

## Experiment Title.

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<b>Branch:</b>	UIC	<b>Section/Group:</b>	Sec-C/G1
<b>Semester:</b>	5th	<b>Date of Performance:</b>	22/8/2020
<b>Subject Name:</b>	Web Development Application Using Visual Studio		
<b>Subject Code:</b>	CAA-814		

**1. Aim/Overview of the practical:** Design a Registration form.

**2. Task to be done:**

1. Design a Registration page. In which fields are like First name, last name, email, password and phone no and also put the validation of regular expression, required field and compare validator on to it.

2. Design a Forget Password Page. In this fields are username and Date of Birth and then check the authenticity of user by sending mail to their account.

**3 Code for experiment/practical:**

**Code** 1. Design a Registration page. In which fields are like First name, last name, email, password and phone no and also put the validation of regular expression, required field and compare validator on to it.

using System;

using System.Collections.Generic;

using System.Configuration;

using System.Data.SqlClient;

using System.Linq;

using System.Web;

using System.Web.UI;



using System.Web.UI.WebControls;

namespace Assignment3

```
{  
    public partial class Forgot : System.Web.UI.Page  
    {  
        SqlConnection sqlConnection = new  
SqlConnection(ConfigurationManager.ConnectionStrings["Connection"].ConnectionString);  
  
        protected void Page_Load(object sender, EventArgs e)  
        {  
            sqlConnection.Open();  
        }  
  
        protected void validate(object sender, EventArgs e)  
        {  
            Boolean valid = false;  
  
            string email, date, pass;  
  
            email = emailtxt.Text;  
  
            date = dobtxt.Text;  
  
            pass = passtxt.Text;  
  
  
            string query = "select uname from m_user where email='" + email + "'";  
  
            SqlCommand cmd = new SqlCommand(query, sqlConnection);  
  
  
            SqlDataReader sd = cmd.ExecuteReader();  
  
            while (sd.Read())  
            {  
                valid = true;  
  
            }  
  
            if (valid)
```

{

```
query = "update m_user set password='" + pass + "' where email='" + email + "' and dob='" + date + "'";
```

```
SqlCommand c = new SqlCommand(query, sqlConnection);
```

```
c.ExecuteNonQuery();
```

```
ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alert", "alert('User Authenticated, Password Updated')", true);
```

```
}
```

```
else
```

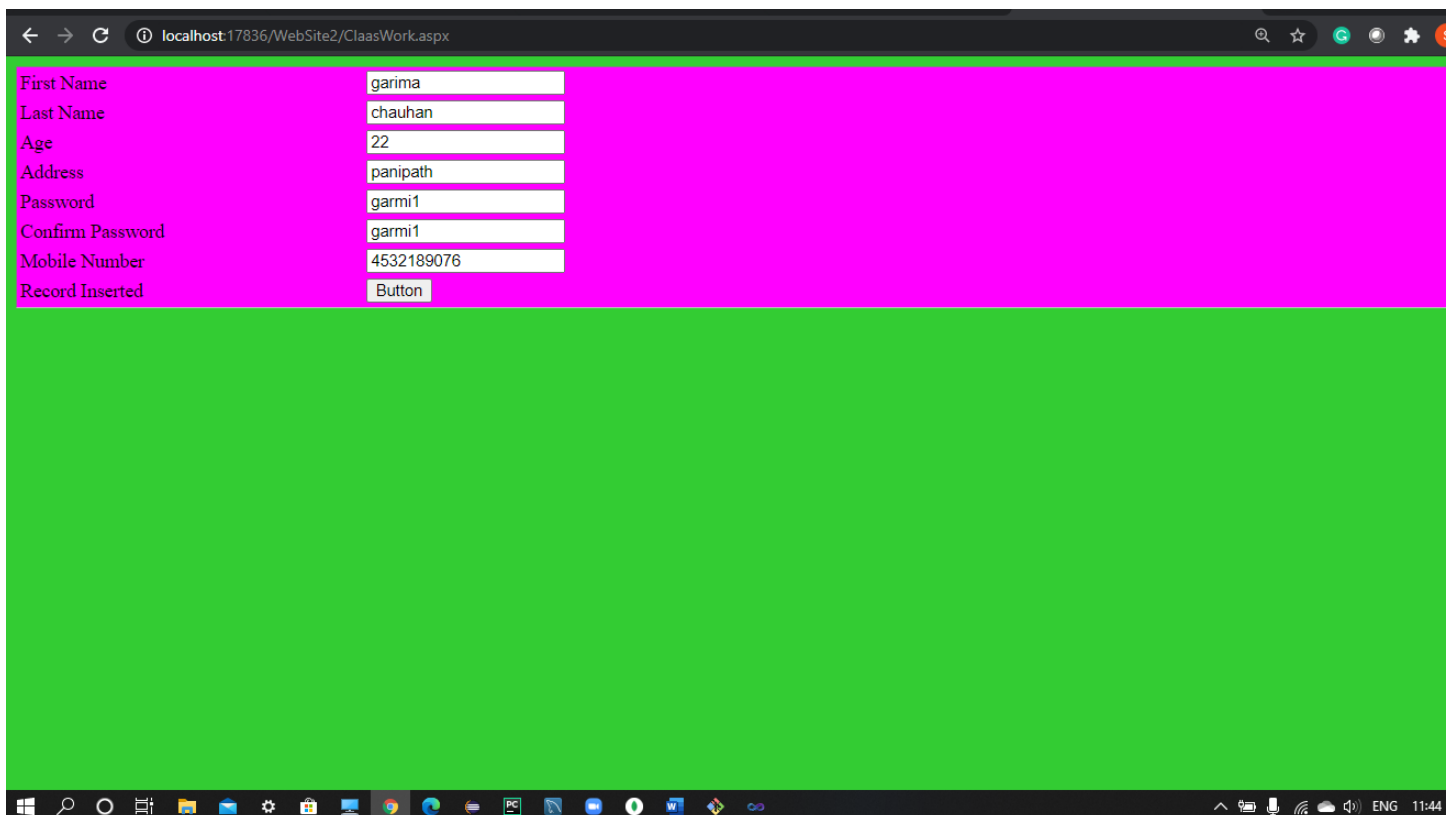
```
ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alert", "alert('User Not found')", true);
```

```
}
```

```
}
```

```
}
```

