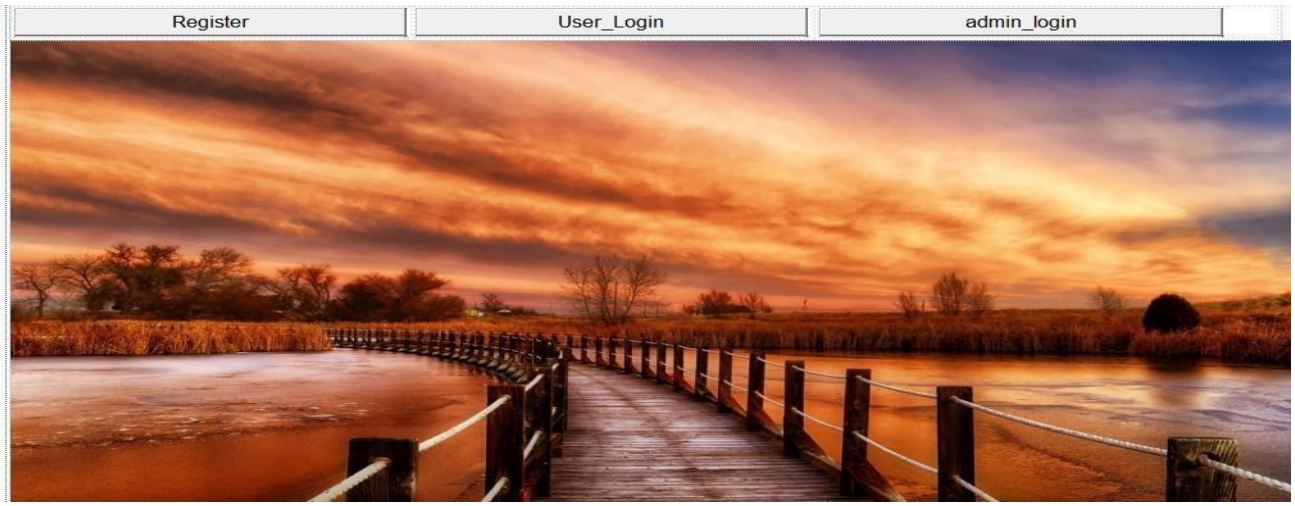
PRACTICAL-13

AIM: **Create Web Application having different Modules: Admin and User**

Home page.aspx:



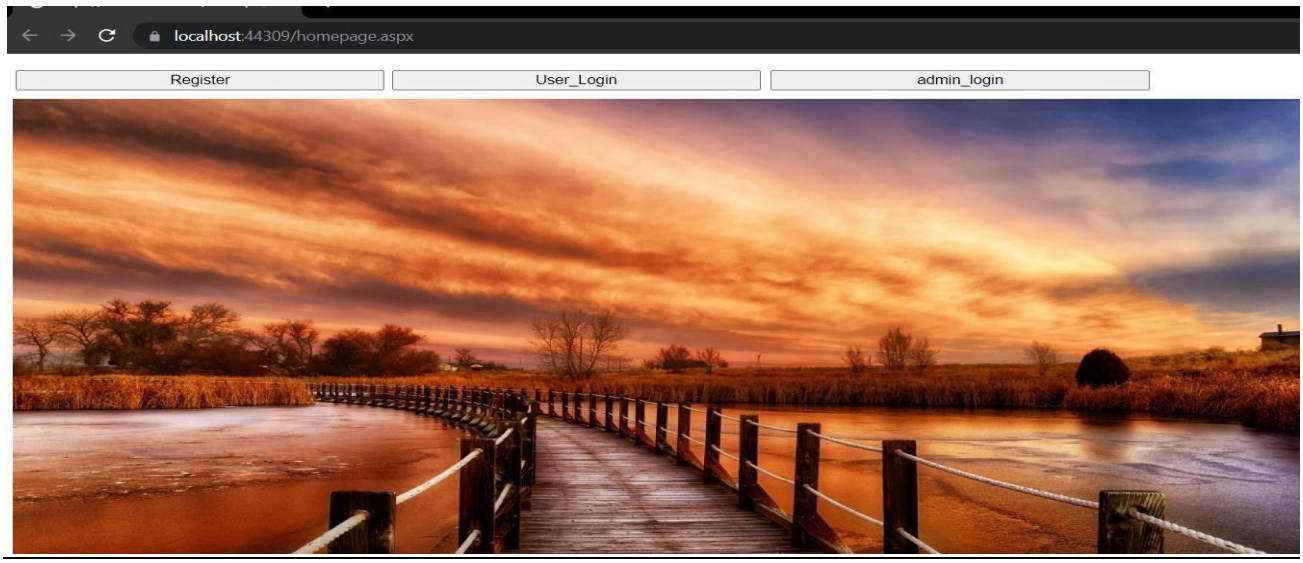
Home page.aspx.cs:

```
using System;  using
System.Collections.Generic;
using System.Linq; using
System.Web; using System.Web.UI;  using
System.Web.UI.WebControls;
  namespace
Practical_13_1
{
    public partial class homepage : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
{

        }          protected void Button1_Click(object sender,
EventArgs e)         {
            Response.Redirect("registration.aspx");
}           protected void Button2_Click(object sender,
EventArgs e)          {
            Response.Redirect("user_login.aspx");
}                     protected void Button3_Click1(object
sender, EventArgs e)         {
            Response.Redirect("admin_login.aspx");
    }
    }
}
```

