

Chris Otto

ITDEV-162

Assignment 2

[Order.aspx.cs](#)



Please select a product:

Darth Vader Mask

The legendary Darth Vader

Obi has taught you well, young Skywalker.



\$19.99 each

Quantity:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using MyCartChap03;

public partial class Order : System.Web.UI.Page
{
    private Product selectedProduct;

    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
            ddlProducts.DataBind();

        selectedProduct = this.GetSelectedProduct();
        lblName.Text = selectedProduct.Name;
    }
}
```

```

        lblShortDescription.Text = selectedProduct.ShortDescription;
        lblLongDescription.Text = selectedProduct.LongDescription;
        lblUnitPrice.Text = selectedProduct.UnitPrice.ToString("c");
        imgProduct.ImageUrl = "Images/Products/" + selectedProduct.ImageFile;
    }

    private Product GetSelectedProduct()
    {
        DataView productsTable = (DataView)
            AccessDataSource1.Select(DataSourceSelectArguments.Empty);
        productsTable.RowFilter =
            "ProductID = '" + ddlProducts.SelectedValue + "'";
        DataRowView row = (DataRowView)productsTable[0];

        Product p = new Product();
        p.ProductID = row["ProductID"].ToString();
        p.Name = row["Name"].ToString();
        p.ShortDescription = row["ShortDescription"].ToString();
        p.LongDescription = row["LongDescription"].ToString();
        p.UnitPrice = (decimal)row["UnitPrice"];
        p.ImageFile = row["ImageFile"].ToString();
        return p;
    }

    protected void btnAdd_Click(object sender, EventArgs e)
    {
        CartItemList cart = CartItemList.GetCart();
        CartItem cartItem = cart[selectedProduct.ProductID];

        if (cartItem == null)
            cart.AddItem(selectedProduct, Convert.ToInt32(txtQuantity.Text));
        else
            cartItem.AddQuantity(Convert.ToInt32(txtQuantity.Text));

        Response.Redirect("Cart.aspx");
    }
}

```



Your shopping cart:

Flying Bats (4 at \$69.99 each)	Remove Item
Darth Vader Mask (3 at \$19.99 each)	
Freddy Arm (2 at \$19.99 each)	
Empty Cart	

Continue Shopping

Check Out

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Cart : System.Web.UI.Page
{
    private CartItemList cart;

    protected void Page_Load(object sender, EventArgs e)
    {
        cart = CartItemList.GetCart();
        if (!IsPostBack)
            this.DisplayCart();
    }

    private void DisplayCart()
    {
        lstCart.Items.Clear();
        CartItem item;
        for (int i = 0; i < cart.Count; i++)
        {
            item = cart[i];
            lstCart.Items.Add(item.Display());
        }
    }

    protected void btnRemove_Click(object sender, EventArgs e)
    {
        if (cart.Count > 0)
```

```

    {
        if (lstCart.SelectedIndex > -1)
        {
            cart.RemoveAt(lstCart.SelectedIndex);
            this.DisplayCart();
        }
        else
        {
            lblMessage.Text = "Please select the item you want to remove.";
        }
    }
}

protected void btnEmpty_Click(object sender, EventArgs e)
{
    if (cart.Count > 0)
    {
        cart.Clear();
        lstCart.Items.Clear();
    }
}

//protected void btnCheckOut_Click(object sender, EventArgs e)
//{
//    lblMessage.Text = "Sorry, that function hasn't been "
//    + "implemented yet.";
//}
}

```

Checkout.aspx.cs



Please enter the following information:

First Name:

Last Name:

Email:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;

```

```

using System.Web.UI.WebControls;

public partial class Checkout : System.Web.UI.Page
{
    private Customer customer;

    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            customer = (Customer) Session["Customer"];
            if (customer != null)
            {
                txtFirstName.Text = customer.FirstName;
                txtLastName.Text = customer.LastName;
                txtEmail.Text = customer.Email;
            }
        }
    }

    protected void btnContinue_Click(object sender, EventArgs e)
    {
        if (customer == null )
            customer = new Customer();

        customer.FirstName = txtFirstName.Text;
        customer.LastName = txtLastName.Text;
        customer.Email = txtEmail.Text;

        Session["Customer"] = customer;
        Response.Redirect("Order.aspx");
    }

    protected void btnCancel_Click(object sender, EventArgs e)
    {
        Session.Remove("Customer");
        Session.Remove("Cart");
        Response.Redirect("Order.aspx");
    }
}

```