>Know About Us</u></h1>

```

`<p align="center" _ngcontent-c8="">`How would you like to spend your weekends?  
Ruining your day running to car workshops or relaxing and having a great time with family  
while your car gets all the care it deserves. `<br _ngcontent-c14="">`

`<br _ngcontent-c14="">`

Well, we already guessed your answer. `<br _ngcontent-c14="">`

`<br _ngcontent-c14="">`

We understand the value of your time and money. With `<span class="style3">`\$ car  
service`</span>` you can get your car serviced at doorstep with minimum effort and time. We  
believe that car care should be transparent, convenient, trustworthy and hassle free. `<br  
_ngcontent-c14="">`

`<br _ngcontent-c14="">`

You can relax knowing that our team of mechanics have the experience it takes to get you  
the best car service right at your doorstep. In today's time when everything is possible with a  
click of a button then why worry about your car issues? `<br _ngcontent-c14="">`

`<br _ngcontent-c14="">`

With our Doorstep service start spending no time in workshops and more time on things  
that matter. `<br _ngcontent-c14="">`

`<br _ngcontent-c14="">`

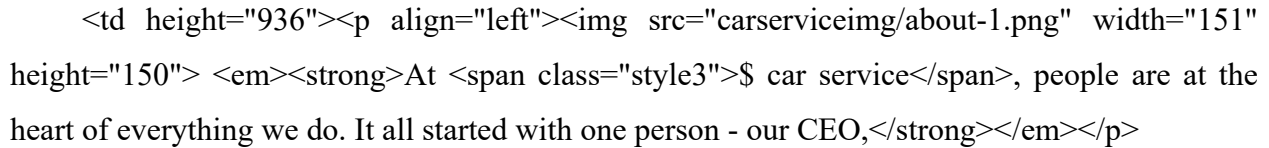
Contact us a `<span class="style3">`\$ car service`</span>` at Doorstep and never worry about  
your car issues again. `</p></td>`

`</tr>`

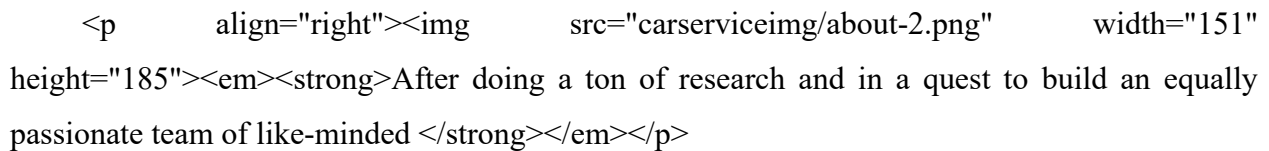
`</table>`

`<table width="1330" height="942" border="0">`

`<tr>`

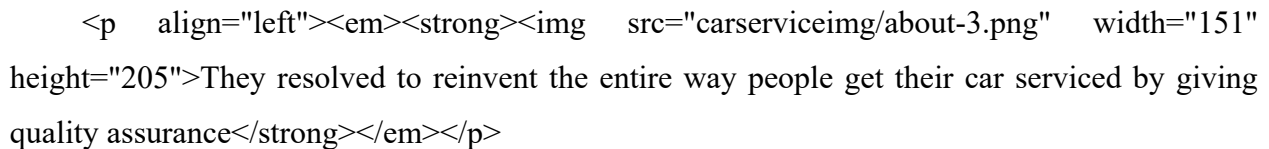
At \$ car service, people are at the heart of everything we do. It all started with one person - our CEO,

Suhail khan- and his horrible car service experience like many others.

After doing a ton of research and in a quest to build an equally passionate team of like-minded

individuals, suhail khan, both serial entrepreneurs obsessed with breaking down complex

problems, and together they vowed no one should ever have that bad experience again.

They resolved to reinvent the entire way people get their car serviced by giving quality assurance

for genuineness of parts, creating a fair and transparent ecosystem, providing service at

economical price and bringing convenience at the touch of fingertips. Thus, \$ car service was born.

