

**Shalimar Construction Website
(Minor Project-1)**

A Project Report

**Submitted in Partial Fulfillment for the Award of the Degree of Master of
Computer Applications (M.C.A)**

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**BHARATI VIDYAPEETH DEEMED TO BE UNIVERSITY, PUNE
SCHOOL OF DISTANCE EDUCATION, PUNE
Academic Study Center - BVIMR, New Delhi
An ISO9001:2008 Certified Institute
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Student Undertaking

Certificate of Originality

I **Vaibhav Goel, Master of Computer Applications (M.C.A) 2nd Semester** would like to declare that the project report entitled “Shalimar Construction Website” Submitted to Bharati Vidyapeeth University Pune, School of Distance Education Pune, Academic Study Centre BVIMR New Delhi in partial fulfillment of the requirement for the award of the degree.

It is an original work carried out by me under the guidance of “**Dr. Mahesh Sharma**”.

All respected guides, faculty member and other sources have been properly acknowledged and the report contains no plagiarism.

To the best of my knowledge and belief the matter embodied in this project is a genuine work done by me and it has been neither submitted for assessment to the University nor to any other University for the fulfillment of the requirement of the course of study.

Student Name with Signature

Vaibhav Goel

Vaibhav

Preface

I am pleased to introduce the website of Shalimar Construction, a company that has been dedicated to providing high-quality construction services to its clients for many years. Our focus on delivering excellence, attention to detail, and commitment to customer satisfaction have established us as a trusted name in the industry.

This website has been designed to offer our clients easy access to information about our services, projects, and achievements. It provides a user-friendly interface that delivers all the information you need about our company and the services we offer.

I believe that this website will serve as a valuable resource for our clients, partners, and stakeholders. It will allow user to connect with our agents and provide them with the latest updates on our ongoing projects. Additionally, it will give us the opportunity to showcase our capabilities, achievements, and testimonials from our satisfied clients on project tab.

At Shalimar Construction, we are committed to building long-term relationships with our clients by providing exceptional services. We hope that this website will help us achieve this goal by providing you with a comprehensive understanding of our company and the services we offer.

Thank you for choosing Shalimar Construction as your trusted construction partner.

Vaibhav Goel

2228100742

MCA 1st YEAR SEM II

Acknowledgement

“SHALIMAR CONSTRUCTION WEBSITE”

Firstly, I would like to extend my sincere thanks to my guide “**Dr. Mahesh Sharma**”, for his valuable guidance, insightful feedback, and continuous support throughout this project. His expertise and advice have been invaluable in shaping my work and improving its quality.

I would like to express my appreciation to Bharati Vidyapeeth University for providing me with the necessary facilities and resources to carry out this project. Their support has been vital to the progress of this work, and I am grateful for their assistance.

Finally, I would like to thank my family and friends for their unwavering support, encouragement, and understanding throughout this journey. Their motivation and love have kept me going and inspired me to pursue my goals.

Thank you for your contributions and support so far. I look forward to completing this project and sharing the final report with you.

Vaibhav Goel

2228100742

MCA 1st YEAR SEM II

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Chapter-1

Introduction of Software

Now, in every field and every work can be done by computers and machines which can run on hardware and hardware follows the instructions given by the software. Software is now becoming an essential part of our life. For Example- In Schools, offices, colleges and many other places which have a huge number of people or candidates have to record the personal data of an individual, contracts, projects, assignments, attendance, mode of payment, etc.

Shalimar Construction Website is a website that handles the construction company of Shalimar Construction which is only for project purpose. This website is a front-end development project which carries out by me in coming days with HTML5, CSS & JavaScript.

This website contains all the information and contacts which is sufficient for a viewer just like our projects, media, login through page and many more.

This is also connected user to all our social media pages like our account on Facebook, Twitter, Gmail, and YouTube and also display current date and time in bottom of the site.

This website Contains the following Tabs in bottom of the site and just above the current date and time.

- Home
- About Us
- Contact Us
- Login
- Projects

Chapter-2

Software Analysis

2.1 Software Used:

In this we will discuss that by software the following software can be developed and how it can be used .

I can developed the Shalimar Construction Website with the help of notepad which is used by so many schools , institutes, colleges and Universities for learning and implementing web programming . This software can compile the both text files and web pages source codes by saving the text file with extension “filename.txt” and by saving the web page type file with extension “filename.html”.

This Software can easily run on any computer or laptop which has the web browser software and compile it easily so that one can use this developed software. We can also use the JavaScript and CSS in this Software to run the Developed software and take a précised output after successful compilation of software source code.

2.2 Hardware Used:

In this Module we can discuss that what type of hardware configuration is good for running our developed software and how it differs from system to system.

We can run the developed software on any hardware Configuration which is higher than 2007 developed window or iOS. We can compile the following software source code on any operating system which supports web browser and notepad and the operating system which does not supports this then we have to do some changes like directories to compile and successfully run them.

If we cannot change the above changes then this will create a problem due to which errors are came and it is difficult to handle the software for user but developer can apply these changes so that the user cannot by dissatisfied.

Chapter-3

System Design

3.1 System Design.

In System Design, we can explain that how our website looks and which tabs are there. The following tabs also includes their functioning which we planned for them.

1. HOME- On clicking on HOME tab, user can directed to Home page of our website which contains an introductory part of the company and all the other tabs in bottom with live time and date in Indian Standard Format.
2. ABOUT US-On clicking this tab, user can directed to about us tab which tells us about the information and history of the company.
3. CONTACT US- On clicking this tab user can go to the tab where they can find the contacts to our agents, reception and manager information with their relevant contact numbers and e-mail ID's. Reception details like Contact Number and reception id is also there. We also plan to add on the Manager details and their reference.
4. LOGIN – On clicking this tab, user can direct to login page where they can login by their social media accounts or signup by entering their basic details for further login.
5. PROJECTS- On clicking this tab, viewer can view the projects that was constructed by the company like Apartments, luxury Hotels, Highways, and other projects with their basic details.

3.2 Screen Design.

Our Main tab is in the below on website which contains tabs, social media logo`s which was connected to the social media pages, current date with time in IST.

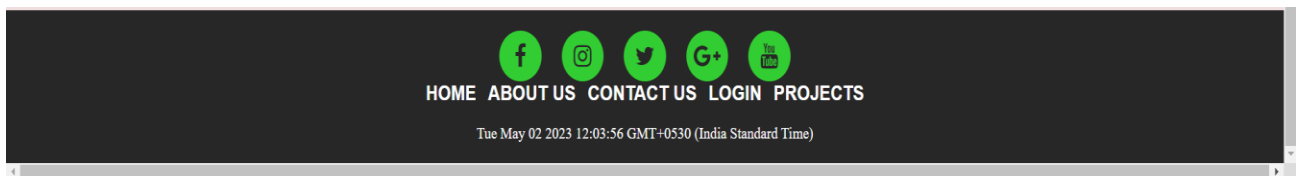


Fig 3.1- Main Tab.

