

Practical 13

AIM:- Create Web Application having Registration Module of User.

1. Design ASP.net web forms 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.
2. Write ADO.net code to insert record of user registration into user table.

Registration.aspx Code:

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Registration.aspx.cs" Inherits="practical_12.Registration" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <style type="text/css">
        .auto-style4 {
            width: 43%;
        }
        .auto-style5 {
            width: 159px;
        }
    </style>
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <center>
        <div id="t1">
            <table class="auto-style4">
                <tr id="enroll">
                    <td class="auto-style5">
                        Enrollment No.
                    </td>
                    <td>
                        <asp:TextBox ID="TextBox1" runat="server" Width="157px"></asp:TextBox>
                    </td>
                </tr>
                <tr id="name">
                    <td class="auto-style5">
                        Name</td>
                    <td>
                        <asp:TextBox ID="TextBox2" runat="server" Width="251px"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style5">
                        Email ID</td>
                    <td>
                        <asp:TextBox ID="TextBox3" runat="server" Width="249px"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style5">
                        Mobail No.</td>
```

[illegible]

```

</tr>
<tr>
    <td class="auto-style5">
        State</td>
    <td>
        <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td class="auto-style5">
        City</td>
    <td>
        <asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td class="auto-style5">
        Country</td>
    <td>
        <asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td class="auto-style5" colspan="2">
        <asp:Button ID="Button1" runat="server" Text="Insert" Height="35px"
Width="66px" OnClick="Button1_Click" />
    </td>
</tr>
</table>
</div>
</center>
</asp:Content>

```

Registration.aspx.cs Code:

```

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.Text.RegularExpressions;

namespace practical_12
{
    public partial class Registration : System.Web.UI.Page
    {
        SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=E:\sem
4\collge\adt\p12\practical_12\practical_12\App_Data\Database1.mdf;Integrated
Security=True");

        int flage = 0;
        public void validation()
        {
            if (Label1.Visible == true)

```

```
{
    Label1.Visible = false;
}
if (TextBox1.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (TextBox2.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (TextBox3.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (!string.IsNullOrEmpty(TextBox3.Text))
{
    Regex regex = new Regex(@"\w+([-+.] \w+)*@\w+([-.] \w+)*\.\w+([-.] \w+)*");
    if (!regex.IsMatch(TextBox5.Text))
    {
        Label1.Text = "Enter a proper emsil id";
        Label1.Visible = true;
    }
    flage = 1;
}

if (TextBox4.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (!string.IsNullOrEmpty(TextBox4.Text))
{
    Regex regex = new Regex(@"^[6-9]{1}[0-9]{9}$");
    if (!regex.IsMatch(TextBox4.Text))
    {
        Label1.Text = "Enter a proper Mobail No.";
        Label1.Visible = true;
    }
    flage = 1;
}

if (DropDownList1.SelectedIndex == 0)
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}
```

```

    }

    if (DropDownList2.SelectedIndex == 0)
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox8.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox5.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox6.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox7.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }
}
protected void Button1_Click(object sender, EventArgs e)
{
    flage = 0;
    validation();
    conn.Open();
    string g = "#";
    if (RadioButton1.Checked == true)
    {
        g = "Male";
    }
    else
    {
        g = "Female";
    }
    string insert = "insert into
pr13(Enroll_No,Name,Email_Id,Mobail_No,Branch,Sem,Gender,Address,State,City,Country)
values(' + TextBox1.Text + ',' + TextBox2.Text + ',' + TextBox3.Text + ',' +
TextBox4.Text + ',' + DropDownList1.Text + ',' + DropDownList2.Text + ',' + g +
',' + TextBox8.Text + ',' + TextBox5.Text + ',' + TextBox6.Text + ',' +
TextBox7.Text + ')";
    //Response.Write(insert);

```

```

SqlCommand cmd = new SqlCommand(insert, conn);

cmd.ExecuteNonQuery();
conn.Close();
    }
}

```

Output:

Name	Data Type	Allow Nulls	Default
User_name	varchar(50)	<input type="checkbox"/>	
Password	varchar(50)	<input checked="" type="checkbox"/>	
Enroll_no	varchar(50)	<input checked="" type="checkbox"/>	
Name	varchar(50)	<input checked="" type="checkbox"/>	
Email_Id	varchar(50)	<input checked="" type="checkbox"/>	
Mobile_No	varchar(50)	<input checked="" type="checkbox"/>	
Branch	varchar(50)	<input checked="" type="checkbox"/>	
Sem	varchar(50)	<input checked="" type="checkbox"/>	
Gender	varchar(50)	<input checked="" type="checkbox"/>	
Address	varchar(50)	<input checked="" type="checkbox"/>	
State	varchar(50)	<input checked="" type="checkbox"/>	
City	varchar(50)	<input checked="" type="checkbox"/>	
Country	varchar(50)	<input checked="" type="checkbox"/>	
role	varchar(50)	<input type="checkbox"/>	('client')

User_name	Password	Enroll_no	Name	Email_Id	Mobile_No	Branch	Sem	Gender	Address	State	City	Country
harikrushn3007	Dhruvi2270311hk	20012021063	harikrushn cha...	harikrushntalav...	7575899049	Information tec...	sem 4	Male	G block	Gujarat	Surat	India
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL