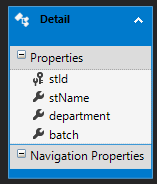
**LAB # 01**

**Task # 01: Create CRUD application using webform.**

**Solution:**

**DATABASE:**

create database Student

use Student

create table Detail(

stId int identity(1,1) primary key,

stName varchar(50),

department varchar(50),

batch varchar(50)

)

**Web Form Code.aspx:**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="WebApplication3.WebForm1" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:Label ID="Label1" runat="server" Text="ID: "></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox1" runat="server" Width="171px"></asp:TextBox><br />

<asp:Label ID="Label2" runat="server" Text="Name: "></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox2" runat="server" Width="169px"></asp:TextBox><br />

<asp:Label ID="Label3" runat="server" Text="Department: "></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox3" runat="server" Width="168px"></asp:TextBox><br />

<asp:Label ID="Label4" runat="server" Text="Batch: "></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

&nbsp;&nbsp;&nbsp;&nbsp;

<asp:TextBox ID="TextBox4" runat="server" Width="167px"></asp:TextBox>

<br />

<asp:Button ID="Button1" runat="server" Text="Create" OnClick="Button1\_Click1" />

<asp:Button ID="Button2" runat="server" Text="Update" OnClick="Button2\_Click" />

<asp:Button ID="Button3" runat="server" Text="Delete" OnClick="Button3\_Click" />

<br />

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" DataKeyNames="stId" DataSourceID="SqlDataSource1">

<Columns>

<asp:BoundField DataField="stId" HeaderText="stId" InsertVisible="False" ReadOnly="True" SortExpression="stId" />

<asp:BoundField DataField="stName" HeaderText="stName" SortExpression="stName" />

<asp:BoundField DataField="department" HeaderText="department" SortExpression="department" />

<asp:BoundField DataField="batch" HeaderText="batch" SortExpression="batch" />

</Columns>

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$ ConnectionStrings:StudentConnectionString2 %>" SelectCommand="SELECT \* FROM [Detail]"></asp:SqlDataSource>

</div>

</form>

</body>

</html>

**Webform.aspx.cs:**

namespace WebApplication3

{

public partial class WebForm1 : System.Web.UI.Page

{

SqlConnection con = new SqlConnection("Data Source=DESKTOP-27TFO05;Initial Catalog=Student;User ID=sa;Password=amjad");

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

{

}

protected void Button2\_Click(object sender, EventArgs e)

{

con.Open();

string update = string.Format("Update Detail set stName='{0}',department='{1}',batch='{2}' where stId={3}",TextBox2.Text,TextBox3.Text,TextBox4.Text,int.Parse(TextBox1.Text));

SqlCommand cmd = new SqlCommand(update,con);

cmd.ExecuteNonQuery();

Response.Redirect("WebForm1.aspx");

con.Close();

}

protected void Button3\_Click(object sender, EventArgs e)

{

con.Open();

string delete = string.Format("delete from Detail where stId={0}",Convert.ToInt32(TextBox1.Text));

SqlCommand cmd = new SqlCommand(delete,con);

cmd.ExecuteNonQuery();

Response.Redirect("WebForm1.aspx");

con.Close();

}

protected void Button1\_Click1(object sender, EventArgs e)

{

string create = string.Format("Insert into Detail(stName,department,batch)values('{0}','{1}','{2}')", TextBox2.Text, TextBox3.Text, TextBox4.Text);

con.Open();

SqlCommand cmd = new SqlCommand(create, con);

cmd.ExecuteNonQuery();

con.Close();

Response.Redirect("WebForm1.aspx");

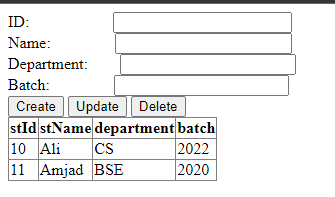
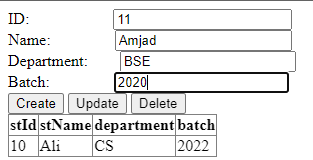
}

}

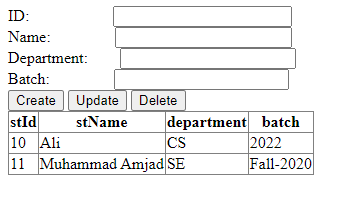
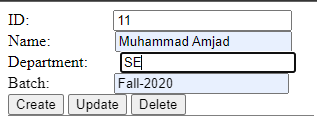
}

**Output:**

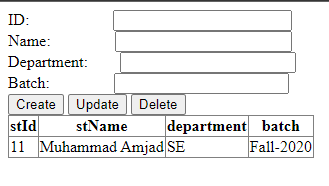
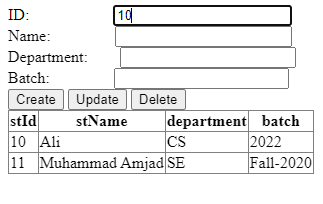
**Create:**



**Update:**



**Delete:**



**Task # 02: Setup your Azure Account.**

