

Motel Management System

Report

By

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Motel Management System

Abstract

Generally, for assigning the room for the customers we, use a manual process which takes a lot of time. In order to save the time, we introduce the web application called ‘Motel Management System’.

The Motel Management system will provide service to on-line customers, employee, and an administrator. Online customers can make searches, reservations and cancel an existing reservation on the motel reservation’s web site. Administrator can add/update the motel and the room information approve/disapprove a new employee account application and generate a monthly occupancy rate report for motel. This application is very easy to understand and user-friendly.

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Introduction

‘Motel management system’ is the web application in .NET framework which is the project that aims at creating an Online Hotel Management system which can be used by customers to reserve hotel rooms.

- Users can check the availability of rooms and facilities.
- The users can register and log into the system.
- The administrator will know the details of reservations and daily income.

For this application the software requirements are:

Platform support: Windows 7 or advanced

Language : ASP.NET, HTML, CSS

Software : Visual Studio 2013

Database : MySql server

Testing user name or password

There are two types of users for this application. One is user module and another type of user is a Admin. In order to login into the application, the user must enter the username, password and must select the class which they belong.

Login credentials for user:

Username: user's mailid (example user name:
veenamadhuri12@gmail.com)

Password: user's password (example password: **veenamadhuri**)

Login credentials for professor:

User name: **admin**

Password: **admin**

While logging into the application, user must select the class displayed in the drop down list.

Special features of the project

Two types of users can login into this application.

1. Users
2. Administrator

USER MODULE:

- Check room availability.
- Fill registration form.
- Can login with his/her own user id and password.
- Get facilities of hotel like restaurant.
- Get the information about nearby visiting places.
- Get information about reserved rooms (if room is already reserved).
- Can regenerate password if he/she forgets the password.

ADMINISTRATOR MODULE

- Can login with unique user id and password.
- Check details of rooms reserved for the current day.
- Check details of rooms reserved for the coming days.
- Update and view customer details.

Lessons learned

While implementing the project we learned a lot of things. Some of them are:

How to gather the requirements for the system to implement?

How to design, establish and publish a database in the web?

Creating and integrating database.

Storing data in the database and also usage of sessions.

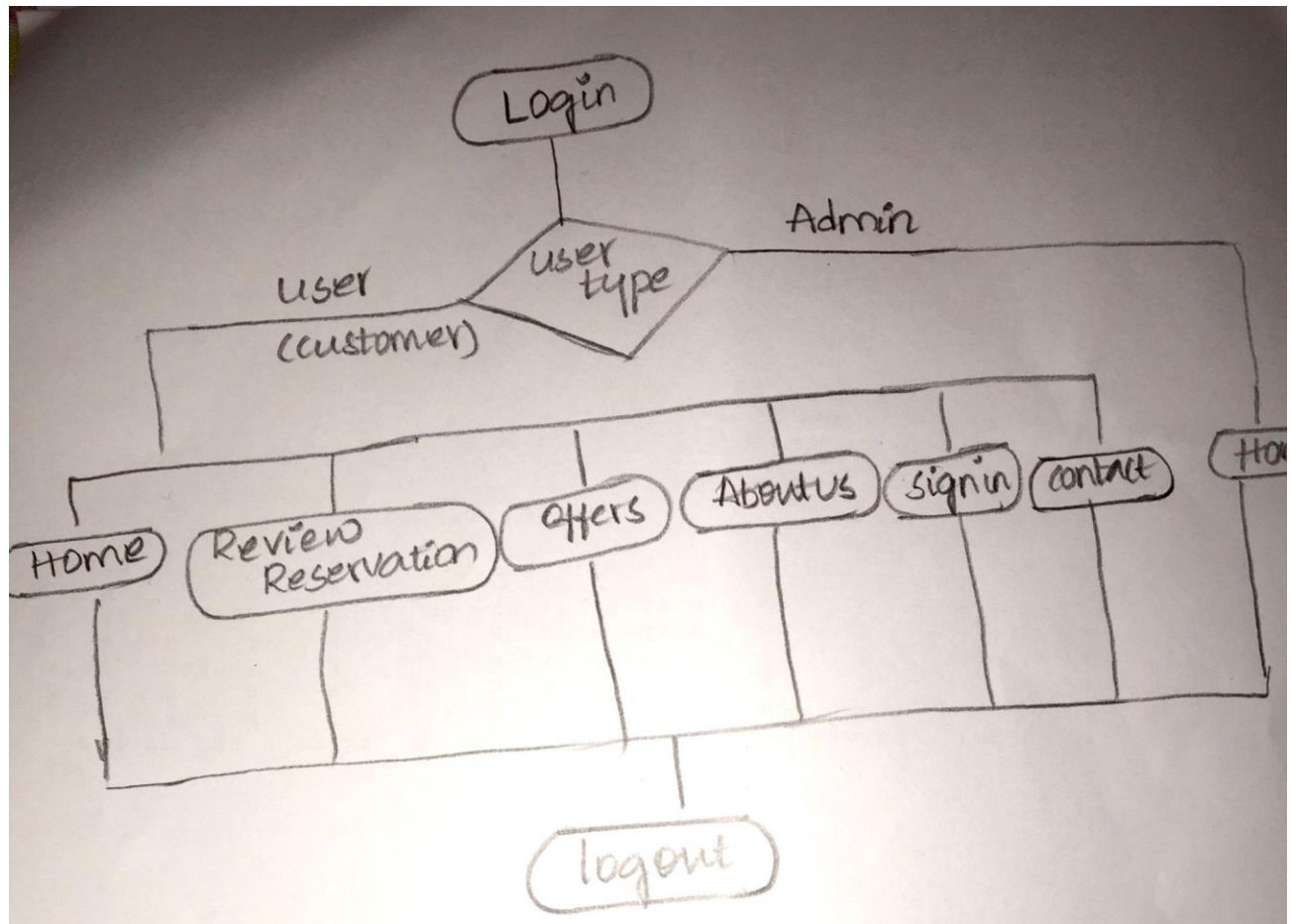
Dealing with database failures and error handling.

Handling issues of data inconsistency and memory allocation.