```

</table>

<table width="1330" height="29" border="0" bordercolor="#000000"
bgcolor="#FFFFFF">

<tr>

<td width="56" height="21">&nbsp;</td>

<td width="249"><strong><a href="Home.jsp">Home</a></strong></td>

<td width="380"><strong><a href="Aboutus.jsp">About us </a></strong></td>

<td width="326"><strong><a href="Contactus.jsp">Contact us</a> </strong></td>

<td width="166"><strong><a href="Ourservices.jsp"><strong>Our
service</a></strong></td>

<td width="63">&nbsp;</td>

</tr>

<tr>

</table>

<div align="center"><strong>&copy; Copyright 2019 $car Service LTD</strong></div>

</body>

</html>

```



## 6.6 OUR SERVICES

<%--

Document : Ourservices

Created on : Apr 5, 2019, 8:51:07 AM

Author : \$uhail

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<title>JSP Page</title>

<style type="text/css">

<!--

.style2 {

font-size: 36px;

font-weight: bold;

}

body {

background-image: url(carserviceimg/5aa2d6b8dc13f.jpg);

background-repeat: no-repeat;

```

background-attachment: fixed;

}

body,td,th {

    color: #FF0000;

}

-->

</style>

</head>

<body>

    <table width="1330" height="100" border="0" bgcolor="#FFFF66" background-repeat:
no-repeat;

background-attachment: fixed;background>

    <tr>

        <td width="393" height="94" bgcolor="#FFFF66"></td>

        <td width="325" bgcolor="#FFFF66"><span class="style2">$ car service </span></td>

        <td width="107" bgcolor="#FFFF66"><strong><a href="Mainpage.jsp">Home
</a></strong></td>

        <td width="109" bgcolor="#FFFF66"><strong><a href="Contactus.jsp">Contact us
</a></strong></td>

        <td width="111" bgcolor="#FFFF66"><strong>

            <a href="Aboutus.jsp">

Aboutus</a></strong></td>

        <td width="129" bgcolor="#FFFF66"><strong>

```

```

        <a href="Ourservices.jsp">

Our service</a></strong></td>

<td width="110" bgcolor="#FFFF66"><strong><a href="Home.jsp">Logout</a>
</strong></td>

</tr>

</table>

<table width="1330" height="465" border="0" bgcolor="#FFFFFF">

<tr>

<td width="679" bgcolor="#FFFFFF"><strong>We offer two professional grooming
packages for your vehicle, our thorough 12 point groom will have your car looking amazing,
while our Deluxe option will have it ready for the showroom floor</strong></td>

<td width="641" bgcolor="#FFFFFF"><div align="center"><strong>GROOMING</strong></div></td>