Output:

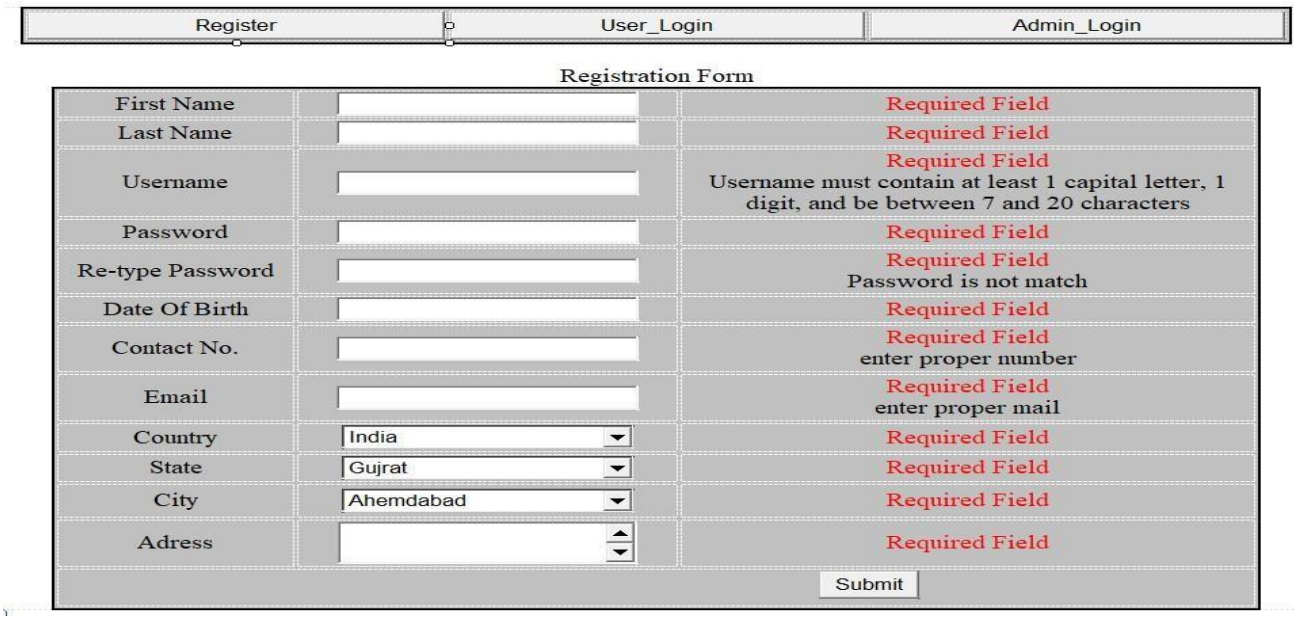
Name: AMIT GOSWAMI

Enrollment No:21012021003
Batch/Branch: (4AB5)/CEIT-B



1). Design ASP.net web forms to create User module for registration using various server controls, ajax and validation controls. Registration form accepts first name, last name, username, password, date of birth, contact no, email, country, state, city and address All the information entry is compulsory. Password should be reconfirmed. Email id should be valid. Username should have at least a capital letter and digit as well as length should be between 7 and 20 characters. Write ADO .Net code to insert record of user registration into user table.