1. HOME Page.

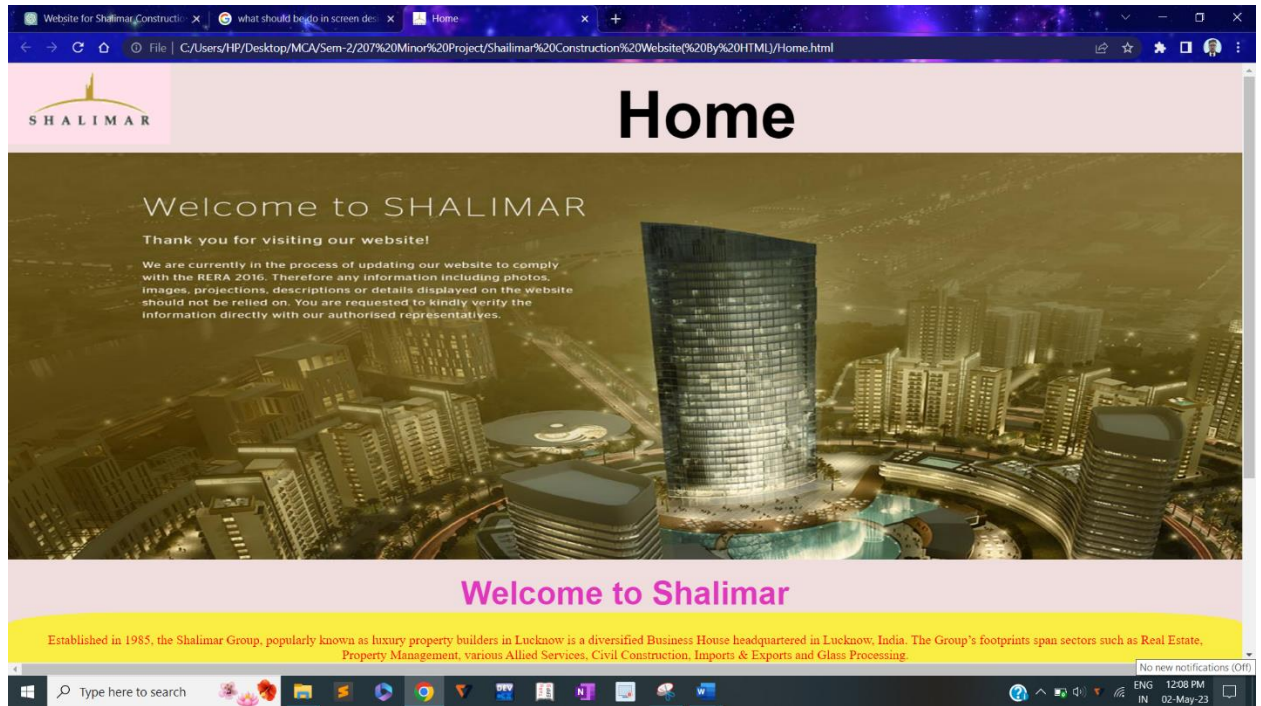


Fig 3.2- Layout of Home Page.

2. ABOUT US Page.

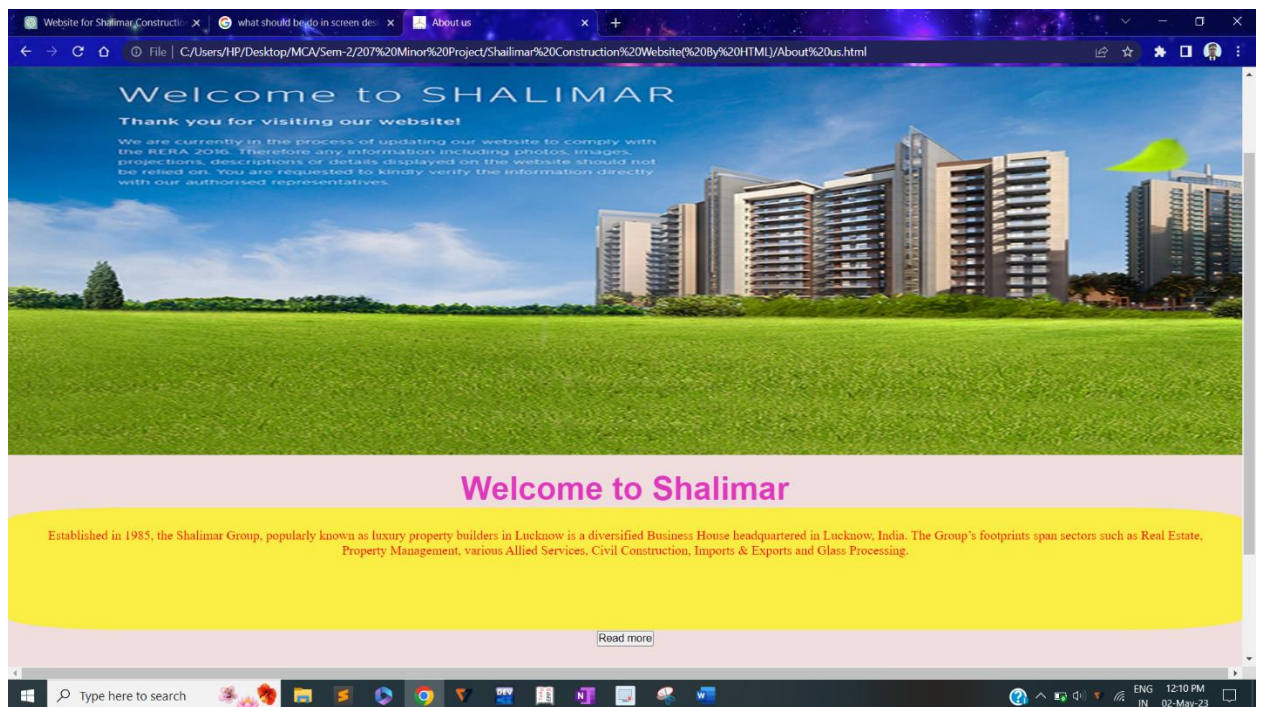


Fig 3.3- Layout of About us Page.

When we Click on read more button, the following page will appear as shown in fig on next page.