Acquired knowledge on event handling and code optimization techniques while implementing in code behind.

Flow chart of menus

In this application initially Default.aspx page that means login page appears. After login then it will navigate to either student home page or admin home page according to the login credentials. There are three tabs for student login and admin login.



Project Description

This application mainly consists of two pages. They are

- 1.Login Page
- 2.Admin Home page.

Create an Account: If you don't have an account, register by using create an account tab.

MOTEL Home Rooms Offers Short Codes Sign In Contact

PERSONAL INFORMATION

FIRST NAME

LAST NAME

EMAIL ADDRESS

PHONE NUMBER

LOGIN INFORMATION

PASSWORD

CONFIRM PASSWORD

Navigation

Home
About Us
Sign In
Contact

Payment Options

Visa Mastercard PayPal

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Login page:

This is the page in which the user can login into the application. Here are some validations like if we enter wrong password or username it will display some message like ‘your password or user name is incorrect’.

SUPER MOTEL

[Home](#) [ReviewReservation](#) [Offers](#) [Sign In](#) [Contact](#)

NEW CUSTOMERS

By creating an account with our store, you will be able to move through the checkout process faster, store multiple shipping addresses, view and track your orders in your account and more.

CREATE AN ACCOUNT

REGISTERED CUSTOMERS

If you have an account with us, please log in.

EMAIL ADDRESS

aman@gmail.com

PASSWORD

•••••

[Forgot Your Password?](#)

LOGIN

Navigation

Home

Short Codes

Sign in

Contact

Links

Qui Sommes Nous ?

Mentions Légales

Conditions

D'Utilisation

Social

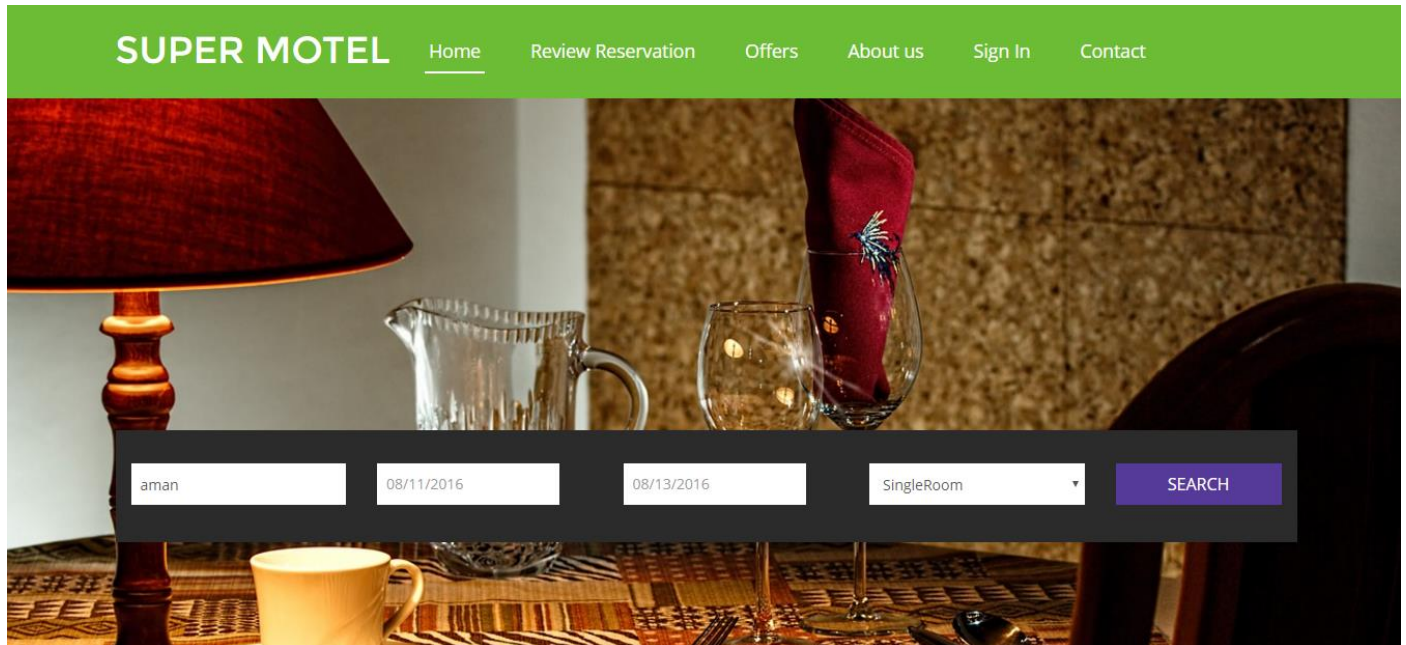
Payment Sécure

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Home Page:

We can redirect to this page if we login with user credentials. In this page, we can see some tabs like Home, Review reservations, offers, about us, sign in, contact. 'Home' contains the search option.

Home:



The screenshot displays the 'SUPER MOTEL' website's home page. A green navigation bar at the top contains the following links: Home, Review Reservation, Offers, About us, Sign In, and Contact. The 'Home' link is currently selected. The background of the page is a warm-toned photograph of a dining table with a lamp, a pitcher, glasses, and a cup. A dark grey search bar is overlaid on the lower portion of the image. It contains four input fields: the first has the text 'aman', the second has the date '08/11/2016', the third has the date '08/13/2016', and the fourth is a dropdown menu showing 'SingleRoom'. To the right of these fields is a purple button labeled 'SEARCH'.

Search Field	Value
Search Term	aman
Check-in Date	08/11/2016
Check-out Date	08/13/2016
Room Type	SingleRoom
Search Button	SEARCH


Review Reservation:

This page facilitates the user to check the availability and reserve the room, by entering the necessary details such as members, check in and check out date, e-mail and telephone.

SUPER MOTEL

[Home](#)
[Review Reservation](#)
[Offers](#)
[About us](#)
[Sign in](#)

Contact



\$55 to \$90 per guest

- Enjoy best service @ lowest prices in the city
- Secure payment gateway by Credit/Debit/Master/Visa cards
- No booking fee imposed

Our motto is to make your stay happy and memorable. Super Motel gives many advantages like free parking, hot water supply, Continental breakfast, super air rooms for pets etc.,. Please make your self comfortable at a place which is home like and let us make you a returning customer.