</tr>

<tr>

<td height="396" bgcolor="#FFFFFF"></td>

<td bgcolor="#FFFFFF"><ul>

<li><strong>BODY SHAMPOO AND WASH</strong></li>

<li><strong>REMOVE BUGS AND TAR FROM THE BODYWORK</strong></li>

<li><strong>CLEAN WHEELS, MUDFLAPS AND ARCHES</strong></li>

<li><strong>DOOR AND BOOTSEALING RUBBERS</strong></li>

<li><strong>DOOR JAMBS, SILLS, EDGES AND SURROUNDS
DETAILED</strong></li>

```

<li><strong>INTERIOR VINYL, DASHBOARD AND INSTRUMENTS CLEANED  
AND TREATED</strong></li>

<li><strong>CARPET, BOOT AND UPHOLSTERY VACUUMED</strong></li>

<li><strong>REMOVED TAR FROM CARPETS</strong></li>

<li><strong>ANY FOOTMATS SCRUBBED OR SHAMPOOED</strong></li>

<li><strong>BUMPERS AND EXTERIOR VINYL TREATED AND TYRES  
DRESSED</strong></li>

<li><strong>HAND APPLIED POLISH</strong></li>

<li><strong>WINDOWS CLEANED AND POLISHED</strong></li>

</ul>

</td>

</tr>

</table>

<table width="1330" border="0">

<tr>

<td><h1 align="center">OUR SERVICES</h1></td>

</tr>

</table>

<p>&nbsp;</p>

<table width="1349" height="797" border="0">

<tr>

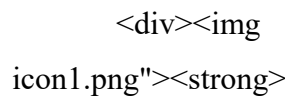
<td width="1339" height="516"><div>

<div>

**At Motorworx Services, we're proud to have the ability and resources to repair or service any and all components of European and Japanese vehicles. Whether it's something as simple as an oil change or something more involved, we're here and happy to help.**

**Below we have listed several of the services that we offer – if you don't see what you need here, call us 04 3850060 for further information.**

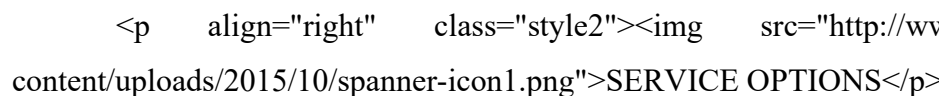
We look forward to meeting you!



At Motorworx Services, we're proud to have the ability and resources to repair or service any and all components of European and Japanese vehicles. Whether it's something as simple as an oil change or something more involved, we're here and happy to help.

**Below we have listed several of the services that we offer – if you don't see what you need here, call us 04 3850060 for further information.**

**We look forward to meeting you!**

 SERVICE OPTIONS

**We offer three types of servicing options;** **Basic servicing, premium servicing, Diesel servicing**

<div>

<p><strong>In the event that your vehicle does act up or leave you stranded, we're here to help. We can repair or </strong></p>

<p><strong>replace any and all parts on your vehicle including starters, alternators, fuel pumps, water pumps, and much more – you name it, we can fix it.</strong></p>

</div>

<p>&nbsp;</p>

<p><strong>OIL & FILTER CHANGE</strong></p>

<p><strong>We use quality oil and filters for each of our oil changes. We also check over your vehicle to help identify any potential items</strong></p>

<p><strong> that may need service or repair in the near future so you can keep your vehicle running in top shape</strong></p>

<p>&nbsp;</p>

<h4 align="right">&nbsp;</h4> <p align="right"><strong>AIR FILTER CHANGE</strong> </p>

<p align="right"><strong>It is essential that your vehicle is able to 'breathe' and a dirty air filter can keep this from happening properly.</strong></p>

<p align="right"><strong> Let us help by changing your air filter next time you're in for service.</strong></p>

<p align="right">&nbsp;</p>

<h4>BELT REPLACEMENT </h4>

<p><strong>There are a wide array of belts that need changing from time to time throughout the life of your vehicle – serpentine, timing and more. </strong></p>

<p><strong>We're here to help replace any belt in your vehicle</strong></p>

<h4></h4>

<p><br>

<br>

</p>

<h4 align="right">TIMING BELT OR CAM BELT </h4>

<p align="right"><strong>This is another area we can't stress enough that when your timing belt or cam belt needs replacing please make sure you get it done immediately by professionals.</strong></p>

<p align="right"><strong> This is not a job for the un-professionals.<br>

<br>

<br>

</strong></p>

<h4>RADIATOR FLUID FLUSH </h4>

<p><strong>We can help flush out your radiator and radiator fluid as a part of your vehicle's maintenance program.</strong></p>

<h4></h4>

<p><br>

<br>

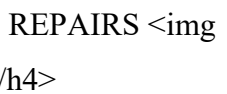
</p>

<h4 align="right">POWER STEERING FLUID FLUSH </h4>

**Over time the fluids in your vehicle can become grimy and gunky. We're here to help replace these as needed.**

**BRAKES** 

**From the brake pedal to hydraulic brake fluid, brake master cylinder to power brake booster, drum brakes to disc brakes and anti-lock brake sensors, the experts at European Automotive service have the knowledge, parts, and experience to have you safely back on the road in no time**

**SUSPENSION** **REPAIRS** 

**We can't stress enough how important it is to get any suspension repairs done by experienced mechanics with a solid reputation and extensive knowledge. Your safety and your families' safety depend on it.**

**If things start to go wrong with your suspension (you may notice your car's handling will seem a bit off, or you notice vibrations and noises that weren't there before) then you need a highly qualified team who will replace parts like springs, shocks and steering parts etc. Our repairs are of the highest quality to suit all budgets.**



</p>

<h4>BATTERIES</h4>

<p><strong>The life span of a car battery varies. A regular check to make sure your battery acid level is topped up is recommended, as are other maintenance checks on your vehicle. When you need a battery replaced you can count on us to not only give you the correct advice on the right battery for your vehicle but a service that won't let you down. A quick, reliable friendly service that gets the job done right when you need it.</strong></p>

<h4></h4>

<p><br>

<br>

</p>

<h4 align="right">AIR CONDITIONING</h4>

<p align="right"><strong>Air conditioning units have Cabin filters that work to clean the air of dust and pollen so the air you breathe is kept clean, as well as making sure the airflow in the vehicle is comfortable for the driver and all passengers. Your air filters can become clogged with dust and pollen and therefore the filters stop doing their job i.e. keeping the air clean and flowing.</strong></p>

<p align="right"><strong>Most people aren't even aware that these cabin filters need checking and when necessary, the cabin filters will need to be replaced to ensure the air quality is clean and fresh.</strong></p>

<p align="right"><strong>If you and/or your family suffer with any sort of dust allergy, hay fever or asthma then we recommend you get your cabin filters checked regularly. Even if you don't, it is advised your filters are checked at least once a year. You will immediately notice a greater quality of air and airflow in your vehicle.</strong></p>

<p><br>

<br>

</p>

<h4>SEATBELTS </h4>

<p><strong>Sometimes seat belts suffer wear and tear and need repairing or replacing. We will assess the seatbelt and give you our honest advice on what we know is best. We can offer a range of options to suit your requirements, based on years of experience and a name you can trust. We help you make the right decision when it comes to repairing or replacing your seatbelt. Our seatbelt repair or replacement service gives you the assurance you need.</strong></p>

<h4></h4>

<p><br>

<br>

</p>

<h4 align="right">WARRANT OF FITNESS</h4>

<p align="right"><strong>A warrant of fitness is a safety inspection on your vehicle. Safety and quality is our number one priority. Our trusted team won't cut any corners when it comes to safety checks. From brakes to steering and suspension we ensure the highest, quality controlled check up on your vehicle</strong></p>

<p align="right"><br>

<br>

</p>

<h4>TYRES </h4>

**We are equipped with quality tyre fitting and balancing machines. We can remedy all tyre wear or handling problems for larger vehicles using our quality wheel alignment machine on our wide body hoist. We can access all brands of tyres at competitive prices, recommending the correct tyre to your driving style**

**AIR CONDITIONING**

**Air conditioning units have Cabin filters that work to clean the air of dust and pollen so the air you breathe is kept clean, as well as making sure the airflow in the vehicle is comfortable for the driver and all passengers. Your air filters can become clogged with dust and pollen and therefore the filters stop doing their job i.e. keeping the air clean and flowing.**

**Most people aren't even aware that these cabin filters need checking and when necessary, the cabin filters will need to be replaced to ensure the air quality is clean and fresh.**

**If you and/or your family suffer with any sort of dust allergy, hay fever or asthma then we recommend you get your cabin filters checked regularly. Even if you don't, it is advised your filters are checked at least once a year. You will immediately notice a greater quality of air and airflow in your vehicle.**

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