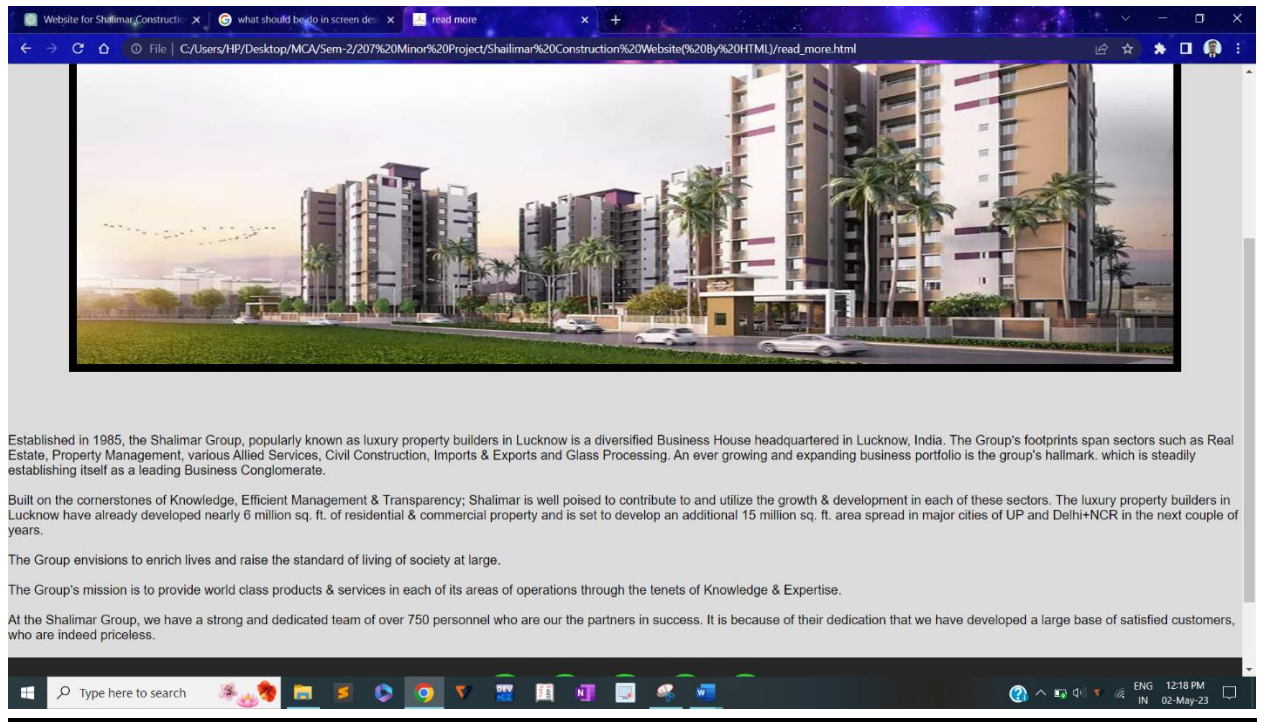


Fig 3.4- Layout after clicking on read more button.

3. CONTACT US Page.

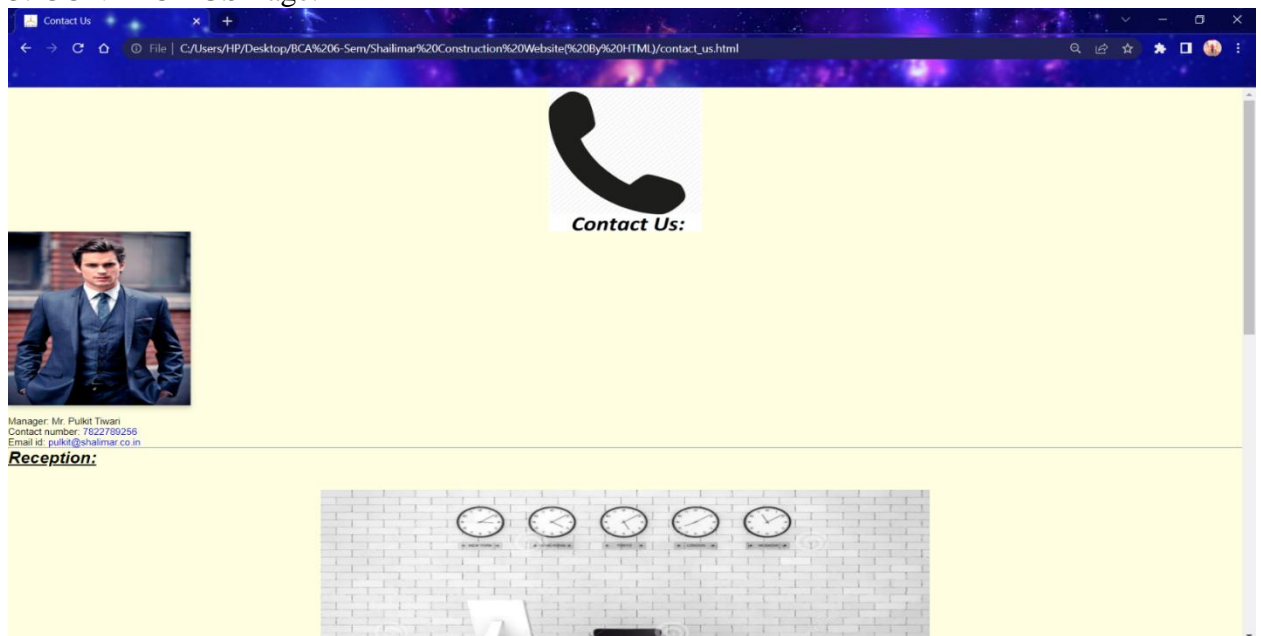


Fig-3.5 Contact Page (top Side)

When we take our arrow on image of manger it flips like a card and we saw the following change as seen in fig-3.6.