Thank You!

Super Motel satisfies an ideal motel standard.

Enjoy quick check-in/ check-out by our amazing customer service team

What all are Included?

- Free entry for all kids with age below 6

What are Not Included?

- Physical damage to any of the motel property like breakage, fire etc.,

First Name

Last Name

E-Mail

Phone

Time

Check-In

01 -

jan -

2015 -

Check-out

01 -

jan -

2015 -

Members

☐

Comments

SUBMIT

RESET

Navigation

Payment options

Don't miss any offers!

If the user is not login for the first time, then they can see the availability of the rooms only. They cannot reserve the room.


Offers:

In this page, the user can see the available offers of different categories.

SUPER MOTEL

[Home](#)[Review Reservation](#)[Offers](#)[About Us](#)[Sign In](#)[Contact](#)

Summer Package




Beat the hottest summers of Houston with our coolest offers!

We offer huge privileges during summers. Pre-booking helps to get more offers. So, hurry up before every one starts booking!

[Book Now](#)

Family Package




Fun with Families!

Whether it's a get together or a formal family meeting, give us chance to make your stay happy. Call us to get more deals.

[Book Now](#)

Special Offers




Don't miss any of our Special offers

Get a head start by subscribing to our mailing list. Know more by calling us.

[Book Now](#)

Romantic Package




Couples packages are our specialty!

Romantic couple packages are available for couples. Group families are accepted.

[Book Now](#)

Spa Package




Enjoy Spa along with your stay!

Know about spa deals along with regular room bookings. Our spa gives you a great experience with your stay!

[Book Now](#)

Hot Offers



*****Hot deals are here*****




Know timely deals by subscribing to our mailing list!

[Book Now](#)

Navigation

[Home](#)[About Us](#)[Sign In](#)[Contact](#)

Payment Options



Don't miss any offers!

[Email](#)[Subscribe](#)

© 2015 Super. All rights reserved.

About us:

This page specifies the user, the details about the motel.

About Us

Super Motel



Contact:

User can contact the management by entering the user details and a detailed message.

SUPER MOTEL

[Home](#)
[Review Reservation](#)
[Offers](#)
[About Us](#)
[Sign in](#)

Contact

CONTACT US

Name

Email

Phone

Enter Your Message Here

send Email

Address

Super 8 Pasadena, Vista Road,

Pasadena,

TX, United States

P: (713) 455-7890

Navigation

[Home](#)
[About Us](#)
[Sign in](#)
[Contact](#)

Payment options

Don't miss any offers!

Email

Subscribe

Admin:

[illegible]

Code:

Index.aspx.

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="index.aspx.cs"
Inherits="index" EnableEventValidation="false"%>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title>Home page</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Motel Responsive web template, Bootstrap Web
Templates, Flat Web Templates, Andriod Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyErricsson, Motorola web design" />
<script type="applijewelleryion/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="css/bootstrap.css" rel='stylesheet' type='text/css' />
<!-- Custom Theme files -->
<link href="css/style.css" rel='stylesheet' type='text/css' />
<script src="js/jquery-1.11.1.min.js"></script>
<!--webfonts-->
<link href="//fonts.googleapis.com/css?family=Montserrat:400,700" rel='stylesheet'
type='text/css'>
<link href="//fonts.googleapis.com/css?family=Open+Sans:400,300italic,300,600"
rel='stylesheet' type='text/css'>
<!--//webfonts-->
<script type="text/javascript" src="js/bootstrap.js"></script>
</head>
<body>
<form id="form1" runat="server">
<!-- banner -->
<div class="banner">
<div class="header">
<div class="container">
<div class="logo">
<h1><a href="index.aspx">Super Motel</a></h1>
</div>
<nav class="navbar navbar-default" role="navigation">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-1">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
</div>
<!--/.navbar-header-->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
```

```

<ul class="nav navbar-nav">
<li class="active"><a href="index.aspx">Home</a></li>
<li><a href="reviewreservation.aspx">Review Reservation</a></li>
<li><a href="offers.aspx">Offers</a></li>
<li><a href="aboutus.aspx">About us</a></li>

    <li><a href="signin.aspx" id="signin" runat="server">Signin</a></li>

    <li><a href="signout.aspx" id="signout" runat="server">signout</a></li>

<li><a href="contact.aspx">Contact</a></li>
</ul>
</div>
<!--/.navbar-collapse-->
</nav>
<%--<div class="search-box">
<div id="sb-search" class="sb-search">
<form>
<input class="sb-search-input" placeholder="Enter your search term..."
type="search" name="search" id="search">
<input class="sb-search-submit" type="submit" value="">
<span class="sb-icon-search"> </span>
</form>
</div>
</div>--%>
    <asp:Label runat="server" Text="" Font-Bold="true" ForeColor="Red"
ID="user"></asp:Label>
    <div class="clearfix"> </div>

<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script>
new UISearch( document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->

</div>
</div>
<a name="banner">
<div class="banner-info">
    <div class="container">
        <div class="details-1">
            <div class="col-md-10 dropdown-buttons">
                <div class="col-md-3 dropdown-button">

                    <div class="input-group">
                        <input class="form-control has-
dark-background" name="slider-name" id="slider-name" placeholder="Name" type="text"
required="">
                    </div>
                </div>
            <!--strat-date-piker-->
            <link rel="stylesheet" href="css/jquery-
ui.css" />
            <script src="js/jquery-ui.js"></script>
            <script>
                $(function () {

$( "#datepicker,#datepicker1").datepicker({ minDate: new Date() });

```

```

//
$("#datepicker,#datepicker1").datepicker({ dateFormat: 'yy-mm-dd' }).val();
});
</script>
<!--/End-date-piker-->

<div class="col-md-3 dropdown-button">

    <div class="book_date">

        <!--<input class="date"
id="datepicker" type="text" value="Check In" onfocus="this.value = ' ';" onblur="if
(this.value == ' ') {this.value = 'Check In';}">-->
        <asp:TextBox ID="datepicker"
runat="server" placeholder="Check In"></asp:TextBox>
    </div>
</div>
<div class="col-md-3 dropdown-button">

