// Program On Connectivity Insert ,Update, Delete

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;

namespace Insert\_Update\_Delete\_Form

{

public partial class Application\_Form : System.Web.UI.Page

{

SqlConnection Con = new SqlConnection(@"Data Source=.\sqlexpress;Initial Catalog=Student\_Register\_DB;Integrated Security=True");

void SCon\_Open()

{

if (true)

{

Con.Open();

}

}

void SCon\_Closed()

{

Con.Close();

}

protected void Page\_Load(object sender, EventArgs e)

{

txtID.Text = Convert.ToString(Auto\_Incr());

}

int Auto\_Incr()

{

SCon\_Open();

SqlCommand Cmd = new SqlCommand();

Cmd.Connection = Con;

Cmd.CommandText = "Select Count(\*) From Students\_Details ";

Int Cnt = Convert.ToInt32(Cmd.ExecuteScalar());

Cmd.Dispose();

if (Cnt > 0)

{

Cmd.Connection = Con;

Cmd.CommandText = "Select Max(SID) From Students\_Details ";

Cnt = Convert.ToInt32(Cmd.ExecuteScalar());

Cnt = Cnt + 1;

}

else

{

Cnt = 1;

}

SCon\_Closed();

return Cnt;

}

void ShowMessage(string msg)

{

ClientScript.RegisterStartupScript(Page.GetType(), "validation", "<script language='javascript'>alert('" + msg + "');</script>");

}

void clear()

{

txtID.Text = Convert.ToString(Auto\_Incr());

txtName.Text = "";

txtAddress.Text = "";

txtMobile.Text = "";

txtEmail.Text = "";

txtName.Focus();

}

protected void btnSubmit\_Click(object sender, EventArgs e)

{

SCon\_Open();

if (txtName.Text != "" && txtMobile.Text != "" && txtEmail.Text != "" && txtAddress.Text != "")

{

SqlCommand cmd = new SqlCommand("Insert into Students\_Details (SID,Name,Address,Mobile,Email ) values (@ID,@Name,@Address,@Mobile,@Email)", Con);

cmd.Parameters.AddWithValue("@ID", txtID.Text);

cmd.Parameters.AddWithValue("@Name", txtName.Text);

cmd.Parameters.AddWithValue("@Address", txtAddress.Text);

cmd.Parameters.AddWithValue("@Mobile", txtMobile.Text);

cmd.Parameters.AddWithValue("@Email", txtEmail.Text);

cmd.ExecuteNonQuery();

cmd.Dispose();

ShowMessage("Registered successfully......!");

clear();

}

else

{

ShowMessage("Please, Fill All The Records");

}

SCon\_Closed();

}

protected void btnUpdate\_Click(object sender, EventArgs e)

{

SCon\_Open();

if (txtID.Text != "")

{

SqlCommand cmd = new SqlCommand("update Students\_Details Set Name=@Name,Address=@Address,Mobile=@Mobile,Email=@Email where SID = @SID", Con);

cmd.Parameters.AddWithValue("@Name", txtName.Text);

cmd.Parameters.AddWithValue("@Address", txtAddress.Text);

cmd.Parameters.AddWithValue("@Mobile", txtMobile.Text);

cmd.Parameters.AddWithValue("@Email", txtEmail.Text);

cmd.Parameters.AddWithValue("@SID",txtID.Text);

cmd.ExecuteNonQuery();

cmd.Dispose();

ShowMessage("Student Data update Successfully......!");

}

else

{

ShowMessage("Enter Roll No First");

}

SCon\_Closed();

}

}

}

Web Page Source

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Application\_Form.aspx.cs" Inherits="Insert\_Update\_Delete\_Form.Application\_Form" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title> Student Registration</title>

<style type="text/css">

.style1

{

width: 130px;

}

</style>

</head>

<body>

<form id="form1" runat="server">

<div>

<center>

<tital>Student Registration</title>

<table>

<tr>

<td class="td">ID:</td>

<td>

<asp:TextBox ID="txtID" runat="server" Width="200px"></asp:TextBox></td>

<td class="style1">

</tr>

<tr>

<td class="td">Name:</td>

<td>

<asp:TextBox ID="txtName" runat="server" Width="201px"></asp:TextBox></td>

<td class="style1">

</tr>

<tr>

<td class="td">Address:</td>

<td>

<asp:TextBox ID="txtAddress" runat="server" Width="200px"></asp:TextBox></td>

<td class="style1"> </td>

</tr>

<tr>

<td class="td">Mobile:</td>

<td>

<asp:TextBox ID="txtMobile" runat="server" Width="201px"></asp:TextBox></td>

<td class="style1"> </td>

</tr>

<tr>

<td class="td">Email ID:</td>

<td>

<asp:TextBox ID="txtEmail" runat="server" Width="199px"></asp:TextBox></td>

<td class="style1"> </td>

</tr>

<tr>

<td></td>

<td>

<asp:Button ID="btnSubmit" runat="server" Text="Submit" OnClick="btnSubmit\_Click" />

<asp:Button ID="btnUpdate" runat="server" Text="Update" OnClick="btnUpdate\_Click" />

</td>

<td class="style1"></td>

</tr>

</table>

<div>

</center>

</div>

</div>

</form>

</body>

</html>

Output :-