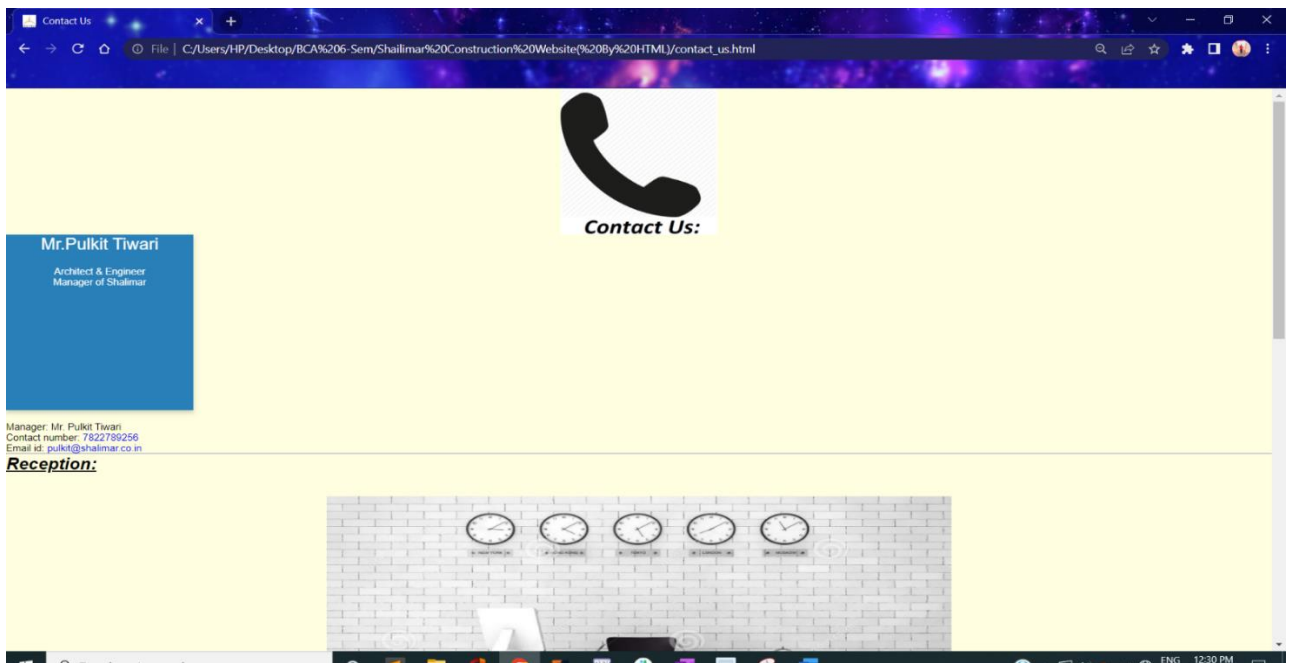


Fig-3.6 Contact Page (top Side) with flip change.

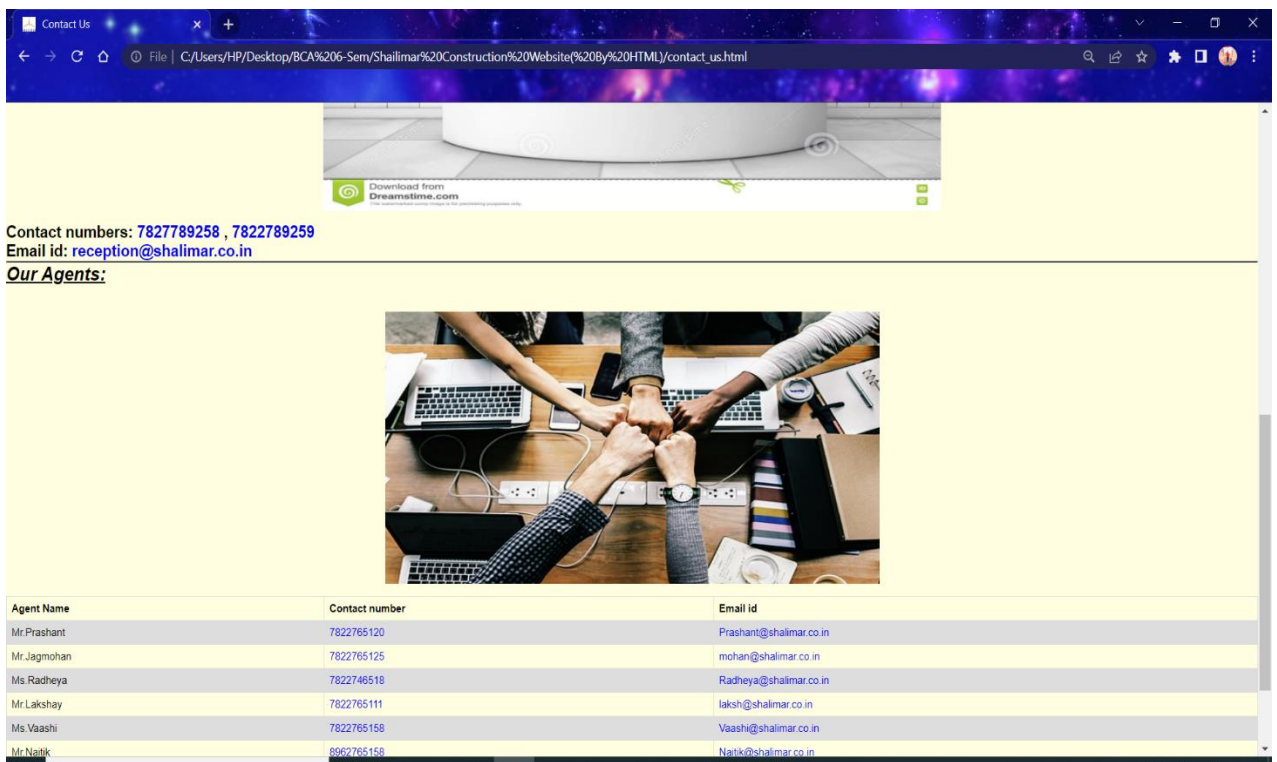


Fig-3.7 Contact Page (Bottom Side)