    <div class="book_date">

        <!--<input class="date1"
id="datepicker1" type="text" value="Check Out" onfocus="this.value = ' ';" onblur="if
(this.value == ' ') {this.value = 'Check Out';}">-->
        <asp:TextBox ID="datepicker1"
runat="server" placeholder="Check Out"></asp:TextBox>
    </div>
</div>
<div class="col-md-3 dropdown-button">
    <asp:DropDownList runat="server"
ID="dropdownlist">
        <asp:ListItem>SingleRoom</asp:ListItem>
        <asp:ListItem>DoubleRoom</asp:ListItem>
        <asp:ListItem>SuitRoom</asp:ListItem>
        <asp:ListItem>GuestRoom</asp:ListItem>
        <asp:ListItem>HandicappedRoom</asp:ListItem>
    </asp:DropDownList>
    </div>
<div class="clearfix"> </div>
</div>
<div class="col-md-2 submit_button">

    <asp:Button runat="server" Text="search"
onClick="submit_Click"/>

    <asp:Label ID="t" runat="server" Visible="false"/>
</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
<!-- banner -->
<!-- hod -->
<div class="hod">
<div class="container">
<div class="col-md-6 hod-left">

</div>

<div class="col-md-6 hod-right">
<h2>Driving customer satisfaction</h2>

```

```

    <p>Customer satisfaction is our prime moto than business. Customers can enjoy
    Money back options for genuine disagreement of any promises made by us !</p>
    <p>Get discount notifications by subscribing with us !</p>
    <a class="hvr-shutter-in-horizontal" href="#banner">Check Now</a>
  </div>
  <div class="clearfix"></div>
</div>
<!-- hod -->
<!-- tels -->
<div class="tels">
  <div class="container">
    <div class="col-md-4 tels-left">
      <h4>Single room <span>$65</span></h4>
      
      <p>Single room can be occupied by a small family of two adults and a kid below 5
years of age.</p>
      <a class="hvr-shutter-in-horizontal" href="#banner">Check Now</a>
    </div>
    <div class="col-md-4 tels-left">
      <h4>Double room <span>$75</span></h4>
      
      <p>Double bed rooms can be accommodated by three adults and a kid below 5 years of
age.</p>
      <a class="hvr-shutter-in-horizontal" href="#banner">Check Now</a>
    </div>
    <div class="col-md-4 tels-left">
      <h4>Suite room <span>$90</span></h4>
      
      <p>Luxurious suite rooms are available for a family of four.</p>
      <a class="hvr-shutter-in-horizontal" href="#banner">Check Now</a>
    </div>

    <!-- tels -->
    <!-- cols 2 -->
    <div class="col-md-6 tels">
      <h4>Handicap room <span>$55</span></h4>
      
      <p>Handicap rooms are accesible for people who are physically handicapped.</p>
      <a class="hvr-shutter-in-horizontal" href="#banner">Check Now</a>
    </div>
    <div class="col-md-6 tels">
      <h4>Guest room <span>$60</span></h4>
      
      <p>Guest rooms are for customers who are willing to stay for short periods like
less that seven consecutive hours.</p>
      <a class="hvr-shutter-in-horizontal" href="#banner">Check Now</a>
    </div>

  </div>
  </div>
  <!-- cols 2 -->
  <!-- special -->
  <div class="special">
    <div class="container">
      <div class="spe-info">
        <h3>Special Offer</h3>
        <p>Handicaps and Guests can get special room prices.Check our website timely to
get some discount coupons.
        To get notified with special deals on special occasions please do subscribe to
our mailing list !</p>
      </div>

```

```

</div>
</div>
<!-- special -->
<!-- quick -->
<div class="quick">
<div class="container">
<%--<div class="col-md-4 quick-left">
<h3>Most Popular</h3>
<ul>
<li><a href="#">Distribution of letters, as opposed</a></li>
<li><a href="#">Distribution of letters, as opposed</a></li>
<li><a href="#">Distribution of letters, as opposed</a></li>
<li><a href="#">Distribution of letters, as opposed</a></li>
<li><a href="#">Distribution of letters, as opposed</a></li>
</ul>
</div>--%>
<div class="col-md-4 quick-left">
<h3>News & Events</h3>
<div class="new">
<div class="n-lft">
<h5>11</h5>
<h6>Aug</h6>
</div>
<div class="n-rgt">
<p>International Jem and Jewelry show</p>
</div>
<div class="clearfix"></div>
</div>
<%--<div class="new-1">
<div class="n-lft">
<h5>15</h5>
<h6>Sep</h6>
</div>
<div class="n-rgt">
<p>That it has a more-or-less normal distribution<a href="#">More</a></p>
</div>
<div class="clearfix"></div>
</div>--%>
</div>
<div class="col-md-4 quick-left">
<h3>Message to us !</h3>
<form>
<input type="text" class="textbox" value="Email" onfocus="this.value = '';"
onblur="if (this.value == '') {this.value = 'Email'};">
<textarea placeholder="" onfocus="this.value='';" onblur="if (this.value == '')
{this.value = 'Message'};">Message</textarea>
<input type="submit" value="Submit">
</form>
</div>
<div class="clearfix"></div>
</div>
</div>
<!-- quick -->
<!-- footer -->
<div class="footer">
<div class="container">
<div class="col-md-2 deco">
<h4>Navigation</h4>
<li><a href="index.aspx">Home</a></li>
<li><a href="aboutus.aspx">About us </a></li>
<li><a href="signin.aspx">Sign in</a></li>
<li><a href="contact.aspx">Contact</a></li>

```