Registration.aspx



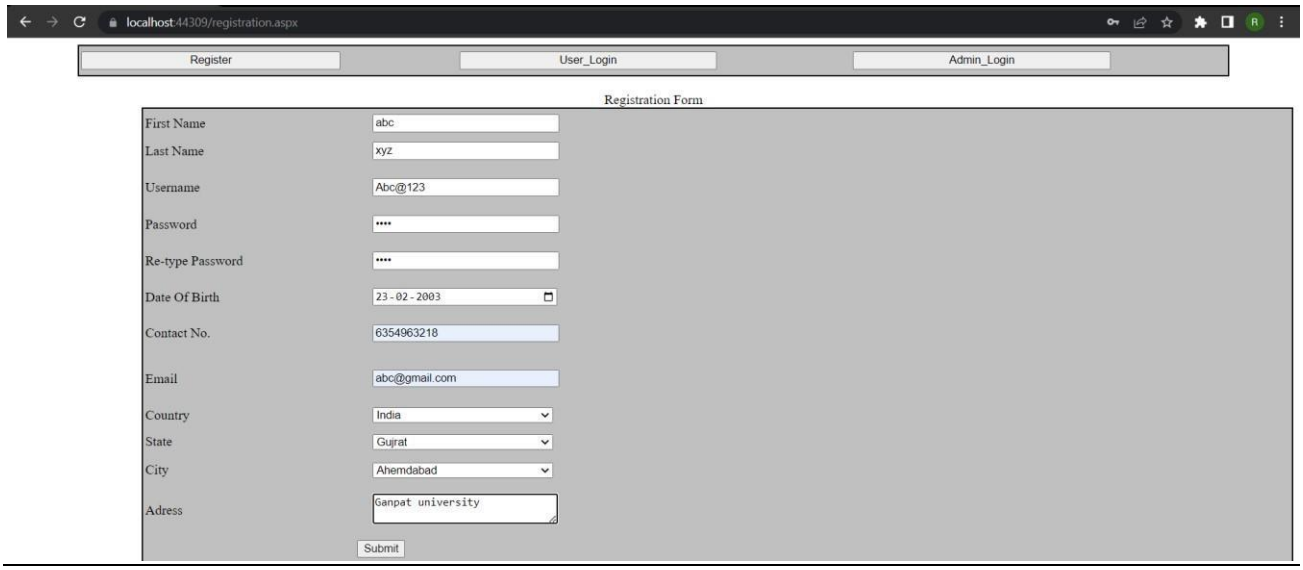
<u>Registration.aspx.cs</u>

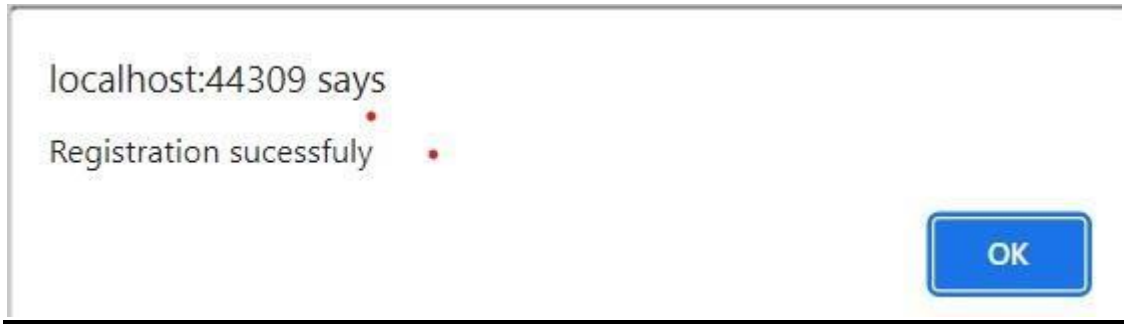
Name: AMIT GOSWAMI

Enrollment No:21012021003

Batch/Branch: (4AB5)/CEIT-B

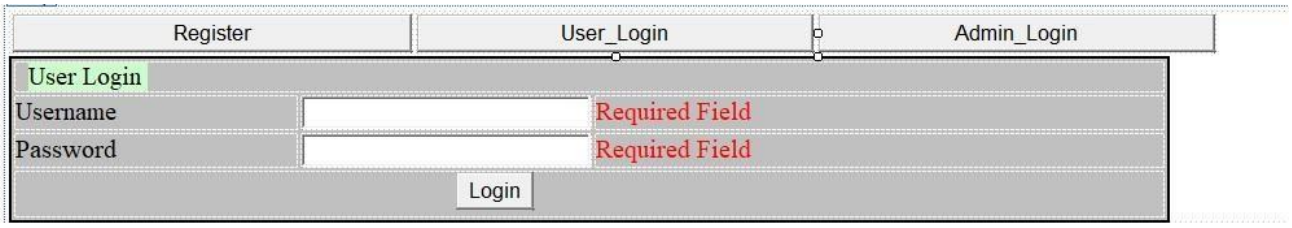
```
using System;
using System.Collections.Generic;
using System.Linq; using
System.Web; using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient; using
System.Data;
  namespace
Practical_13_1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection("Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Dell\\Documents\\Practice
.mdf;Integrated    Security=True;Connect    Timeout=30");         protected
void Page_Load(object sender, EventArgs e)
        {
            ValidationSettings.UnobtrusiveValidationMode =
UnobtrusiveValidationMode.None;

        }           protected void fn_TextChanged(object sender,
EventArgs e)         {

        }



                    protected void Button1_Click(object sender,
EventArgs e)
        {
con.Open();
            SqlCommand cmd = con.CreateCommand();
cmd.CommandType = CommandType.Text;
            cmd.CommandText = ("insert into Practical_13 values('" + fn.Text + "','" +
ln.Text + "','" + un.Text + "','" + pd.Text + "','" + dob.Text + "','" + cn.Text +  "','"
+ email.Text + "','" + dropdown_country.Text + "','" + dropdown_state.Text +
"','" + dropdown_city.Text + "','" + adress.Text + "')");
int result = cmd.ExecuteNonQuery();

con.Close();
             if (result >
0)
            {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('Registration sucessfuly')</script>");
            }
else
            {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('Error in registration')</script>");
            }
            un.Text = "";
        }}}
```





2). Develop Login Module of user by checking username and password using database. If user has entered correct login credentials then store the information into session and redirect user to welcome page and display welcome message

