

Module 7 Practicals

index.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="index.aspx.cs"
Inherits="WebApplication2_CRUD.index" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
    <title></title>
```

```
</head>
```

```
<body>
```

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

```
        <div>
```

```
            <asp:HiddenField ID="hfProductID" runat="server" />
```

```
            <table>
```

```
                <tr>
```

```
                    <td>
```

```
                        <asp:Label Text="Product" runat="server" />
```

```
                    </td>
```

```
                    <td colspan="2">
```

```
                        <asp:TextBox id="txtProduct" runat="server" />
```

```
                    </td>
```

```
                </tr>
```

```
                <tr>
```

```
                    <td>
```

```
                        <asp:Label Text="Price" runat="server" />
```

```
                    </td>
```

```
                    <td colspan="2">
```

```
                        <asp:TextBox id="txtPrice" runat="server" />
```

```
                    </td>
```

```
                </tr>
```

```
                <tr>
```

```
                    <td>
```

```
                        <asp:Label Text="Count" runat="server" />
```

```
                    </td>
```

```
                    <td colspan="2">
```

```
                        <asp:TextBox id="txtCount" runat="server" />
```

```
                    </td>
```

```
                </tr>
```

```
                <tr>
```

```
                    <td>
```

```
                        <asp:Label Text="Description" runat="server" />
```

```
                    </td>
```

```
                    <td colspan="2">
```

```

        <asp:TextBox id="txtDescription" runat="server"
Height="59px" />
    </td>
</tr>
<tr>
    <td></td>
    <td colspan="2">
        <asp:Button Text="Save" ID="btnSave" runat="server"
OnClick="btnSave_Click" />
        <asp:Button Text="Delete" ID="btnDelete"
runat="server" OnClick="btnDelete_Click" />
        <asp:Button Text="Clear" ID="btnClear"
runat="server" OnClick="btnClear_Click" />
    </td>
</tr>
<tr>
    <td></td>
    <td colspan="2">
        <asp:Label Text="" ID="lblSuccessMessage"
runat="server" ForeColor="Green" />
    </td>
</tr>
<tr>
    <td></td>
    <td colspan="2">
        <asp:Label Text="" ID="lblErrorMessage"
runat="server" ForeColor="Red" />
    </td>
</tr>
</table>
<br />
    <asp:GridView Id="gvProduct" runat="server"
AutoGenerateColumns="false">
    <Columns>
        <asp:BoundField DataField="Product"
HeaderText="Product" />
        <asp:BoundField DataField="Price" HeaderText="Price" />
        <asp:BoundField DataField="Count" HeaderText="Count"
/>
        <asp:TemplateField>
            <ItemTemplate>
                <asp:LinkButton Text="Select" ID="lnkSelect"
CommandArgument='<%# Eval("ProductID") %>' runat="server"
OnClick="lnkSelect_Click"/>
            </ItemTemplate>
        </asp:TemplateField>
    </Columns>
</asp:GridView>
</div>
</form>

```

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

index.aspx.cs :

```
using System;
using System.Data;
using System.Web.UI.WebControls;
using MySql.Data.MySqlClient;

namespace WebApplication2_CRUD
{
    public partial class index : System.Web.UI.Page
    {
        string connectionString =
@"Server=localhost;Database=rkit;Uid=root;Pwd="";
        protected void Page_Load(object sender, EventArgs e)
        {
            if(!IsPostBack)
            {
                Clear();
                GridFill();
            }
        }

        protected void btnSave_Click(object sender, EventArgs e)
        {
            try
            {
                using (MySqlConnection sqlCon = new
MySqlConnection(connectionString))
                {
                    sqlCon.Open();
                    MySqlCommand sqlCmd = new
MySqlCommand("ProductAddorEdit", sqlCon);
                    sqlCmd.CommandType = CommandType.StoredProcedure;
                    sqlCmd.Parameters.AddWithValue("_productid",
Convert.ToInt32(hfProductID.Value == "" ? "0" : hfProductID.Value));
                    sqlCmd.Parameters.AddWithValue("_product",
txtProduct.Text.Trim());
                    sqlCmd.Parameters.AddWithValue("_price",
Convert.ToDecimal(txtPrice.Text.Trim()));
                    sqlCmd.Parameters.AddWithValue("_count",
Convert.ToInt32(txtCount.Text.Trim()));
                    sqlCmd.Parameters.AddWithValue("_description",
txtDescription.Text.Trim());
                    sqlCmd.ExecuteNonQuery();
                    GridFill();
                    Clear();
                }
            }
            catch { }
        }
    }
}
```

```

        lblSuccessMessage.Text = "Saved Successfully";
    }
}
catch(Exception ex)
{
    lblErrorMessage.Text = ex.Message;
}
}

void Clear()
{
    hfProductID.Value = "";
    txtProduct.Text = txtPrice.Text = txtCount.Text = txtDescription.Text
= "";

    btnSave.Text = "Save";
    btnDelete.Enabled = false;
    lblErrorMessage.Text = lblSuccessMessage.Text = "";
}
protected void btnClear_Click(object sender, EventArgs e)
{
    Clear();
}

void GridFill()
{
    using (MySqlConnection sqlCon = new
MySqlConnection(connectionString))
    {
        sqlCon.Open();
        MySqlDataAdapter sqlDa = new
MySqlDataAdapter("ProductViewAll", sqlCon);
        sqlDa.SelectCommand.CommandType =
CommandType.StoredProcedure;
        DataTable dtbl = new DataTable();
        sqlDa.Fill(dtbl);
        gvProduct.DataSource = dtbl;
        gvProduct.DataBind();
    }
}

protected void lnkSelect_Click(object sender, EventArgs e)
{
    int productid = Convert.ToInt32((sender as
LinkButton).CommandArgument);
    using (MySqlConnection sqlCon = new
MySqlConnection(connectionString))
    {
        sqlCon.Open();
        MySqlDataAdapter sqlDa = new
MySqlDataAdapter("ProductViewByID", sqlCon);

```

```

        sqlDa.SelectCommand.CommandType =
CommandType.StoredProcedure;
        sqlDa.SelectCommand.Parameters.AddWithValue("_productid",
productid);

        DataTable dtbl = new DataTable();
        sqlDa.Fill(dtbl);

        txtProduct.Text = dtbl.Rows[0][1].ToString();
        txtPrice.Text = dtbl.Rows[0][2].ToString();
        txtCount.Text = dtbl.Rows[0][3].ToString();
        txtDescription.Text = dtbl.Rows[0][4].ToString();
        hfProductID.Value= dtbl.Rows[0][0].ToString();

        btnSave.Text = "Update";
        btnDelete.Enabled = true;
    }
}

protected void btnDelete_Click(object sender, EventArgs e)
{
    using (MySqlConnection sqlCon = new
MySqlConnection(connectionString))
    {
        sqlCon.Open();
        MySqlCommand sqlCmd = new
MySqlCommand("ProductDeleteByID", sqlCon);
        sqlCmd.CommandType = CommandType.StoredProcedure;
        sqlCmd.Parameters.AddWithValue("_productid",
Convert.ToInt32(hfProductID.Value == "" ? "0" : hfProductID.Value));
        sqlCmd.ExecuteNonQuery();
        GridFill();
        Clear();
        lblSuccessMessage.Text = "Deleted Successfully";
    }
}
}
}
}

```