```

</div>
<!--<div class="col-md-2 deco">
<h4>Links</h4>
<li><a href="#">Qui Sommes-Nous ?</a></li>
<li><a href="#">Mentions Légales </a></li>
<li><a href="#">Conditions D'Utilisation </a></li>
</div>-->
<!--<div class="col-md-2 deco">
<h4>Social</h4>
<div class="soci">
<li><a href="#"><i class="f-1"> </i></a></li>
<li><a href="#"><i class="t-1"> </i></a></li>
<li><a href="#"><i class="g-1"> </i></a></li>
</div>
</div>-->
<div class="col-md-3 cardss">
<h4>Payment Options</h4>
<li><i class="visa"></i></li>
<li><i class="ma"></i></li>
<li><i class="paypal"></i></li>
<div class="clearfix"> </div>
</div>
<div class="col-md-3 pos">
<h4>Don't miss any offers!</h4>
<form method="post">
<input type="text" class="textbox" value="Email" onfocus="this.value = '';" onblur="if
(this.value == '') {this.value = 'Email';}">
<div class="smt">
<input type="submit" value="Subscribe">
</div>
</form>
</div>
<!--<div class="col-md-3 pos">
<h4>NewsLetter</h4>
<form method="post">
<input type="text" class="textbox" value="Email" onfocus="this.value = '';"
onblur="if (this.value == '') {this.value = 'Email';}">
<div class="smt">
<input type="submit" value="Subscribe">
</div>
</form>
</div>-->
<div class="clearfix"> </div>
</div>
<div class="footer-bottom">
<div class="container">
<p><a>© 2016 Super Motel. All Rights Reserved.</a></p>
</div>
</div>
<!-- footer -->
</form>
</body>
</html>

```


C# code:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;
using System.Data;
using System.Data.SqlClient;

public partial class index : System.Web.UI.Page
{
    Int16 noOfRooms;
    MySql.Data.MySqlClient.MySqlConnection co;
    MySql.Data.MySqlClient.MySqlConnection con;
    MySql.Data.MySqlClient.MySqlConnection conn;
    string check;
    string hello;
    Boolean flag = false;
    string connection;
    string connection1;
    string connection2;
    string roomno;
    string intialroomno;
    String rooms = "available rooms are";
    MySqlDataReader dr1;

    MySql.Data.MySqlClient.MySqlDataReader reader;
    String querystr;
    DataSet ds = new DataSet();
    DateTime inDate, outDate;
    int v = 0,w=0;
    string[] availableRooms = new String[100];
    string[] reservedRooms = new string[15];
    protected void Page_Load(object sender, EventArgs e)
    {
        string email = (string)Session["email"];
        if (email != null)
        {
            signin.Visible = false;
            if (!IsPostBack)
            {
                user.Text = "Welcome,"+(string)Session["username"];
                Response.Write((string)Session["username"]);
                user.Visible = true;
            }
            else
            {
                user.Text = "Welcome back," + (string)Session["email"];
                user.Visible = true;
            }
        }
        else
        {

```

```

        signout.Visible = false;
    }
}

protected void submit_Click(object sender, EventArgs e)
{
    inDate = Convert.ToDateTime(datepicker.Text);
    outDate = Convert.ToDateTime(datepicker1.Text);
    string roomtype = dropdownlist.Text.ToString();
    Session["roomtype"] = dropdownlist.SelectedValue;
    connection =
System.Configuration.ConfigurationManager.ConnectionStrings["MySQLConnectionString"].ToString();
    connection1 =
System.Configuration.ConfigurationManager.ConnectionStrings["MySQLConnectionString"].ToString();
    connection2 =
System.Configuration.ConfigurationManager.ConnectionStrings["MySQLConnectionString"].ToString();
    /* try
    {*/
    co = new MySql.Data.MySqlClient.MySqlConnection(connection);
    co.Open();
    DataTable dt = new DataTable();
    string query = "Select checkindate,roomno,checkoutdate FROM room where roomtype='"
+ roomtype + "'";
    MySqlCommand cmd = new MySqlCommand(query, co);
    MySqlDataReader dr;
    dr = cmd.ExecuteReader();
    while (dr.Read())
    {
        intialroomno = dr["roomno"].ToString();
        var checkdatein = dr["checkindate"];
        var checkdateout = dr["checkoutdate"];

        if ((checkdatein is DBNull) && (checkdateout is DBNull))
        {
            // t.Text = intialroomno;
            con = new MySql.Data.MySqlClient.MySqlConnection(connection1);
            con.Open();
            string query1 = "Select roomno,checkindate,checkoutdate FROM reservation
where roomno='" + intialroomno + "'";
            MySqlCommand cmd1 = new MySqlCommand(query1, con);
            dr1 = cmd1.ExecuteReader();

            if (dr1.HasRows)
            {
                string resroomno;
                while (dr1.Read())
                {
                    resroomno = dr1["roomno"].ToString();
                    DateTime dateinr = Convert.ToDateTime(dr1["checkindate"]);
                    DateTime dateoutr = Convert.ToDateTime(dr1["checkoutdate"]);
                    if ((dateinr.Date <= inDate.Date && dateoutr.Date <= inDate.Date)
|| (dateinr.Date >= outDate.Date && dateoutr.Date >= outDate.Date))
                    {
                        if(!(reservedRooms.Contains(resroomno)))
                        {
                            flag = true;
                        }
                    }
                    else

```

```

        {
            flag = false;
        }

    }
    else if (((dateinr.Date < inDate.Date) && (dateoutr.Date >
outDate.Date)) || (dateinr.Date < outDate.Date) || (dateoutr.Date > inDate.Date))
    {
        // Response.Write("There is already a reservation");
        reservedRooms[w] = resroomno;
        w = w + 1;
        flag = false;
    }
    else
    {

    }

}
// Response.Write("Available no.of rooms are " + noOfRooms);
dr1.Close();
con.Close();

}
//This happens when there are no rooms in reservation table and rooms are
not occupied and dont have dates in room table
else
{
    /* availableRooms[v] = intialroomno;
    v = v + 1;
    noOfRooms += 1;
    Response.Write("rooms available");*/
    flag = true;
}

}
//This happens when dates are not empty in rooms table
else
{
    DateTime checkdatein1 = Convert.ToDateTime(checkdatein);
    DateTime checkdateout1 = Convert.ToDateTime(checkdateout);
    if ((checkdatein1.Date <= inDate.Date && checkdateout1.Date <=
inDate.Date) || (checkdatein1.Date >= outDate.Date && checkdateout1.Date >= outDate.Date))
    {
        conn = new MySql.Data.MySqlClient.MySqlConnection(connection2);
        conn.Open();
        string query2 = "Select roomno,checkindate,checkoutdate FROM
reservation where roomno='" + intialroomno + "'";
        MySqlCommand cmd2 = new MySqlCommand(query2, conn);
        // MySqlDataReader dr2;
        dr1 = cmd2.ExecuteReader();

        if (dr1.HasRows)
        {
            string resroomno;
            while (dr1.Read())
            {
                resroomno = dr1["roomno"].ToString();
                DateTime dateinr = Convert.ToDateTime(dr1["checkindate"]);
                DateTime dateoutr = Convert.ToDateTime(dr1["checkoutdate"]);

