

## Assignment- 15

Q 1. Create web pages for e-commerce Application to manage the details of the laptop including unique id, name of brand, model, price, RAM, size etc.

Provide following facility:

### 1. Add new Laptop

Source code: -

#### Insertlaptop.aspx

```
<%@ Page Title="" Language="vb" AutoEventWireup="false"
MasterPageFile="~/Site1.Master" CodeBehind="InsertLaptop.aspx.vb"
Inherits="E_commerce.InsertLaptop" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <div class="form">
        <h2 style="text-align:center;">Insert Laptop Details</h2>
        <asp:Label ID="Label1" runat="server" Text="ID:"
"></asp:Label><br />
        <asp:TextBox ID="TextBox1" runat="server"
CssClass="textbox"></asp:TextBox><br /><br />
        <asp:Label ID="Label2" runat="server" Text="Laptop Brand:"
"></asp:Label><br />
        <asp:TextBox ID="TextBox2" runat="server"
CssClass="textbox"></asp:TextBox><br /><br />
        <asp:Label ID="Label3" runat="server" Text="Laptop Model:"
"></asp:Label><br />
        <asp:TextBox ID="TextBox3" runat="server"
CssClass="textbox"></asp:TextBox><br /><br />
        <asp:Label ID="Label4" runat="server" Text="Laptop Price:"
"></asp:Label><br />
        <asp:TextBox ID="TextBox4" runat="server"
CssClass="textbox"></asp:TextBox><br /><br />
        <asp:Label ID="Label5" runat="server" Text="RAM:"
"></asp:Label><br />
        <asp:TextBox ID="TextBox5" runat="server"
CssClass="textbox"></asp:TextBox><br /><br />
        <asp:Label ID="Label6" runat="server" Text="Screen Size:"
"></asp:Label><br />
        <asp:TextBox ID="TextBox6" runat="server"
CssClass="textbox"></asp:TextBox><br /><br />
        <asp:Button ID="Button1" runat="server" Text="Insert"
CssClass="btn" OnClick="Button1_Click" />
    </div>
</asp:Content>
```

#### Insertlaptop.aspx.vb

```
Imports System.Data.OleDb
Imports System
```

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```

Public Class InsertLaptop
    Inherits System.Web.UI.Page
    Dim conn As New
OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\문서\LaptopDB.mdb")
    Dim cmd As New OleDbCommand()
    Dim da As New OleDbDataAdapter("select * from laptoptb", conn)
    Dim dts As New DataSet
    Dim query As String
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        conn.Open()
        query = "INSERT INTO
laptoptb(ID,brand,model,price,RAM,screen_size) values(" &
TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" &
TextBox4.Text & "','" & TextBox5.Text & "','" & TextBox6.Text & "')"
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        'dts.Clear()
        'da.Fill(dts, "laptoptb")
        conn.Close()
    End Sub
End Class

```

**Output: -**

The screenshot shows a web browser window with the address bar displaying 'https://localhost:44359/InsertLaptop.aspx'. The page title is 'E-commerce Application'. The main content area features a form titled 'Insert Laptop Details'. The form has the following fields and values:

- ID: 6763653
- Laptop Brand: Asus
- Laptop Model: Asus ROG Zephyrus G14 (2024)
- Laptop Price: \$1,599
- RAM: 16 GB (configurable up to 32 GB)
- Screen Size: 14 inches QHD Display

At the bottom of the form is a green 'Insert' button. The browser's taskbar at the bottom shows the date and time as 17:24 on 26-08-2024.

## 2. View all the laptop information.

**Source code: -**

### Viewlaptops.aspx

```

<%@ Page Title="" Language="vb" AutoEventWireup="false"
MasterPageFile="~/Site1.Master" CodeBehind="viewLaptops.aspx.vb"
Inherits="E_commerce.viewLaptops" %>

```

**Name: Mansi Prasad**

```

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <asp:GridView ID="GridView1" runat="server"
DataSourceID="SqlDataSource1" CssClass="gridview"></asp:GridView>
    <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>"
ProviderName="<%$ ConnectionStrings:ConnectionString.ProviderName %>"
SelectCommand="SELECT * FROM [laptopb]"></asp:SqlDataSource>
</asp:Content>

```

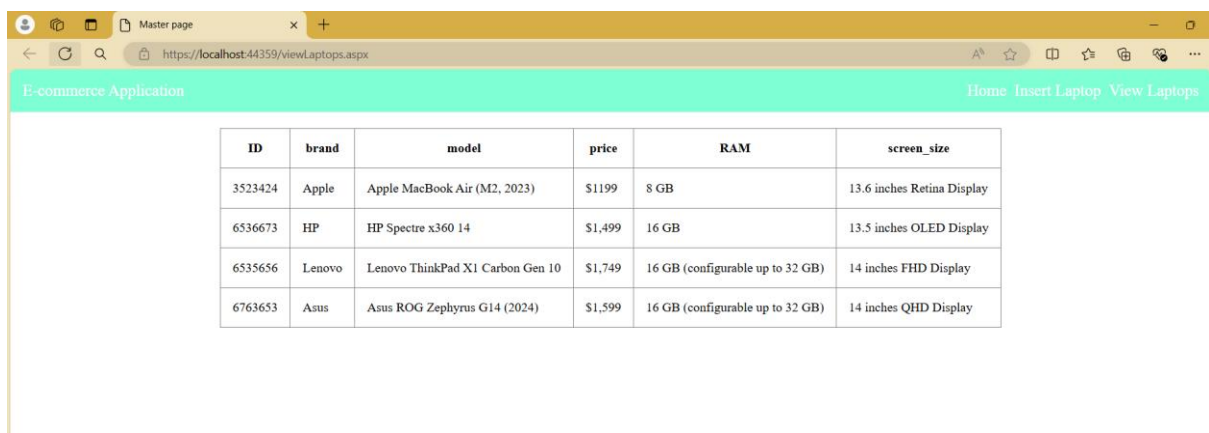
### Viewlaptops.aspx.vb

```

Imports System.Data.OleDb
Imports System
Public Class viewLaptops
    Inherits System.Web.UI.Page
    Dim conn As New
OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\문서\LaptopDB.mdb")
    Dim cmd As New OleDbCommand()
    Dim da As New OleDbDataAdapter("select * from laptopb", conn)
    Dim dts As New DataSet
    Dim query As String
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        conn.Open()
        query = "select * FROM laptopb"
        Dim cmd As New OleDbCommand(query, conn)
        cmd.ExecuteNonQuery()
        dts.Clear()
        da.Fill(dts, "laptopb")
        conn.Close()
        GridView1.DataBind()
    End Sub
End Class

```

**Output: -**



ID	brand	model	price	RAM	screen_size
3523424	Apple	Apple MacBook Air (M2, 2023)	\$1,199	8 GB	13.6 inches Retina Display
6536673	HP	HP Spectre x360 14	\$1,499	16 GB	13.5 inches OLED Display
6535656	Lenovo	Lenovo ThinkPad X1 Carbon Gen 10	\$1,749	16 GB (configurable up to 32 GB)	14 inches FHD Display
6763653	Asus	Asus ROG Zephyrus G14 (2024)	\$1,599	16 GB (configurable up to 32 GB)	14 inches QHD Display

**Name: Mansi Prasad**