User_login.aspx:



Welcome.aspx

User_login.aspx.cs:

```
using System;  using
System.Collections.Generic;
using System.Data.SqlClient; using
System.Data; using
System.Drawing; using
System.Linq; using System.Web; using
System.Web.UI;
using System.Web.UI.WebControls;
  namespace
Practical_13_1
{
    public partial class update_user : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection("Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Dell\\Documents\\Practice
.mdf;Integrated    Security=True;Connect    Timeout=30");         protected
void Page_Load(object sender, EventArgs e)
        {

        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlCommand cmd = con.CreateCommand();
cmd.CommandType = CommandType.Text;
            cmd.CommandText = ("update Practical_13 set Firstname='" + fn.Text +
"',Lastname='" + ln.Text + "',Username='" + un.Text + "',Password='" + pd.Text +
"',DateOfBirth='" + dob.Text + "',ContactNo='" + cn.Text + "',Email='" + email.Text +
"',Country='" + dropdown_country.Text + "',State='" + dropdown_state.Text +
"',City='" + dropdown_city.Text + "',Address='" + adress.Text + "'where Username='"
+ un.Text + "' ");
            int result = cmd.ExecuteNonQuery();
con.Close();
              if (result >
0)
            {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('Update  sucessfuly')</script>");
            }
else
              {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('Error in Update')</script>");
            }
```

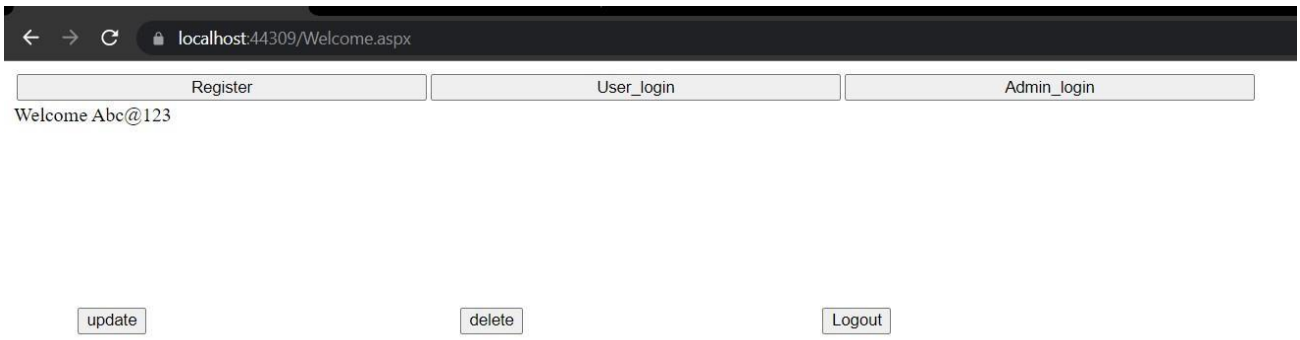
```
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            Response.Redirect("user_login.aspx");
        }
        protected void Button3_Click(object sender, EventArgs e)
{
            Response.Redirect("admin_login.aspx");
        }
        protected void Button4_Click(object sender, EventArgs e)
        {
            Response.Redirect("registration.aspx");
        }
    }
}
```

