**Day 13**:

* **Implement 'Add to Cart' functionality using below instructions**

Implementing “Add to Cart” Functionality:

**Database Side :**

1. Create a table which holds the usercart information like the following:

CREATE TABLE Sb\_user\_cart(user\_id varchar(500),product\_id varchar(500) ,quantity int)

**Web Application Side:**

1. Develop a WebPage “SB\_cart\_summary.aspx” as above(slide #9)
2. When user Clicks on Buy in the cart page, he/she should be redirected to “SB\_Product\_Buy.aspx” where he/she can place order
3. In the Laptop Purchase Webpage , keep “Add to cart” button instead of “buy”.
4. In the button click event redirect to “SB\_cart\_summary.aspx” instead of “SB\_Product\_Buy.aspx”
5. Add a new tab in the menu “Cart” (Menu is there in “usercontrols” headermenu.ascx in “<div class="navbar">” (from line no. 84 to 89).
6. In “SB\_Product\_Buy.aspx” delete “Quantity” text box and its corresponding label (Delete the codes from line 51 to 60 in SB\_Product\_Buy.aspx )

**Business Logic class :**

1. Modification required in “Purchase\_Item”
2. Only change in the function is query.
3. The query present in the “Purchase\_Item” should be modified.
4. Psuedocode for the query.

Insert into SB\_SalesDetails (user\_id,product\_id,Quantity,Delivery\_Address)

Select user\_id, product\_id, quantity, ‘Address entered by user in SB\_Product\_Buy.aspx webpage”

From Sb\_user\_cart where user\_id = ‘Convert.ToString(Session["user\_id"])’

Rest of the code in the function remains unchanged.

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="SB\_Electronics\_Laptop.aspx.cs" Inherits="Sandbox\_Retail.SB\_Electronics\_Laptop" %>

<%@ Register Src="usercontrols/HeaderMenu.ascx" TagName="ucHeader" TagPrefix="uc1" %>

<%@ Register Src="usercontrols/footer.ascx" TagName="footer" TagPrefix="uc2" %>

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

<head runat="server">

<title>:: Sandbox Retail ::</title>

<script language="JavaScript" src="../script/calendar1.js"></script>

<script language="JavaScript" src="script/calendar1.js"></script>

<link href="style.css" type="text/css" rel="StyleSheet"/>

<link href="style1.css" type="text/css" rel="StyleSheet"/>

<link href="../style.css" rel="StyleSheet" type="text/css" />

<link href="style.css" rel="StyleSheet" type="text/css" />

<style type="text/css">

.auto-style1 {

width: 465px;

height: 173px;

}

.auto-style2 {

width: 450px;

height: 154px;

}

</style>

</head>

<body>

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

<table width="1000" align="center" style="border-collapse:collapse" >

<tr>

<td><uc1:ucHeader ID="ucHeader" runat="server" /></td>

</tr>

<tr>

<td >

<table class="dropTable" width="98%" align="center" style="border-collapse:collapse" cellpadding="1" cellspacing="0.5">

<tr>

<td class="tdborder1" align="center">

<div>

<img src="images/Acer-1.gif" height="150"/>

</div><br />

<div align="center">

<asp:Button ID="Button1" runat="server" Text="Buy" OnClick="Button1\_Click" />

</div>

<br />

</td>

<td class="tdborder1" align="center">

<div>

<img src="images/Asus-2.gif" height="150"/>

</div>

<br />

<div align="center">

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

</div>

<br />

</td>

</tr>

<tr>

<br />

<td class="tdborder1" align="center">

<div>

<img src="images/Asus-3.gif" class="auto-style2"/>

</div>

<div align="center">

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

</div>

</td>

<td class="tdborder1" align="center">

<div>

<img src="images/Dell-1.png" height="150"/>

</div>

<div align="center">

<asp:Button ID="Button4" runat="server" Text="Buy" OnClick="Button4\_Click" />

</div>

</td>

</tr>

<tr>

<br />

<td class="tdborder1" align="center">

<div>

<img src="images/Hp-1.gif" class="auto-style1"/>

</div>

<div align="center">

<br />

<asp:Button ID="Button5" runat="server" Text="Buy" OnClick="Button5\_Click" />

<br />

</div>

</td>

<td class="tdborder1" align="center">

<div>

<img src="images/Lenovo-1.gif" height="150"/>

</div>

<div align="center">

<asp:Button ID="Button6" runat="server" Text="Buy" OnClick="Button6\_Click" />

</div>

</td>

</tr>

</table>

<br />

</td>

</tr>

<tr>

<td width="100%" align="center" >

<uc2:footer ID="uc2" runat="server" />

</td>

</tr>

</table>

</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 Sandbox\_Retail

{

public partial class SB\_Electronics\_Laptop : System.Web.UI.Page

{

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

{

if (Session["user\_id"] == null)

{

if (Convert.ToString(Session["user\_id"]) == "")

{

Response.Redirect("login.aspx");