## Output:



First Name	garima
Last Name	chauhan
Age	22
Address	panipath
Password	garmi1
Confirm Password	garmi1
Mobile Number	4532189076
Record Inserted	Button

WebSite2 - Microsoft Visual Studio

```

File Edit View Refactor Website Build Debug Team Data Tools Architecture Test Analyze Window Help
classwork: Query(...qlxpress.MCA5CG1) ClaasWork.aspx.cs ClaasWork.aspx
ClaasWork
public partial class ClaasWork : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection("Data Source=\\SQLEXPRESS;Initial Catalog=MCA5CG1;Integrated Security=True");
        con.Open();
        SqlCommand cmd = new SqlCommand("insert into ClassWork([First Name],[Last Name],Age,Address>Password,[Confirm Password],[Mobile Number]) values('" + TextBox1.Text + "','" +
        cmd.ExecuteNonQuery();
        con.Close();
        Label1.Text = "Record Inserted";
    }
    protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args)
    {
        if (args.Value.Length == 6)
            args.IsValid = true;
        else
            args.IsValid = false;
    }
}

```

100 %

Error List

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WebSite2 - Microsoft Visual Studio

File Edit View Project Build Debug Team Data Query Designer Tools Architecture Test Analyze Window Help

classwork: Query(...qlxpress.MCA5CG1) ClaasWork.aspx.cs ClaasWork.aspx

	First Name	Last Name	Aqe	Address	Password	Confirm Pass...	Mobile Number
	gupta	ram	22	chandigarh	123@res	123@res	4532189076
	gupta	ram	22	chandigarh	123@res	123@res	4532189076
	kri	sita	33	panipath	sita	sita	5467890321
	chauhan	garima	22	panipath	garim1	garim1	4532189076
	NULL	NULL	NULL	NULL	NULL	NULL	NULL

**Code 2:** Design a Forget Password Page. In this fields are username and Date of Birth and then check the authenticity of user by sending mail to their account.

using System;

using System.Collections.Generic;

using System.Configuration;



```
using System.Data.SqlClient;
```

```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.UI;
```

```
using System.Web.UI.WebControls;
```

```
namespace Assignment3
```

```
{
```

```
    public partial class Forgot : System.Web.UI.Page
```

```
    {
```

```
        SqlConnection sqlConnection = new  
SqlConnection(ConfigurationManager.ConnectionStrings["Connection"].ConnectionString);
```

```
        protected void Page_Load(object sender, EventArgs e)
```

```
        {
```

```
            sqlConnection.Open();
```

```
        }
```

```
        protected void validate(object sender, EventArgs e)
```

```
        {
```

```
            Boolean valid = false;
```

```
            string email, date, pass;
```

```
            email = emailtxt.Text;
```

```
            date = dobtxt.Text;
```

```
            pass = passtxt.Text;
```

```
            string query = "select uname from m_user where email='" + email + "'";
```

```
            SqlCommand cmd = new SqlCommand(query, sqlConnection);
```

```
            SqlDataReader sd = cmd.ExecuteReader();
```

```
while (sd.Read())
```

```
    valid = true;
```

```
if (valid)
```

```
{
```

```
    query = "update m_user set password='" + pass + "' where email='" + email + "' and dob='"+date+"'";
```

```
    SqlCommand c = new SqlCommand(query, sqlConnection);
```

```
    c.ExecuteNonQuery();
```

```
    ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alert", "alert('User Authenticated, Password Updated')", true);
```

```
}
```

```
else
```

```
    ScriptManager.RegisterClientScriptBlock(this, this.GetType(), "alert", "alert('User Not found')", true);
```

```
}
```

```
}
```

```
}
```

### Learning outcomes (What I have learnt):

1. I have learnt how to create login page and registration page.
2. I have learnt to store the data(enquiry) of registration into my local database.

### Evaluation Grid:

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Demonstration and Performance (Pre Lab Quiz)		5
2.	Worksheet		10
3.	Post Lab Quiz		5