Welcome.aspx.cs:

```
using System;  using
System.Collections.Generic;
using System.Data; using
System.Data.SqlClient; using
System.Linq; using System.Web; using
System.Web.UI;
using System.Web.UI.WebControls;
  namespace
Practical_13_1
{
    public partial class welcome : System.Web.UI.Page
    {                   protected void Page_Load(object
sender, EventArgs e)
        {

                Label1.Text = "Welcome " + Session["username"];



        }          protected void Button1_Click(object sender,
EventArgs e)         {
            Session.Remove("username");
            Response.Redirect("user_login.aspx");
        }
        protected void Button2_Click(object sender, EventArgs e)
{
            Response.Redirect("update_user.aspx");
        }
        protected void Button3_Click(object sender, EventArgs e)
{
            SqlConnection con = new SqlConnection("Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Dell\\Documents\\Practice
.mdf;Integrated Security=True;Connect Timeout=30");
con.Open();
            ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('  suceuser deleted ssfuly')</script>");
SqlCommand cmd = con.CreateCommand();             cmd.CommandType =
CommandType.Text;
```

```
            cmd.CommandText = ("delete Practical_13  where  username='" +
Session["username"] + "' ");              int result = cmd.ExecuteNonQuery();

con.Close();
              if (result >
0)
            {
                Response.Redirect("homepage.aspx");
            }
else
            {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('Error in delete')</script>");
            }
}
        protected void Button9_Click(object sender, EventArgs e)
        {
            Response.Redirect("registration.aspx");
        }           protected void Button7_Click(object sender,
EventArgs e)
        {
            Response.Redirect("user_login.aspx");
        }
        protected void Button8_Click(object sender, EventArgs e)
        {
            Response.Redirect("admin_login.aspx");
        }
    }
}
```

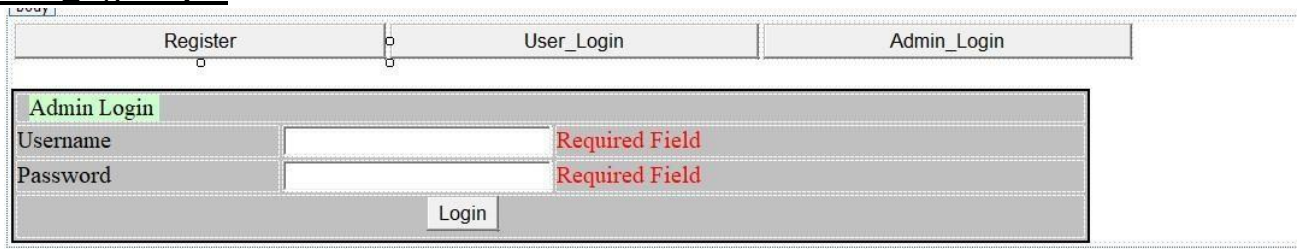
Output:



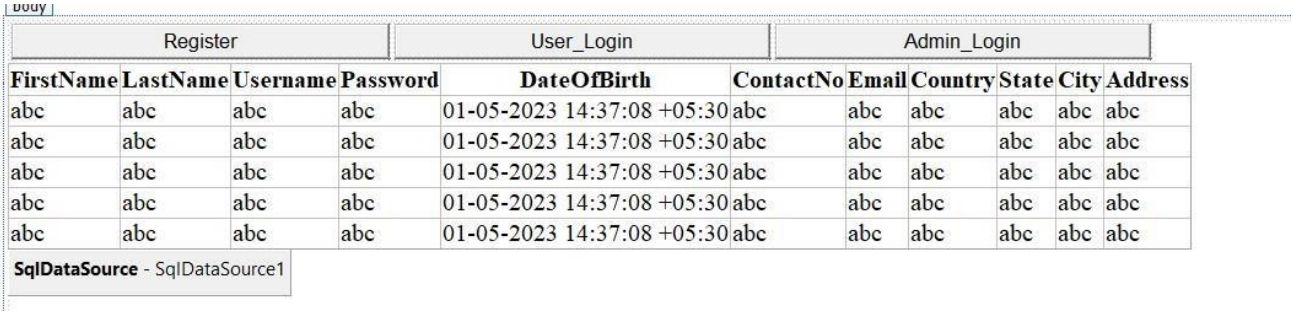
3). Create a Admin Module to display list of user to admin using grid view and ajax controls using database.

