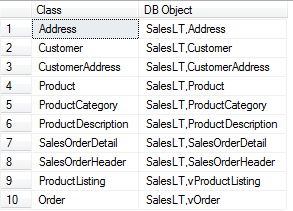
# Tier : AW.Model Class Library

# Classes and mapped DB objects:

These Classes should be created



# AW. Framework Class Library

EntityManager<T>

# Tier: AW.Portal

# UserControls: create them unser ~/UserControls/ folder

|  |  |  |
| --- | --- | --- |
| **1.ProductDescription.ascx** | | |
| **Displays product description label from SalesLT.** **ProductDescription table. Read only.** | | |
| Method | Signature | Functionality |
| Constructor#1 | Public ProductDescription (int ProductDescriptionId) | Populates the control fields |

|  |  |  |
| --- | --- | --- |
| **2.ProductOrder.ascx** | | |
| **Displays**   1. **Product Name, Number, description, color, ListPrice, CategoryName, ModelName (Read only fileds)** 2. **Provides dropdowns to Select Quantity** 3. **Diplays total price based on selected quantity** 4. **Provides Add to Cart Button** 5. **On click of Add to Cart Button**    1. **Fetches Dictionary<int, int> cartItems = (Dictionary<int, int>)Session(“ShoppingCart”)**    2. **Please make sure Session(“ShoppingCart”) is not null**    3. **If null do Session.Add(“ShoppingCart”, cartItems)**    4. **If have to make it work. I will provide an example for this code**    5. **Raise event to refresh shopping cast user control**    6. **Closes the popup** | | |
| Method | Signature | Functionality |
| Constructor#1 | Public ProductOrder (int ProductId) | Populates the control fields |
| **3.ShoppingCart.ascx** | | |
| **Diplays Items stored in Session(“ShoppingCart”)**   1. **For each item in dictionary get Product Name, Number, description, color, ListPrice, CategoryName, ModelName (Read only fileds)** 2. **Display final checkout price** 3. **Provide a check out button**    1. **On click Load page Checkout.aspx** | | |
| Method | Signature | Functionality |
| One Page Load |  | Populates the control fields by processing session object |

|  |  |  |
| --- | --- | --- |
| **4.SiteMenu.ascx** | | |
| **Provide links to:**   1. **ProductBrowser** 2. **MyOrders** 3. **Home** | | |
| Method | Signature | Functionality |
| Constructor#1 | Public ProductDescription (int ProductDescriptionId) | Populates the control fields |

|  |  |  |
| --- | --- | --- |
| **5.UCAddressView.ascx** | | |
| **Displays Address label from SalesLT.Address table** | | |
| Method | Signature | Functionality |
| Constructor#1 | Public UCAddressView(int addressId) | Populates the control fields |

|  |  |  |
| --- | --- | --- |
| **6.UCAddressEdit.ascx** | | |
| 1. **Fetches Address label from SalesLT.Address table and provides edit option** 2. **Creates new address if AddressID is not passed into constructor** | | |
| Method | Signature | Functionality |
| Constructor#1 | Public UCAddressEdit(int addressId) | Populates the control fields in edit mode |
| Constructor#2 | Public UCAddressEdit() | Provides empty text boxes for creating new address |

# Master Page Layout:

|  |  |  |
| --- | --- | --- |
| **Web Site Header**  Logout | | |
| Site Menu Control | | |
|  | **Content** | Shopping Cart Control |
| Footer |

Include all jquery libraries in master page

Write all jquery code in master page

# Web Forms:

|  |  |  |
| --- | --- | --- |
| **ProductBrowser.aspx** | | |
| **Displays product listing from SalesLT. vProductListing View. Read only.**   1. **Provides icons to pop up(jquery ui) Product Description user control** 2. **Provides links to purchase product. Onclick Open Pop up with ProductOrder.ascx** 3. **Provides text boxes filter by Model Name, Category, Product Name**    1. **These should be Autcomplete (jquery ui & WCF Rest)** | | |
| Method | Signature | Functionality |
| LoadListings | Public void LoadListings () | 1. Populates the DataList control |

|  |  |  |
| --- | --- | --- |
| **Checkout.aspx** | | |
| **Diplays Items stored in Session(“ShoppingCart”)**   1. **For each item in dictionary get Product Name, Number, description, color, ListPrice, CategoryName, ModelName (Read only fileds)** 2. **Provide Controls to Capture Billing and Shipping Address (to keep it simple always insert new address)** 3. **Display final checkout price** 4. **Provide a confirm button**    1. **insert records in to SalesLT.** **SalesOrderHeader & SalesLT.** **SalesOrderDetail** | | |
| Method | Signature | Functionality |
| PageLoad |  | Populates the control |

|  |  |  |
| --- | --- | --- |
| **MyOrders.aspx** | | |
| **Displays all orders for the customer in GRidView**   1. **CustomerId is fetched from the session**    1. **Session(“CustomerId”) is set when customer logins into website**    2. **Gets order from [SalesLT].[vOrder] view** | | |
| Method | Signature | Functionality |
| PageLoad |  | Load all orders for the customer |

|  |  |  |
| --- | --- | --- |
| **Login.aspx** | | |
| 1. **Provide Login form** 2. **Authenticate via database using stored procedure [dbo].[spAuthenticateUser]** 3. **After successful authentication set Session object**    1. **Session(“CustomerId”)** | | |
| Method | Signature | Functionality |
|  |  |  |