```

```

        if ((dateinr.Date <= inDate.Date && dateoutr.Date <=
inDate.Date) || (dateinr.Date >= outDate.Date && dateoutr.Date >= outDate.Date))
        {
            if(!(reservedRooms.Contains(resroomno)))
            {
                flag = true;
            }
            else
            {
                flag = false;
            }
        }
        else if (((dateinr.Date < inDate.Date) && (dateoutr.Date >
outDate.Date)) || (dateinr.Date < outDate.Date) || (dateoutr.Date > inDate.Date))
        {
            Response.Write("in rooms but not in reservation");
            reservedRooms[w] = resroomno;
            w = w + 1;
            flag = false;
        }
        else
        {
            // Response.Write("pichi");
        }
    }
    // Response.Write("Available no.of rooms are " + noOfRooms);
    dr1.Close();
    conn.Close();

}
else
{
    flag = true;
    /* availableRooms[v] = intialroomno;
    v = v + 1;
    noOfRooms += 1;*/
}
}

else if (((checkdatein1.Date < inDate.Date) && (checkdateout1.Date >
outDate.Date)) || (checkdatein1.Date < outDate.Date) || (checkdateout1.Date >
inDate.Date))
{
    Response.Write("occupied");
    flag = false;
}
else
{
    // Response.Write("pichi");
}
}

if (flag == true)
{
    availableRooms[v] = intialroomno;
    v = v + 1;
}

```

```

        noOfRooms += 1;
    }

}

dr.Close();
co.Close();
for (int i = 0; i < noOfRooms; i++)
{
    hello += availableRooms[i] + ",";

    t.Text = hello;
}

/* }
   catch (Exception ex)
   {
       Response.Write(ex.Message.ToString());
   }
   finally
   {
       co.Close();
       con.Close();
       conn.Close();
   }*/

Session["availableRooms"] = hello;
Session["checkin"] = datepicker.Text;
Session["checkout"] = datepicker1.Text;
Session["roomtype"] = dropdownlist.SelectedValue;
Server.Transfer("Book.aspx");
}

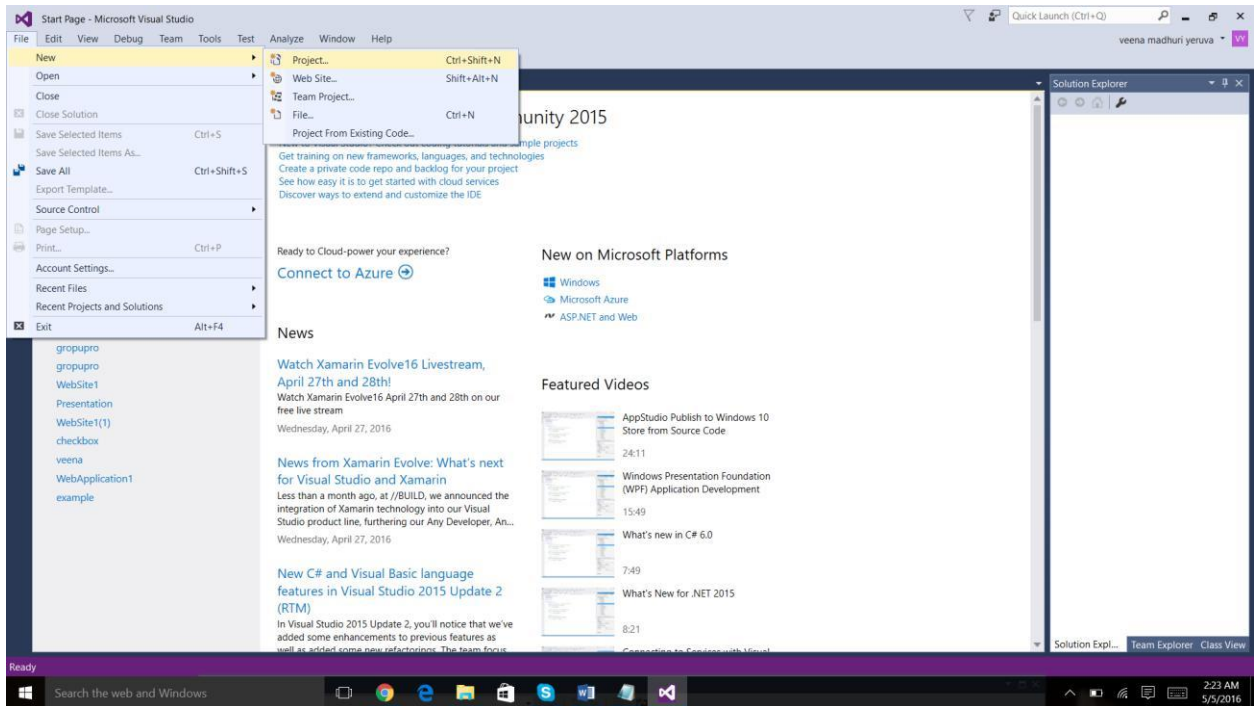
}