4). Develop Login Module of admin by checking username and password using database. If admin has entered correct login credentials then store the information into session and redirect user to welcome page and display welcome message

Admin_login.aspx:



Admin_panel.aspx:



FirstName	LastName	Username	Password	DateOfBirth	ContactNo	Email	Country	State	City	Address
abc	abc	abc	abc	01-05-2023 14:37:08 +05:30	abc	abc	abc	abc	abc	abc
abc	abc	abc	abc	01-05-2023 14:37:08 +05:30	abc	abc	abc	abc	abc	abc
abc	abc	abc	abc	01-05-2023 14:37:08 +05:30	abc	abc	abc	abc	abc	abc
abc	abc	abc	abc	01-05-2023 14:37:08 +05:30	abc	abc	abc	abc	abc	abc
abc	abc	abc	abc	01-05-2023 14:37:08 +05:30	abc	abc	abc	abc	abc	abc

Admin_login.aspx.cs:

```
using System;  using
System.Collections.Generic;
using System.Data; using
System.Data.SqlClient; using
System.Linq; using System.Web; using
System.Web.UI;
using System.Web.UI.WebControls;
  namespace
Practical_13_1
{
    public partial class admin_login : System.Web.UI.Page
    {
        SqlConnection con = new SqlConnection("Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Dell\\Documents\\Practice
.mdf;Integrated    Security=True;Connect    Timeout=30");
protected void Page_Load(object sender, EventArgs e)
{
            ValidationSettings.UnobtrusiveValidationMode =
UnobtrusiveValidationMode.None;

        }
        protected void Button1_Click(object sender, EventArgs e)
        {
```

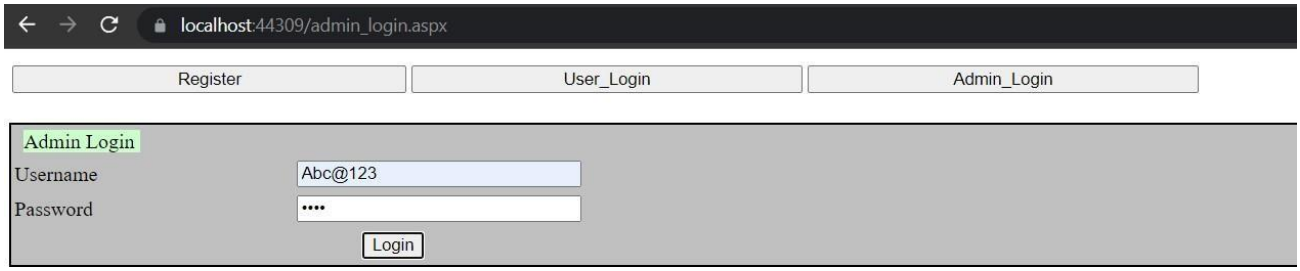
```
            con.Open();
            SqlCommand cmd = con.CreateCommand();
cmd.CommandType = CommandType.Text;
            cmd.CommandText = ("select * from Practical_13  where Username='" +
un.Text + "' and Password ='" + pd.Text + "'");             int result =
(int)cmd.ExecuteScalar();

con.Close();
              if (result >
0)              {
                Session["username"] = un.Text;
                Response.Redirect("admin_panel.aspx");
            }
else
            {
                ClientScript.RegisterStartupScript(Page.GetType(),    "validation", "<script
language='javascript'>alert('Error in login (username and password are not
mathch)')</script>");

            }             un.Text
= "";             pd.Text = "";
        }
}
 }
```

