Assignment-3

Q 1. Create an ASP.NET application that connect with the Access database and perform insert, update and delete operations on database and display the data in Details View control.

WebForm1.aspx.vb

```
Imports System.Data.OleDb
Imports System.Data
Public Class WebForm1
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\문서\studentDB.mdb")
    Dim ds As New DataSet
    Dim da As New OleDbDataAdapter("select * from StudTable", conn)
    Dim query As String

    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "insert into StudTable(Roll_no,Name,Address,Phone) values(" &
TextBox1.Text & ",'" & TextBox2.Text & "','" & TextBox3.Text & "','" &
TextBox4.Text & "')"
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        ds.Clear()
        da.Fill(ds, "StudTable")
        conn.Close()
        DetailsView1.DataBind()
    End Sub

    Protected Sub Button2_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "update StudTable set Name='" & TextBox2.Text & "',
Address='" & TextBox3.Text & "', Phone=" & TextBox4.Text & " where Roll_no="
& TextBox1.Text & " "
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        ds.Clear()
        da.Fill(ds, "StudTable")
        conn.Close()
        DetailsView1.DataBind()
    End Sub

    Protected Sub Button3_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "delete from StudTable where Roll_no=" & TextBox1.Text & " "
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        ds.Clear()
        da.Fill(ds, "StudTable")
        conn.Close()
        DetailsView1.DataBind()
    End Sub
End Class
```

Name: -Mansi Prasad

WebForm1.aspx

```asp
<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="WebForm1.aspx.vb" Inherits="detailsview.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="Roll no:
"></asp:Label>
            <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox><br /><br />
            <asp:Label ID="Label2" runat="server" Text="Name:
"></asp:Label>
            <asp:TextBox ID="TextBox2"
runat="server"></asp:TextBox><br /><br />
            <asp:Label ID="Label3" runat="server" Text="Address:
"></asp:Label>
            <asp:TextBox ID="TextBox3"
runat="server"></asp:TextBox><br /><br />
            <asp:Label ID="Label4" runat="server" Text="Phone:
"></asp:Label>
            <asp:TextBox ID="TextBox4"
runat="server"></asp:TextBox><br /><br />
            <asp:Button ID="Button1" runat="server" Text="Insert"
OnClick="Button1_Click" />
            <asp:Button ID="Button2" runat="server" Text="Update"
OnClick="Button2_Click" />
            <asp:Button ID="Button3" runat="server" Text="Delete"
OnClick="Button3_Click" />
            <br /><br />
            <asp:DetailsView ID="DetailsView1" runat="server"
Height="50px" Width="200px" DataSourceID="SqlDataSource1"
AllowPaging="True" AutoGenerateRows="False" DataKeyNames="Roll_no"
HeaderText="Student Details">
                <Fields>
                    <asp:BoundField DataField="Roll_no"
HeaderText="Roll no" ReadOnly="True" InsertVisible="False"
SortExpression="Roll_no"></asp:BoundField>
                    <asp:BoundField DataField="Name" HeaderText="Name"
SortExpression="Name"></asp:BoundField>
                    <asp:BoundField DataField="Address"
HeaderText="Address" SortExpression="Address"></asp:BoundField>
                    <asp:BoundField DataField="Phone"
HeaderText="Phone" SortExpression="Phone"></asp:BoundField>
                </Fields>
            </asp:DetailsView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString9 %>"
ProviderName="<%$ ConnectionStrings:ConnectionString9.ProviderName %>"
SelectCommand="SELECT * FROM [StudTable]"></asp:SqlDataSource>
```

Name: -Mansi Prasad

```
                    </div>
        </form>
</body>
</html>
```

Output: -

Insert: -

Roll no: 6

Name: Sharansh gupta

Address: Vapi

Phone: 13231

[Insert] [Update] [Delete]

Student Details	
Roll no	6
Name	Sharansh gupta
Address	Vapi
Phone	13231
1 2 3 4 5 6	

Update: -

Roll no: 1

Name: Mansi Prasad

Address: Vapi

Phone: 11111111

[Insert] [Update] [Delete]

Student Details	
Roll no	1
Name	Mansi Prasad
Address	Vapi
Phone	11111111
1 2 3 4 5 6	

Delete: -

Roll no: 5

Name: Manish

Address: Vapi

Phone: 32243443411

[Insert] [Update] [Delete]

Student Details	
Roll no	6
Name	Sharansh gupta
Address	Vapi
Phone	13231
1 2 3 4 5	

Name: -Mansi Prasad

Assignment-4

Q 1. Create an ASP.NET application that connect with the Access database and perform insert, update and delete operations on database and display the data in Data List control.

WebForm1.aspx.vb

```
Imports System.Data.OleDb
Imports System.Data
Public Class WebForm1
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\문서\StudDB.mdb")
    Dim ds As New DataSet
    Dim da As New OleDbDataAdapter("select * from Student", conn)
    Dim query As String
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "insert into Student(Roll_no,Name) values(" & TextBox1.Text &
",'" & TextBox2.Text & "')"
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        ds.Clear()
        da.Fill(ds, "Student")
        conn.Close()
        DataList1.DataBind()
    End Sub
    Protected Sub Button2_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "update Student set Name='" & TextBox2.Text & "' where
Roll_no=" & TextBox1.Text & " "
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        ds.Clear()
        da.Fill(ds, "Student")
        conn.Close()
        DataList1.DataBind()
    End Sub

    Protected Sub Button3_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "delete from Student where Roll_no=" & TextBox1.Text & " "
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        ds.Clear()
        da.Fill(ds, "Student")
        conn.Close()
        DataList1.DataBind()
    End Sub
End Class
```

Name: -Mansi Prasad

WebForm1.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="WebForm1.aspx.vb"
Inherits="DataList.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="Roll no:
"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br /><br
/>
            <asp:Label ID="Label2" runat="server" Text="Name: "></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br /><br
/>
            <asp:Button ID="Button1" runat="server" Text="Insert"
OnClick="Button1_Click" />
            <asp:Button ID="Button2" runat="server" Text="Update"
OnClick="Button2_Click" />
            <asp:Button ID="Button3" runat="server" Text="Delete"
OnClick="Button3_Click" /><br /><br /><br />
            <asp:DataList ID="DataList1" runat="server"
DataSourceID="SqlDataSource1">
                <ItemTemplate>
                    Roll no:
            <asp:Label ID="Rollnolabel" runat="server" Text='<%#
Eval("Roll_no") %>' ></asp:Label><br /><br />
            Name:
            <asp:Label ID="Namelabel" runat="server" Text='<%# Eval("Name")
%>' ></asp:Label><br /><br />
                </ItemTemplate>
            </asp:DataList>
            <asp:SqlDataSource runat="server" ID="SqlDataSource1"
ConnectionString="<%$ ConnectionStrings:ConnectionString5 %>"
DeleteCommand="DELETE FROM [Student] WHERE [Roll_no] = ?"
InsertCommand="INSERT INTO [Student] ([Roll_no], [Name]) VALUES (?, ?)"
ProviderName="<%$ ConnectionStrings:ConnectionString5.ProviderName %>"
SelectCommand="SELECT [Roll_no], [Name] FROM [Student]" UpdateCommand="UPDATE
[Student] SET [Name] = ? WHERE [Roll_no] = ?">
                <DeleteParameters>
                    <asp:Parameter Name="Roll_no"
Type="Int32"></asp:Parameter>
                </DeleteParameters>
                <InsertParameters>
                    <asp:Parameter Name="Roll_no"
Type="Int32"></asp:Parameter>
                    <asp:Parameter Name="Name" Type="String"></asp:Parameter>
                </InsertParameters>
                <UpdateParameters>
                    <asp:Parameter Name="Name" Type="String"></asp:Parameter>
                    <asp:Parameter Name="Roll_no"
Type="Int32"></asp:Parameter>
                </UpdateParameters>
            </asp:SqlDataSource>
        </div>
    </form>
```

Name: -Mansi Prasad

```
</body>
</html>
```

Output: -

Insert: -

Roll no: 2

Name: Mohit Gupta

[Insert] [Update] [Delete]

Roll no: 1
Name: Mansi Prasad

Roll no: 2
Name: Mohit Gupta

Update: -

Roll no: 2

Name: Mohit Shah

[Insert] [Update] [Delete]

Roll no: 1
Name: Mansi Prasad

Roll no: 2
Name: Mohit Shah

Delete: -

Roll no: 2

Name: Mohit Shah

[Insert] [Update] [Delete]

Roll no: 1
Name: Mansi Prasad

Name: -Mansi Prasad