```

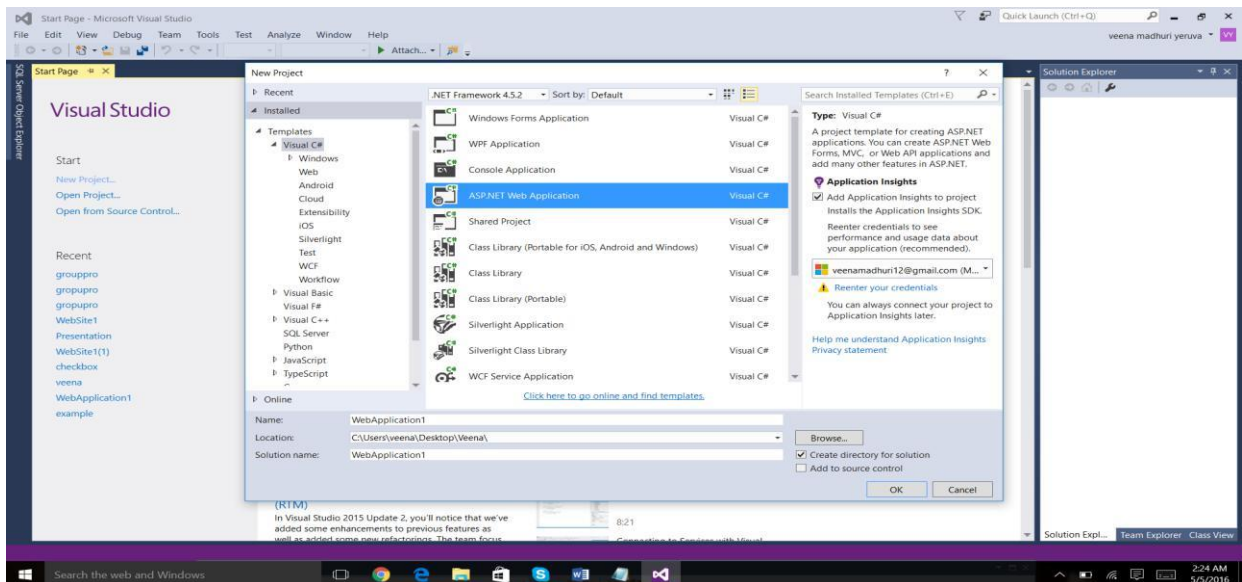
Steps for development

In order to develop an application using .NET framework we must install visual studio. This may be any version like visual studio 2013 or higher.

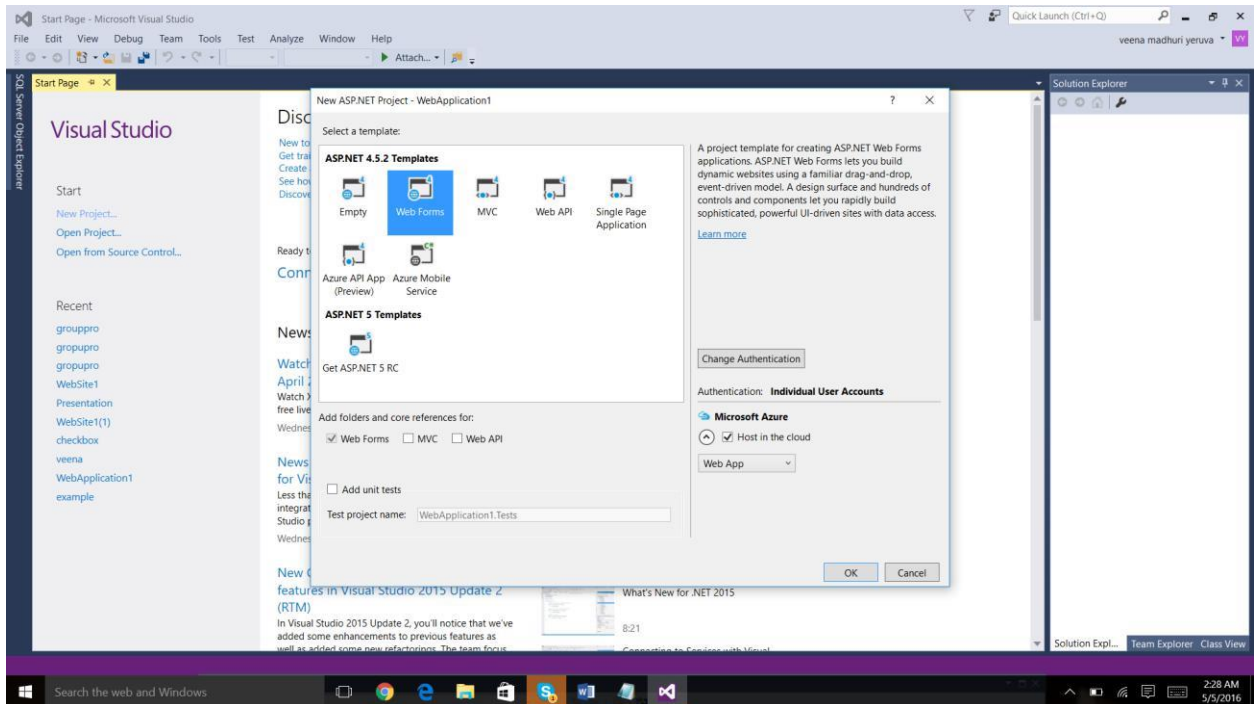
1. First we have to go to **start** → **visual studio 2013** → **File** → **New** → **project**