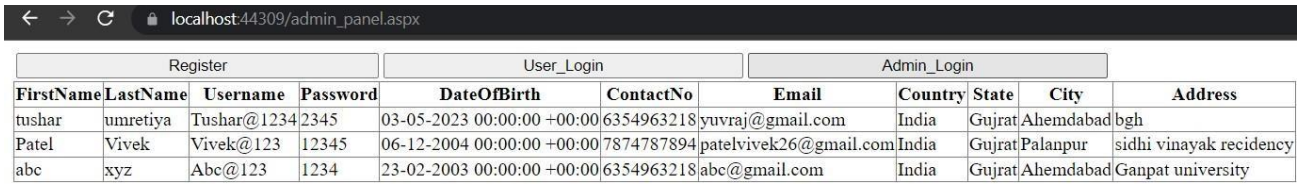
Admin_panel.aspx:

```
using System;  using
System.Collections.Generic;
using System.Data; using
System.Data.SqlClient; using
System.Linq; using System.Web; using
System.Web.UI;
using System.Web.UI.WebControls;
  namespace
Practical_13_1
{     public partial class admin_panel :
System.Web.UI.Page     {
        SqlConnection con = new SqlConnection("Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Dell\\Documents\\Practice
.mdf;Integrated Security=True;Connect Timeout=30");
protected void Page_Load(object sender, EventArgs e)
{

        }
        protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
        {
con.Open();
            SqlCommand cmd = con.CreateCommand();
cmd.CommandType = CommandType.Text;
           SqlDataAdapter dataAdapter= new SqlDataAdapter("SELECT * FROM
Practical_13",con);
            DataTable dt = new DataTable();
dataAdapter.Fill(dt);
            GridView1.DataSource = dt;
            GridView1.DataBind();

        }
```

```
    }   }
```

Output
:

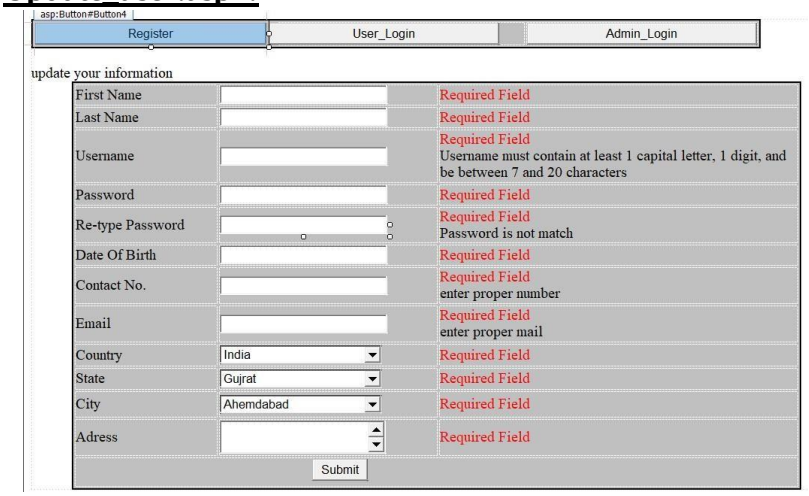




FirstName	LastName	Username	Password	DateOfBirth	ContactNo	Email	Country	State	City	Address
tushar	umretiya	Tushar@1234	2345	03-05-2023 00:00:00 +00:00	6354963218	yuvraj@gmail.com	India	Gujrat	Ahemdabad	bgh
Patel	Vivek	Vivek@123	12345	06-12-2004 00:00:00 +00:00	7874787894	patelvivek26@gmail.com	India	Gujrat	Palanpur	sidhi vinayak recidency
abc	xyz	Abc@123	1234	23-02-2003 00:00:00 +00:00	6354963218	abc@gmail.com	India	Gujrat	Ahemdabad	Ganpat university

5).Write ADO .Net code in User Module to update and delete profile of user from database.

Update_user.aspx:

