using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

namespace Authentication\_AuthorizationDemo

{

public class MenuItem

{

private int id;

public int Id

{

get { return id; }

set { id = value; }

}

private string name;

public string Name

{

get { return name; }

set { name = value; }

}

private float price;

public float Price

{

get { return price; }

set { price = value; }

}

private DateTime dateOfLaunch;

public DateTime DateOfLaunch

{

get { return dateOfLaunch; }

set { dateOfLaunch = value; }

}

private bool active;

public bool Active

{

get { return active; }

set { active = value; }

}

private string category;

public string Category

{

get { return category; }

set { category = value; }

}

private bool freeDelivery;

public bool FreeDelivery

{

get { return freeDelivery; }

set { freeDelivery = value; }

}

public MenuItem()

{

}

public MenuItem(int id, string name, float price, bool active,

DateTime dateOfLaunch, string category, bool freeDelivery)

{

this.id = id;

this.name = name;

this.price = price;

this.active = active;

this.dateOfLaunch = dateOfLaunch;

this.category = category;

this.freeDelivery = freeDelivery;

}

}

public class MenuItemDaoCollection

{

public List<MenuItem> menuItemList = null;

public MenuItemDaoCollection() {

if (menuItemList == null)

{

menuItemList = new List<MenuItem>()

{

new MenuItem() { Id=100, Name="Movei1" , Active=true,

DateOfLaunch = DateTime.Parse("12/12/2009"), Category="Genre",

FreeDelivery=true, Price=1976},

new MenuItem() { Id=2, Name="Movei1" , Active=true,

DateOfLaunch= DateTime.Parse("12/12/2009"), Category="Genre",

FreeDelivery=true, Price=1200},

new MenuItem() { Id=3, Name="Movei1" , Active=true,

DateOfLaunch= DateTime.Parse("12/12/2009"), Category="Genre",

FreeDelivery=true, Price=1200},

new MenuItem() { Id=4, Name="Movei1" , Active=true,

DateOfLaunch= DateTime.Parse("12/12/2009"), Category="Genre",

FreeDelivery=true, Price=1200},

new MenuItem() { Id=5, Name="Movie5" , Active=true,

DateOfLaunch= DateTime.Parse("12/12/2009"), Category="Genre",

FreeDelivery=true, Price=9098}

};

}

}

}

}

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="ItemList.aspx.cs" Inherits="Authentication\_AuthorizationDemo.WebForm3" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<br />

<br />

<br />

<br />

<asp:GridView ID="GridView1" runat="server" DataKeyNames="id" BackColor="White" BorderColor="White" BorderStyle="Ridge" BorderWidth="2px" CellPadding="3" CellSpacing="1" GridLines="None">

<Columns>

<asp:HyperLinkField

DataNavigateUrlFields="id"

DataNavigateUrlFormatString="~\EditItem.aspx?id={0}"

Text="Edit"

HeaderText="Edit" />

</Columns>

<FooterStyle BackColor="#C6C3C6" ForeColor="Black" />

<HeaderStyle BackColor="#4A3C8C" Font-Bold="True" ForeColor="#E7E7FF" />

<PagerStyle BackColor="#C6C3C6" ForeColor="Black" HorizontalAlign="Right" />

<RowStyle BackColor="#DEDFDE" ForeColor="Black" />

<SelectedRowStyle BackColor="#9471DE" Font-Bold="True" ForeColor="White" />

<SortedAscendingCellStyle BackColor="#F1F1F1" />

<SortedAscendingHeaderStyle BackColor="#594B9C" />

<SortedDescendingCellStyle BackColor="#CAC9C9" />

<SortedDescendingHeaderStyle BackColor="#33276A" />

</asp:GridView>

</div>

</form>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace Authentication\_AuthorizationDemo

{

public partial class WebForm3 : System.Web.UI.Page

{

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

{

MenuItemDaoCollection menuItemDaoCollection = new MenuItemDaoCollection();

GridView1.DataSource = menuItemDaoCollection.menuItemList;

GridView1.DataBind();

}

}

}

Edit Page :

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace Authentication\_AuthorizationDemo

{

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

{

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

{

if(Request.QueryString["id"]!=null)

{

MenuItemDaoCollection menuItemDaoCollection = new MenuItemDaoCollection();

int id = Convert.ToInt32(Request.QueryString["id"].ToString());

MenuItem obj = (from x in menuItemDaoCollection.menuItemList

where x.Id == id

select x).FirstOrDefault();

if (obj != null)

{

menuItemDaoCollection.menuItemList.Where(w => w.Id == id).ToList().ForEach(i => i.Name = "Name is changed");

}

foreach(var x in menuItemDaoCollection.menuItemList)

{

Response.Write(x.Id + " " + x.Name);

}

}

}

}

}