4. LOGIN Page.

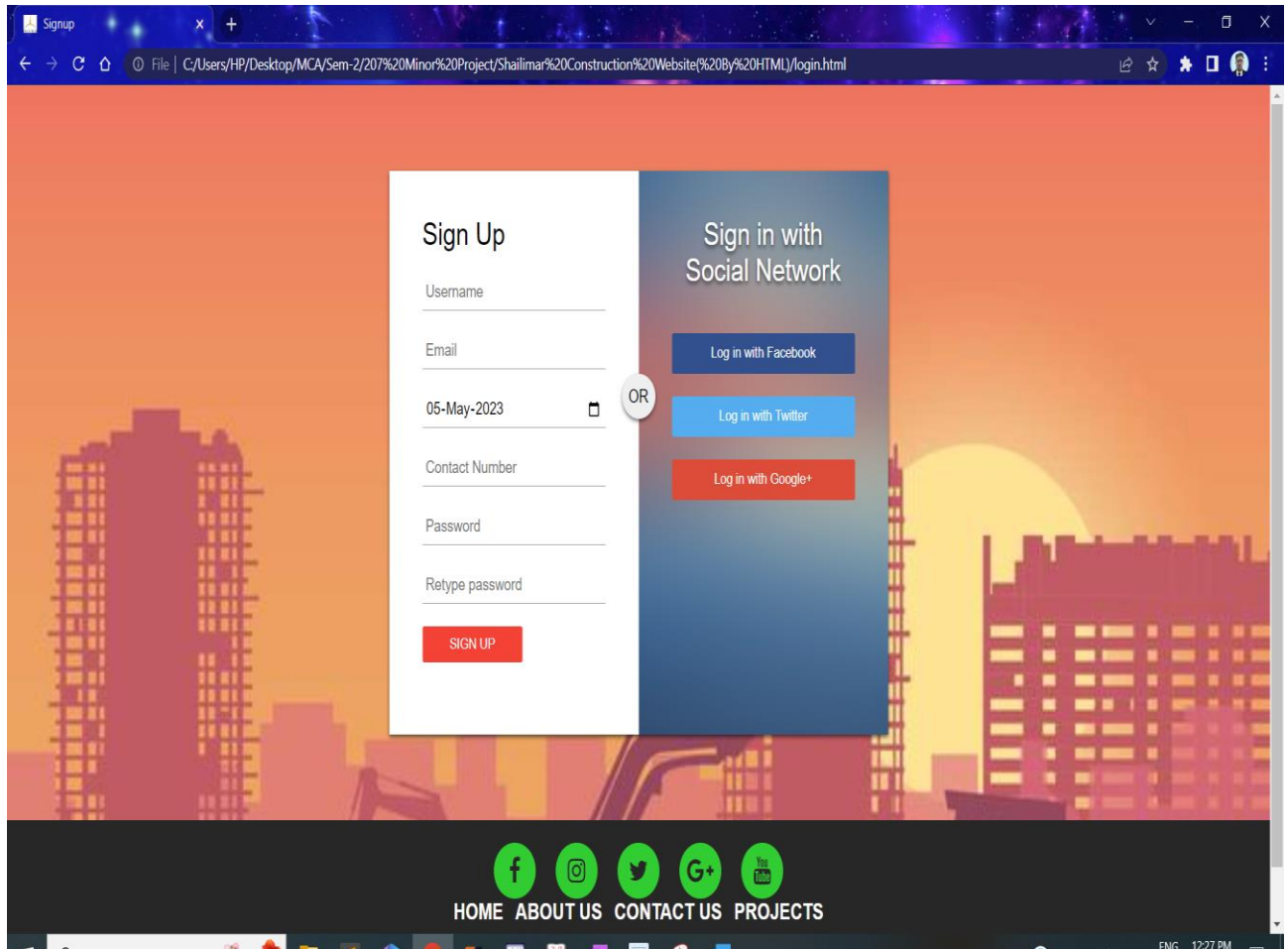


Fig-3.8 Login Page.

6. PROJECTS Page.

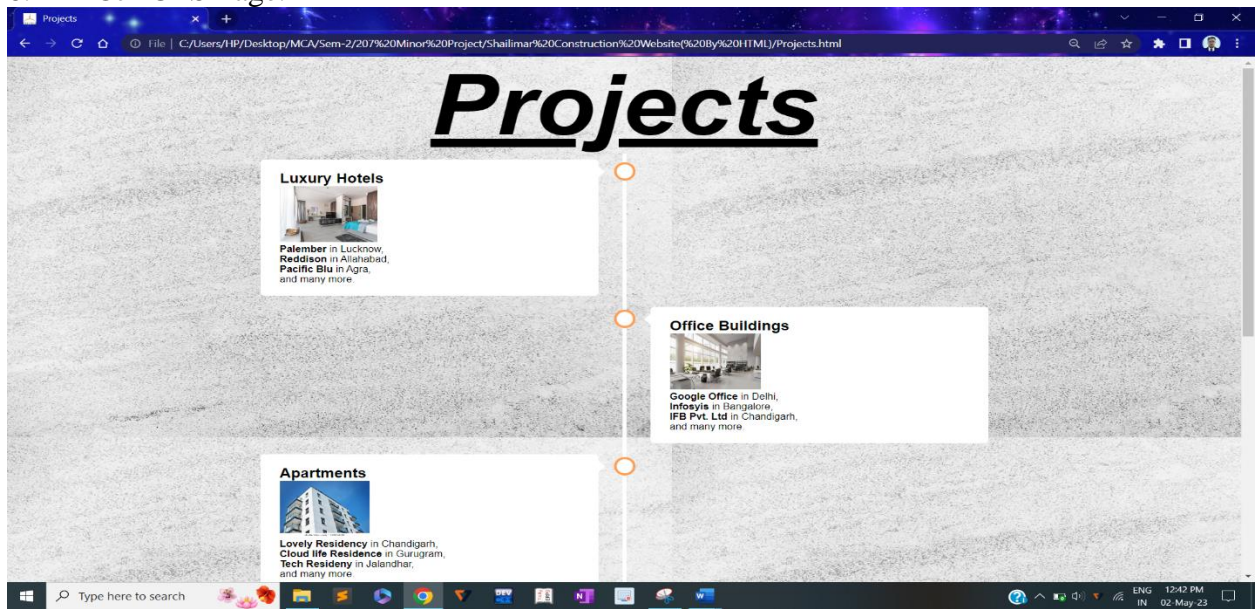


Fig-3.9 Projects Page (Top View).