```

<tr>

<td width="53" height="21">&nbsp;</td>

<td width="53">&nbsp;</td>

<td width="249"><strong><a href="Home.jsp">Home</a></strong></td>

<td width="380"><strong><a href="Aboutus.jsp">About us </a></strong></td>

<td width="326"><strong><a href="Contactus.jsp">Contact us</a> </strong></td>

<td width="166"><strong><a href="Ourservices.jsp">Our service</a> </strong></td>

<td width="57">&nbsp;</td>

</tr>

</table>

<div align="center"><strong>&copy; Copyright 2019 $car Service LTD</strong></div>

</body>

</html>

```

## **CHAPTER 7**

### **TESTING**

The aim of the system testing process was to determine all defects in our project .The program was subjected to a set of test inputs and various observations were made and based on these observations it will be decided whether the program behaves as expected or not.

Our Project went through two levels of testing

1. Unit testing
2. Integration testing

#### **7.1 UNIT TESTING**

Unit testing is undertaken when a module has been created and successfully reviewed .In order to test a single module we need to provide a complete environment i.e. besides the module we would require

- The procedures belonging to other modules that the module under test calls
- Non local data structures that module accesses
- A procedure to call the functions of the module under test with appropriate parameters

Unit testing was done on each and every module that is described under module description of chapter 4

##### **6.1.1. Test for the admin module**

- **Testing admin login form**-This form is used for log in of administrator of the system. In this we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask for username and password.

### 6.1.2. Test for Customer login module

- **Test for Customer login Form**-This form is used for log in of Customer .In this we enter the username and password if all these are correct Customer login page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask for , username and password.
- **Test for account creation**- This form is used for new account creation when Customer does not fill the form completely it asks again to fill the whole form when he fill the form fully it gets redirected to page which show waiting for conformation message as his data will be only added by administrator after verification.

## 7.2 INTEGRATION TESTING

In this type of testing, we test various integration of the project module by providing the input. The primary objective is to test the module interfaces in order to ensure that no errors are occurring when one module invokes the other module.

## **CHAPTER 7**

### **BIBLIOGRAPHY**

#### **Books:**

- Beginning Java Objects: From Concepts to Code –by Jacquie Barker)
- Introduction to Java Programming (NIIIT publication)
- The Complete Reference Java(McGraw-Hill; Herbert Schildth- reprint 2008)
- Introduction to MS-Access(Aptech)

#### **Web Sites:**

- [www.apache.org](http://www.apache.org)
- [www.wikipedia.com](http://www.wikipedia.com)
- [http://www.w3schools.com/html/html\\_intro.asp](http://www.w3schools.com/html/html_intro.asp)  
[http://www.w3schools.com/css/css\\_background.asp](http://www.w3schools.com/css/css_background.asp)[http://www.w3schools.com/js/js\\_datatypes.asp](http://www.w3schools.com/js/js_datatypes.asp)