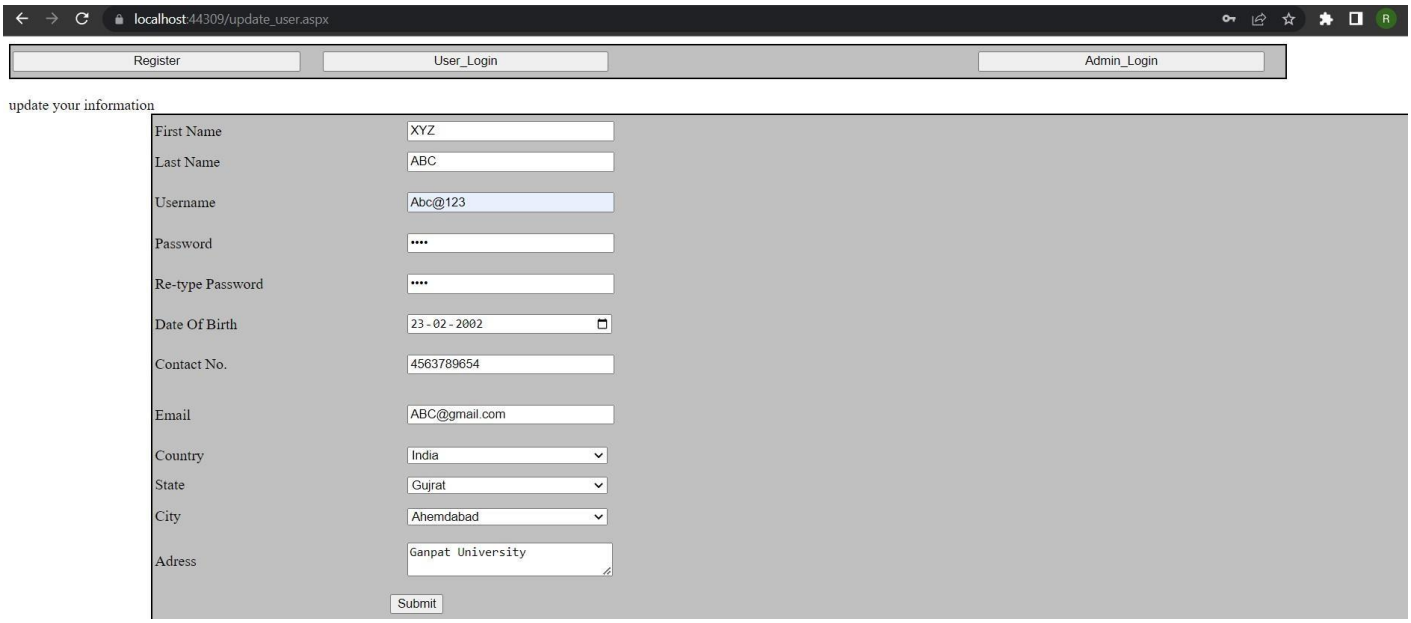


Update_user.aspx.cs:

```
using System;  using
System.Collections.Generic;
using System.Data.SqlClient; using
System.Data; using
System.Drawing; using
System.Linq; using System.Web; using
System.Web.UI;
using System.Web.UI.WebControls;
  namespace
Practical_13_1
{      public partial class update_user :
System.Web.UI.Page      {
        SqlConnection con = new SqlConnection("Data
```

```
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=C:\\Users\\Dell\\Documents\\Practice
.mdf;Integrated    Security=True;Connect    Timeout=30");
protected void Page_Load(object sender, EventArgs e)
{
            ValidationSettings.UnobtrusiveValidationMode =
UnobtrusiveValidationMode.None;

        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlCommand cmd = con.CreateCommand();
cmd.CommandType = CommandType.Text;
            cmd.CommandText = ("update Practical_13 set Firstname='" + fn.Text +
"',Lastname='" + ln.Text + "',Username='" + un.Text + "',Password='" + pd.Text +
"',DateOfBirth='" + dob.Text + "',ContactNo='" + cn.Text + "',Email='" + email.Text +
"',Country='" + dropdown_country.Text + "',State='" + dropdown_state.Text +
"',City='" + dropdown_city.Text + "',Address='" + adress.Text + "'where Username='"
+ un.Text + "' ");              int result =
cmd.ExecuteNonQuery();

con.Close();
              if (result >
0)
            {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation",
"<script language='javascript'>alert('Update  sucessfuly')</script>");
            }
else
              {
                ClientScript.RegisterStartupScript(Page.GetType(), "validation", "<script
language='javascript'>alert('Error in Update')</script>");
            }

        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            Response.Redirect("user_login.aspx");
        }            protected void Button3_Click(object sender,
EventArgs e)
        {
            Response.Redirect("admin_login.aspx");
        }            protected void Button4_Click(object sender,
EventArgs e)
        {
            Response.Redirect("registration.aspx");
}
}
  }
```

Output:


localhost:44309/update_user.aspx
Register
User_Login
Admin_Login
update your information
First Name
XYZ
Last Name
ABC
Username
Abc@123
Password
Re-type Password
Date Of Birth
23-02-2002
Contact No.
4563789654
Email
ABC@gmail.com
Country
India
State
Gujrat
City
Ahemdabad
Adress
Ganpat University
Submit

localhost:44309 says
Update sucessfuly
OK