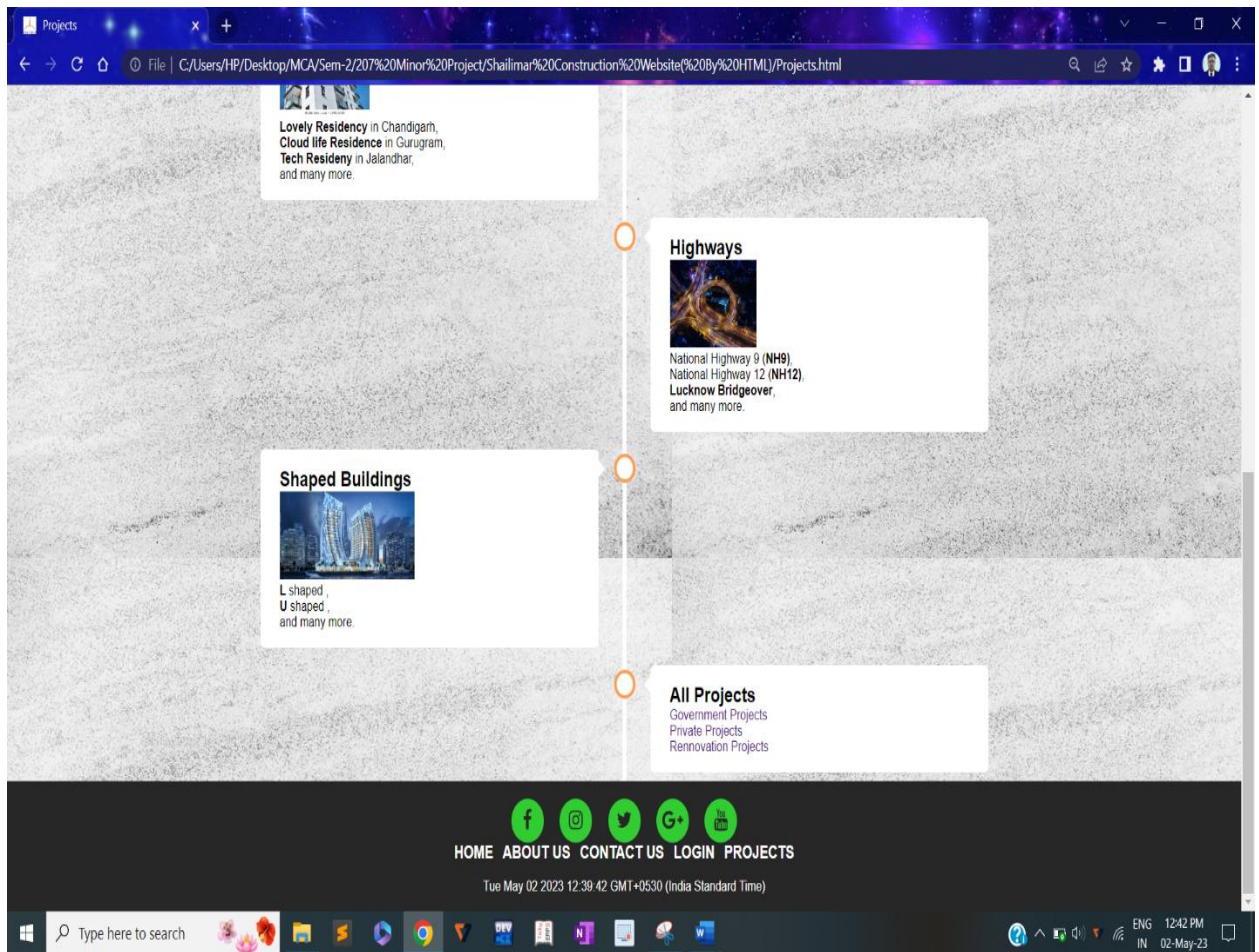


Fig-3.10 Projects Page (Bottom View).

Chapter-4

Testing and Implementation

4.1 Testing.

Testing is a process in which tester can check all the conditions which can be used in software and decides whether it will pass the test or not.

4.2 Implementation.

During Testing tester can implement all the suitable cases by which error can be generated And check whether the software can able to access these situations or not.

Testing and Implementation can be done by developer at many stages and so many types of cases are implemented to test the software, so that one can identify and rectify the errors or mistakes in Software. For Example- We can test the software by giving the wrong option which is not mention in main menu and can implement this that what will happen.

Our main menu of software contains the following options



Our main menu also contains the social media tabs which is used to connect the user to our

- Facebook page,
- twitter account,
- G-mail, and
- You-tube

to saw our construction videos and infrastructures that would be constructed by Shalimar Construction.

Now we have to choose the option from these and we will be directed to that account page .

If it shows the directed page in the Software then it means it can handle any type of situation and pass in testing.

Suppose if we click on Facebook logo and this page will appear.

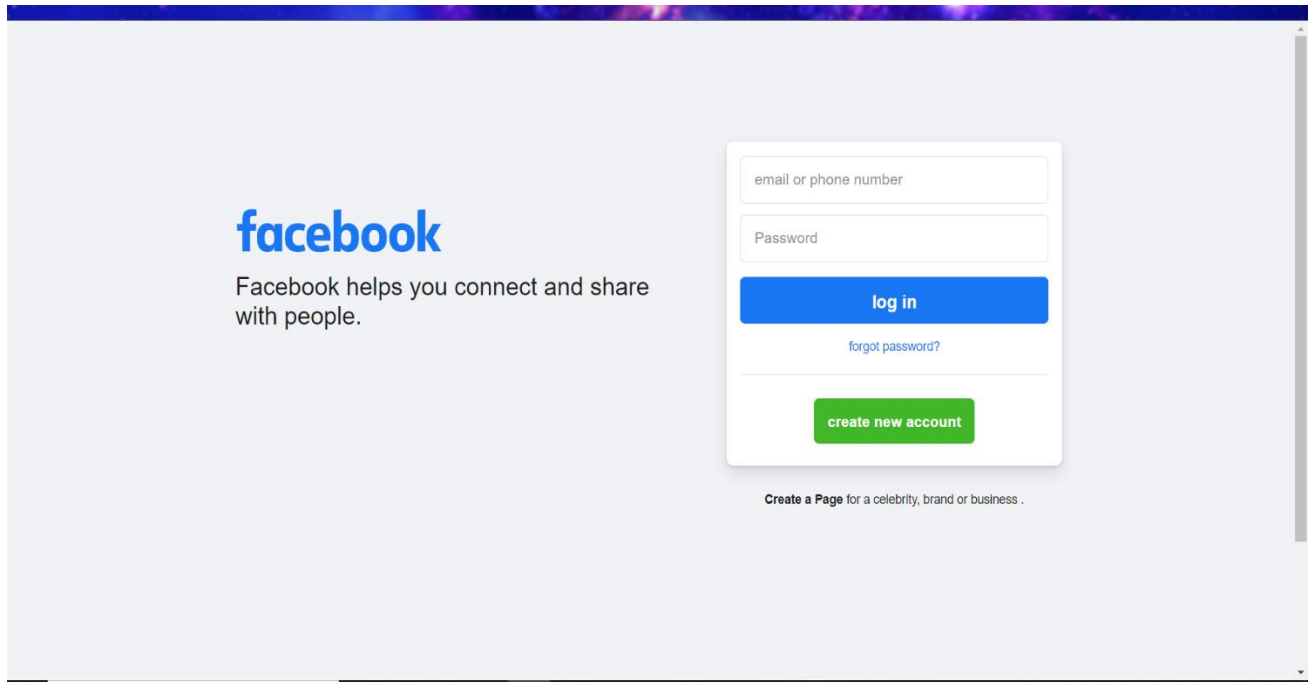


Fig-4.1 Facebook Page.