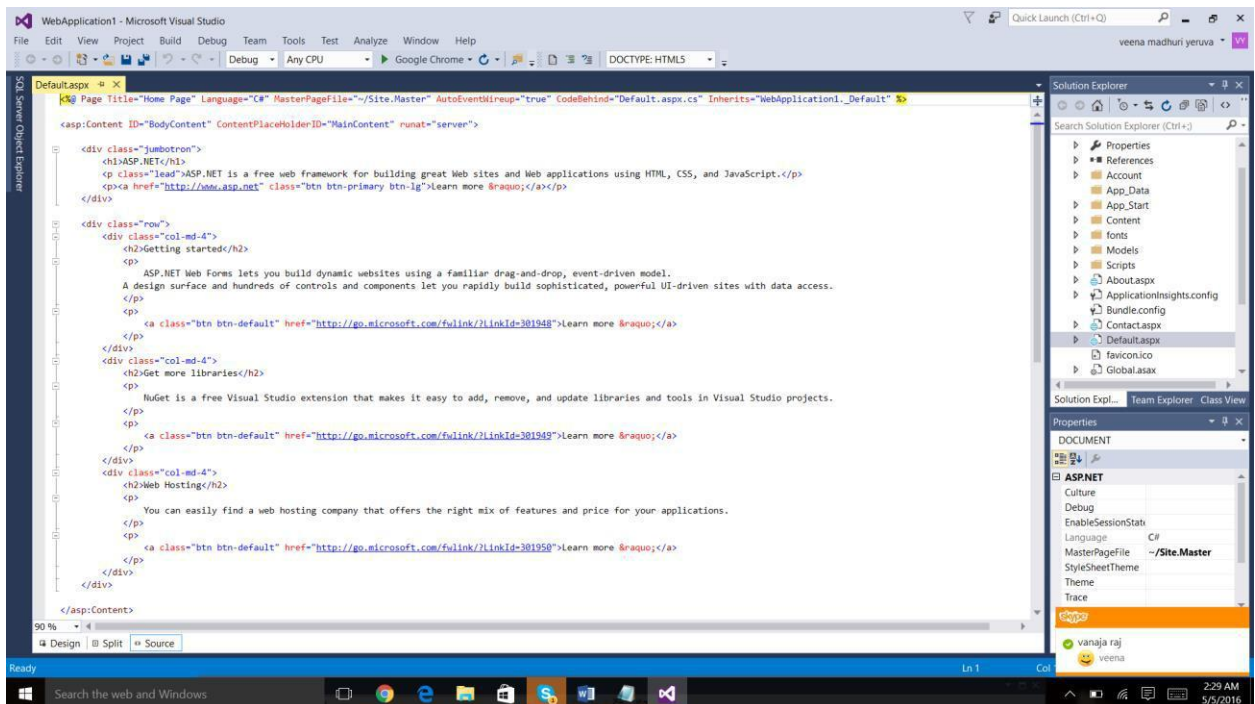
2. Then a menu will appear. In that select visual c # and ASP.NET web application



3. Again click on web forms and click on 'ok'.



4. Then write your code in that project



Steps for deploying the project

To deploy the web application, all the configuration about the web server should be configured using the publish menu. Select the project solution name, right click and select publish menu item. The publish web dialog will then open. Configure the web server name as DCM Server and go to the connection tab to input the publish method as FTP, Server address pointing to the given web DCM server at uhcl.edu, give user login details and finally give the destination URL to open after publishing the web application. The user can click on validate connection button to test if the connection is successful with the given configuration settings.

After all the settings are given a click on the publish button to publish the web application. If the hosting is successful then it opens the website URL and displays the contents designed using the ASP.NET. If there are any issues with the coding or hosting, then the URL returns an error code. Most of the issues can be easily found using the error code. The developer can also verify if the hosting is successful by going to the FTP path and check manually if it contains all the necessary files under pages folder.

Group Home Page

GROUP #2

MOTEL MANAGEMENT SYSTEM

[ABOUT US](#) [PROJECT](#) [GROUP DIARY](#) [CONCEPTUALIZATION REPORT](#)

ABOUTUS

	<p style="text-align: center;">VEENA MADHURI YERUVA</p> <p style="text-align: center;">presentation-id: 8 Email id: Yervuv7634@uhd.edu</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: black; color: white; padding: 2px 10px;">READ MORE</div> <div style="background-color: black; color: white; padding: 2px 10px;">PERSONAL DIARY</div> </div>
	<p style="text-align: center;">BHAVITHA SAI YENDRATHI</p> <p style="text-align: center;">presentation-id: 10 Email id: YendrathB6246@uhd.edu</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: black; color: white; padding: 2px 10px;">READ MORE</div> <div style="background-color: black; color: white; padding: 2px 10px;">PERSONAL DIARY</div> </div>
	<p style="text-align: center;">VENKATA SATYA SIVA KONERU</p> <p style="text-align: center;">presentation-id: 12 Email id: koneru5041@uhd.edu</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: black; color: white; padding: 2px 10px;">READ MORE</div> <div style="background-color: black; color: white; padding: 2px 10px;">PERSONAL DIARY</div> </div>
	<p style="text-align: center;">KAVITHA NALLURI</p> <p style="text-align: center;">presentation-id: 16 Email id: Nalluri7024@uhd.edu</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: black; color: white; padding: 2px 10px;">READ MORE</div> <div style="background-color: black; color: white; padding: 2px 10px;">PERSONAL DIARY</div> </div>
	<p style="text-align: center;">RISHITHA CHILUMULA</p> <p style="text-align: center;">presentation-id: 17 Email id: chilumulaR8065@uhd.edu</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: black; color: white; padding: 2px 10px;">READ MORE</div> <div style="background-color: black; color: white; padding: 2px 10px;">PERSONAL DIARY</div> </div>
	<p style="text-align: center;">SAI SWAROOP PALADUGU</p> <p style="text-align: center;">presentation-id: 21 Email id: PaladuguS5500@uhd.edu</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="background-color: black; color: white; padding: 2px 10px;">READ MORE</div> <div style="background-color: black; color: white; padding: 2px 10px;">PERSONAL DIARY</div> </div>

GROUP 2 WORKSHEET

Group home page contains some details of group members like their images, name, presentation id, email id. For each member, there is a link called 'READ MORE' which gives additional information about the member.

This page also contains other links like the project, group diary, conceptualization. If we click on the project, it will redirect us to the project. The link group diary shows us the information of work done by the team members. The conceptualization link tells us about the project and its working. Actually, when we click on this link it will download some word document which contains all the information regarding the project.

Group diary page:

MOTEL MANAGEMENT SYSTEM	
ABOUT US	PROJECT
GROUP DIARY	CONCEPTUALIZATION
PROJECT DIARY	
DATE	WORK IN DETAIL
7/7/2016	Project abstract finalization and requirements gathering
7/13/2016	Assigning roles to the team members
7/19/2016	Implementing design view of the project
7/28/2016	Creating database and tables in the dcm.uhcl.edu and establishing connection to it
8/2/2016	Integrating the webpages and implementing testing phase
8/9/2016	Resolving issues and Deployment

Scope for future enhancement

In future we can implement this web application as mobile application. And we can also implement some additional features like our software would also keep a record of food supplements and recruited staffs in our database.