}

}

}

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

{

Response.Redirect("SB\_Product\_Buy.aspx?id=1");

}

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

{

Response.Redirect("SB\_Product\_Buy.aspx?id=2");

}

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

{

Response.Redirect("SB\_Product\_Buy.aspx?id=3");

}

protected void Button4\_Click(object sender, EventArgs e)

{

Response.Redirect("SB\_Product\_Buy.aspx?id=4");

}

protected void Button5\_Click(object sender, EventArgs e)

{

Response.Redirect("SB\_Product\_Buy.aspx?id=5");

}

protected void Button6\_Click(object sender, EventArgs e)

{

Response.Redirect("SB\_Product\_Buy.aspx?id=6");

}

}

}

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="SB\_Product\_Buy.aspx.cs" Inherits="Sandbox\_Retail.SB\_Product\_Buy" %>

<%@ Register Src="usercontrols/HeaderMenu.ascx" TagName="ucHeader" TagPrefix="uc1" %>

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<tr>

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</tr>

<tr>

<td >

<br />

<table class="dropTable" width="98%" style="border-collapse:collapse" cellpadding="1" cellspacing="0.5">

<tr>

<td colspan="1" class="tdborder\_clr">

<asp:Label ID="lbl\_productName" runat="server" Text="Label"></asp:Label>

</td>

<td colspan="1" class="tdborder\_clr" >

<asp:Label ID="lbl\_productDesc" runat="server" Text="Label"></asp:Label>

</td>

</tr>

<tr>

<td colspan="1" class="tdborder\_clr" >

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

</td>

<td colspan="1" class="tdborder1" >

<asp:TextBox ID="txt\_user" runat="server" Width="60%" Enabled="false"></asp:TextBox>

</td>

</tr>

<tr>

<td colspan="1" class="tdborder\_clr">

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

</td>

<td colspan="1" class="tdborder1" >

<asp:TextBox ID="txt\_qty" Width="60%" runat="server" ></asp:TextBox>

</td>

</tr>

<tr>

<td colspan="1" class="tdborder\_clr">

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

</td>

<td colspan="1" class="tdborder1" Width="50%" >

<asp:TextBox ID="txt\_payment" runat="server" Width="60%" Enabled="false" ></asp:TextBox>

</td>

</tr>

<tr>

<td colspan="1" class="tdborder\_clr" >

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

</td>

<td colspan="1" class="tdborder1" >

<asp:TextBox ID="txt\_address" runat="server" height="75" Width="60%" ></asp:TextBox>

</td>

</tr>

<tr class="tdborder1">

<td colspan="2" >

</td>

</tr>

<tr class="tdborder1">

<td colspan="2" align="center">

<asp:Button ID="btn\_submit" runat="server" Text="Place Order" OnClientClick="alert('Your Order has been places Successfully');" OnClick="btn\_submit\_Click" />

</td>

</tr>

</table>

</td>

</tr>

<tr>

<td width="100%" align="center" > <br />

<uc2:footer ID="uc2" runat="server" />

</td>

</tr>

</table>

</form>

</body>

</html>

using Sandbox\_Retail.App\_Code;

using System;

using System.Collections.Generic;

using System.Data;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace Sandbox\_Retail

{

public partial class SB\_Product\_Buy : System.Web.UI.Page

{

Cls\_BusinessLogic obj\_bl = new Cls\_BusinessLogic();

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

{

if (Session["user\_id"] == null)

{

if (Convert.ToString(Session["user\_id"]) == "")

{

Response.Redirect("login.aspx");

}

}

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

{

Get\_Product\_Details(Convert.ToString(Request.QueryString["id"]));

}

else

{

Response.Redirect("login.aspx");

}

Get\_Product\_Details(Convert.ToString(Request.QueryString["id"]));

txt\_user.Text = Convert.ToString(Session["user\_id"]);

txt\_payment.Text = "CASH ON DELIVERY";

}

private void Get\_Product\_Details(string id)

{

try

{

DataSet ds\_product = obj\_bl.Get\_Product\_Details(id);

if (ds\_product != null || ds\_product.Tables[0].Rows.Count > 0)

{

lbl\_productName.Text = ds\_product.Tables[0].Rows[0]["ProductName"].ToString();

lbl\_productDesc.Text = ds\_product.Tables[0].Rows[0]["Product\_Description"].ToString();

}

}

catch(Exception ex)

{

throw ex;

}

}

protected void btn\_submit\_Click(object sender, EventArgs e)

{

try

{

string user = Convert.ToString(Session["user\_id"]);

//user = "user1";

string prod\_id = Convert.ToString(Request.QueryString["id"]);

//prod\_id = "1";

int records\_processed = obj\_bl.Purchase\_Item(user, prod\_id, txt\_qty.Text, txt\_address.Text.Replace("'","''"));

Response.Write("<script>alert('Product Purchased Successfully.');</script>");

Response.Redirect("Vieworders.aspx");

}

catch(Exception ex)

{

throw ex;

}

}

}

}