Now we can see that after clicking it shows the Facebook page. So, it will pass in testing. It means the software is now used securely and cannot create errors or exiting.

Chapter-5

Source Codes

This is the Source code by which we can run the Shalimar Construction Website and the files which contains and links with this code for performing functions.

5.1 CSS Files.

5.1.1 Style.CSS

```
/*for login page*/
```

```
#login-box
```

```
{
```

```
    position: relative;
```

```
    margin: 5% auto;
```

```
    height: 500px;
```

```
    width: 600px;
```

```
    background: #fff;
```

```
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.6);
```

```
}
```

```
.left-box
```

```
{
```

```
    position: absolute;
```

```
    top: 0;
```

```
    left: 0;
```

```
    box-sizing: border-box;
```

```
    padding: 40px;
```

```
    width: 300px;
```

```
    height: 400px;
```

```
}
```

```
h1
```

```
{
```

```
    margin: 0 0 20px 0;
```

```
    font-weight: 300;
```

```
    font-size: 28px;
```

```
}
```

```
input[type="text"],
```

```
input[type="password"],
```

```
input[type="email"],
```

```
input[type="password2"],
```

```
input[type="date"],
```

```
input[type="number"]
```

```
{
```

```
    display: block;
```

```
    box-sizing: border-box;
```



```

margin-bottom: 20px;
padding: 4px;
width: 220px;
height: 32px;
border: none;
outline: none;
border-bottom: 1px solid #aaa;
font-family: sans-serif;
font-weight: 400;
font-size: 15px;
transition: 0.2s ease;
}

input[type="submit"]
{
    margin-bottom: 28px;
    width: 120px;
    height: 32px;
    background: #f44336;
    border: none;
    border-radius: 2px;
    color: #fff;
    font-family: sans-serif;
    font-weight: 500;
    text-transform: uppercase;
    transition: 0.2s ease;
    cursor: pointer;
}

input[type="submit"]:hover,
input[type="submit"]:focus
{
    background: #ff5722;
    transition: 0.2s ease;
}

.right-box
{
    position: absolute;
    top: 0;
    right: 0;
    box-sizing: border-box;
    padding: 40px;
    width: 300px;
    height: 500px;
    background-image: url(image.jpg);

```

```

background-size: cover;
background-position: center;
}

.or
{
position: absolute;
top: 180px;
left: 280px;
width: 40px;
height: 40px;
background: #efefef;
border-radius: 50%;
box-shadow: 0 2px 4px rgba(0, 0, 0, 0.6);
line-height: 40px;
text-align: center;
}

.right-box .signinwith
{
display: block;
margin-bottom: 40px;
font-size: 28px;
color: #fff;
text-align: center;
text-shadow: 0 2px 4px rgba(0, 0, 0, 0.6);
}

button.social
{
margin-bottom: 20px;
width: 220px;
height: 36px;
border: none;
border-radius: 2px;
color: #fff;
font-family: sans-serif;
font-weight: 500;
transition: 0.2s ease;
cursor: pointer;
}

.facebook
{
background: #32508e;
}

```

```
.twitter
{
    background: #55acee;
}
.google
{
    background: #dd4b39;
}
```

5.1.2 style2.CSS

```
/*for project_tab page*/
```

```
*{
    box-sizing: border-box;
}
/* The actual timeline (the vertical ruler) */
.timeline {
    position: relative;
    max-width: 1200px;
    margin: 0 auto;
}

/* The actual timeline (the vertical ruler) */
.timeline::after {
    content: "";
    position: absolute;
    width: 6px;
    background-color: white;
    top: 0;
    bottom: 0;
    left: 50%;
    margin-left: -3px;
}

/* Container around content */
.container {
    padding: 10px 40px;
    position: relative;
    background-color: inherit;
    width: 50%;
}

/* The circles on the timeline */
.container::after {
    content: "";
    position: absolute;
    width: 25px;
```

```

height: 25px;
right: -17px;
background-color: white;
border: 4px solid #FF9F55;
top: 15px;
border-radius: 50%;
z-index: 1;
}

/* Place the container to the left */
.left {
  left: 0%;
}

/* Place the container to the right */
.right {
  left: 50%;
}

/* Add arrows to the left container (pointing right) */
.left::before {
  content: " ";
  height: 0;
  position: absolute;
  top: 22px;
  width: 0;
  z-index: 1;
  right: 30px;
  border: medium solid white;
  border-width: 10px 0 10px 10px;
  border-color: transparent transparent transparent white;
}

/* Add arrows to the right container (pointing left) */
.right::before {
  content: " ";
  height: 0;
  position: absolute;
  top: 22px;
  width: 0;
  z-index: 1;
  left: 30px;
  border: medium solid white;
  border-width: 10px 10px 10px 0;
  border-color: transparent white transparent transparent;
}

/* Fix the circle for containers on the right side */

```

```

.right::after {
  left: -16px;
}

/* The actual content */
.content {
  padding: 20px 30px;
  background-color: white;
  position: relative;
  border-radius: 6px;
}

/* Media queries - Responsive timeline on screens less than 600px wide */
@media screen and (max-width: 600px) {
  /* Place the timeline to the left */
  .timeline::after {
    left: 31px;
  }

  /* Full-width containers */
  .container {
    width: 100%;
    padding-left: 70px;
    padding-right: 25px;
  }

  /* Make sure that all arrows are pointing leftwards */
  .container::before {
    left: 60px;
    border: medium solid white;
    border-width: 10px 10px 10px 0;
    border-color: transparent white transparent transparent;
  }

  /* Make sure all circles are at the same spot */
  .left::after, .right::after {
    left: 15px;
  }

  /* Make all right containers behave like the left ones */
  .right {
    left: 0%;
  }

```

5.1.3 style3.CSS

```

/*for footer*/
*{

```

```

        margin: 0px;
        padding: 0px;
        box-sizing: border-box;
    }
    a{
        text-decoration: none;
        outline: none;
    }
    .footer-main-div{
        width: 100%;
        height: auto;
        width: auto;
        background: #272727;
        padding: 20px 0px;
    }
    .footer-social-icons ul{
        margin: 0px;
        padding: 0px;
        text-align: center;
    }
    .footer-social-icons ul li{
        display: inline-block;
        width: 50px;
        height: 50px;
        margin: 0px 10px;
        border-radius: 100%;
        background: #32CD32;
    }
    .footer-social-icons ul li a{
        color: #272727;
        font-size: 25px;
        display: block;
    }
    .footer-social-icons ul li a i{
        line-height: 50px;
    }
    .footer-menu-one{
        width: 100%;
        height: auto;
        margin: auto;
    }
    .footer-menu-one ul{
        margin: 0px;

