Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_07\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Consumption of Web Services Lab |

Submitted On:

(Date: DD/MM/YY)

**Task 1: ADD TO CART CONSUMPTION**

CODE:

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="ConsumeWebservice2.WebForm1" %>

<!DOCTYPE html>

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

<head runat="server">

<title>Online Cart</title>

<style type="text/css">

.auto-style1 {

width: 300px;

}

.auto-style2 {

width: 252px;

}

</style>

</head>

<body>

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

<div>

<h2>Online Cart</h2>

<hr />

<div>

<label for="ItemIdTextBox">Item ID:</label>

<input id="ItemIdTextBox" type="text" runat="server" class="auto-style2" />

<label for="QuantityTextBox">Quantity:</label>

<input id="QuantityTextBox" type="number" runat="server" class="auto-style1" />

<br />

<br />

<br />

<asp:Button ID="AddToCartButton" runat="server" Text="Add to Cart" OnClick="AddToCartButton\_Click" Width="233px" />

<asp:Button ID="RemoveFromCartButton" runat="server" Text="Remove from Cart" OnClick="RemoveFromCartButton\_Click" Width="257px" />

</div>

<hr />

<asp:GridView ID="CartItemsGridView" runat="server" AutoGenerateColumns="False" CellPadding="4" ForeColor="#333333" GridLines="None" Width="1226px">

<AlternatingRowStyle BackColor="White" />

<Columns>

<asp:BoundField DataField="ItemId" HeaderText="Item ID" />

<asp:BoundField DataField="ItemName" HeaderText="Item Name" />

<asp:BoundField DataField="Price" HeaderText="Price" DataFormatString="{0:C}" />

<asp:BoundField DataField="Quantity" HeaderText="Quantity" />

</Columns>

<EditRowStyle BackColor="#2461BF" />

<FooterStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<HeaderStyle BackColor="#507CD1" Font-Bold="True" ForeColor="White" />

<PagerStyle BackColor="#2461BF" ForeColor="White" HorizontalAlign="Center" />

<RowStyle BackColor="#EFF3FB" />

<SelectedRowStyle BackColor="#D1DDF1" Font-Bold="True" ForeColor="#333333" />

<SortedAscendingCellStyle BackColor="#F5F7FB" />

<SortedAscendingHeaderStyle BackColor="#6D95E1" />

<SortedDescendingCellStyle BackColor="#E9EBEF" />

<SortedDescendingHeaderStyle BackColor="#4870BE" />

</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;

using ConsumeWebservice2.localhost;

namespace ConsumeWebservice2

{

public partial class WebForm1 : Page

{

private static List<CartItem> cartItems = new List<CartItem>();

private CartService cartServiceClient; // Update YourServiceClient with the actual client class name

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

{

cartServiceClient = new CartService(); // Update YourServiceClient with the actual client class name

if (!IsPostBack)

{

BindCartItems();

}

}

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

{

string itemId = ItemIdTextBox.Value;

int quantity = int.Parse(QuantityTextBox.Value);

cartServiceClient.AddToCart(itemId, quantity);

BindCartItems();

}

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

{

string itemId = ItemIdTextBox.Value;

cartServiceClient.RemoveFromCart(itemId);

BindCartItems();

}

private void BindCartItems()

{

CartItem[] cartItems = cartServiceClient.GetCartItems();

List<CartItem> itemList = new List<CartItem>(cartItems);

CartItemsGridView.DataSource = itemList;

CartItemsGridView.DataBind();

}

}

}

A screenshot of a computer

Description automatically generated with low confidence

OUTPUT:

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a computer

Description automatically generated with medium confidence

Task 2:

CONSUMPTION CALCULATOR

CODE:

Default:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace consume

{

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

{

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

{

}

protected void Btn1\_Click(object sender, EventArgs e)

{

localhost.WebService1 obj = new localhost.WebService1();

int a = int.Parse(txt1.Text);

int b = int.Parse(txt2.Text);

int c = obj.Add(a, b);

lblResult.Text = "The result is " + c.ToString();

} }}

**ASPX CODE:**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Form.aspx.cs" Inherits="consume.Form" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<asp:TextBox ID="txt1" runat="server"></asp:TextBox

<asp:TextBox ID="txt2" runat="server"></asp:TextBox>

<br />

<asp:Button ID="Btn1" runat="server" Text="Button" OnClick="Btn1\_Click" />

<br />

<asp:Label ID="lblResult" runat="server" Text=" Result : "></asp:Label>

</div>

</form>

</body>

</html>

**OUTPUT:**

A screenshot of a computer

Description automatically generated with medium confidence