```

```

padding: 0px;
text-align: center;
}
.footer-menu-one ul li{
display: inline-block;
margin: 0px 5px;
}
.footer-menu-one ul li a{
font-family: arial;
font-size: 20px;
font-weight: 600;
color: #fff;

text-transform: uppercase;
}
<script style="text-align: right;">
var d = new Date();
document.getElementById("demo").innerHTML = d;

</script>

```

5.2 HTML Files Screenshots.

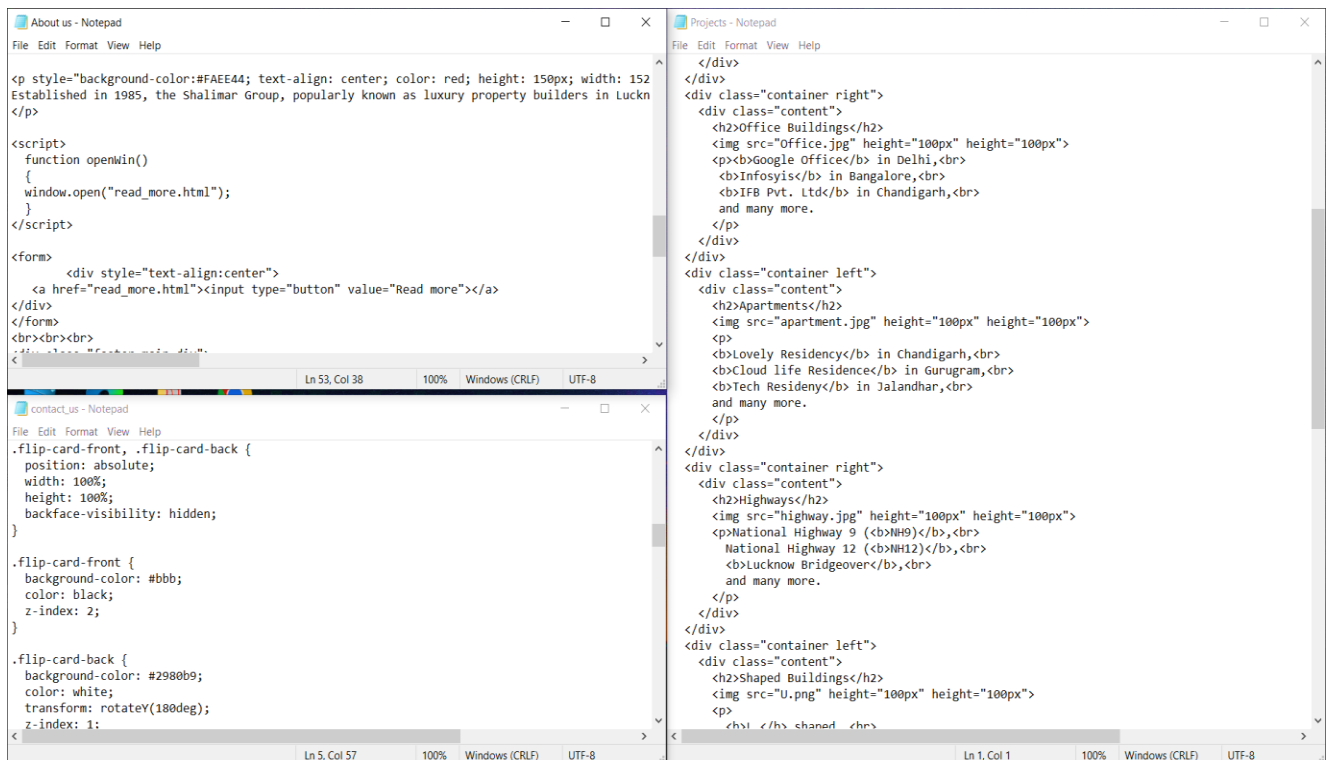


Fig-5.1 Screenshots of About us, Projects & Contact us tab Codes.

read_more - Notepad

File Edit Format View Help

```

<!DOCTYPE html>
<html>
<head>
  <title>read more</title>
  <link rel="icon" href="logo.png" type="image/x-icon">
  <meta http-equiv="Content-Type" content="text/html;">
  <link rel="stylesheet" type="text/css" href="http://cdnjs.cloudflare.com/ajax/libs/font-awe
  <link rel="stylesheet" type="text/css" href="style3.css">
  <style>
    .grid-container {
      display: grid;
      grid-template-columns: auto;
      padding: 75px;
    }
  </style>
</head>
<body style="background-color:#DCCDCD ">
  <div class="grid-container">
    <br><br>
    
      var slideIndex = 0;
      carousel();

      function carousel() {
        var i;
        var x = document.getElem
        for (i = 0; i < x.length
          x[i].style.display = "
        }
        slideIndex++;
        if (slideIndex > x.lengt
          x[slideIndex-1].style.di
          setTimeout(carousel, 500
        }
      }
    </script>
  </div>
</body>
</html>

```

login - Notepad

File Edit Format View Help

```

<html>
<head>
  <meta charset="ISO-8859-1">
  <title> Signup</title>
  <link rel="icon" href="logo.png" type="image/x-icon">
  <link rel="stylesheet" type="text/css" href="style.css">
  <meta http-equiv="Content-Type" content="text/html;">
  <link rel="stylesheet" type="text/css" href="http://cdnjs.cloudflare.com/ajax/libs/font-awe
  <link rel="stylesheet" type="text/css" href="style3.css">
  <script type="text/javascript">
    function Validate() {
      var password = document.getElementById("password").value;
      var confirmPassword = document.getElementById("password2").value;
      if (password != confirmPassword) {
        alert("Passwords do not match.");
      }
      else
      {
        return true;
      }
    }
    function ValidateEmail(inputText)
    {
      var mailformat = /^[a-z]+([a-z0-9_\-\.]+)?@([a-z0-9]+)\.[a-z]{2,3}$/;
      if(!inputText.value.match(mailformat))
      {

```

Home - Notepad

File Edit Format View Help

```

<br>
<h2>Home</h2>

</p>









```

Fig-5.1 Screenshots of Home, login tab and read more button Codes.

Chapter-6

Conclusion

We can conclude that this software can only be used by the users, staff and registered people of a Company and they have only access to add, delete, modify or update the data of agents, projects, agent details, and many more.

The main limitation of this software is that unregistered user cannot access to this software to add, delete, modify or update the data of agents, projects, agent details, and many more.

Owner and registered users have the only right to do the functions mentioned on main menu.

The End