

Option Strict On

Partial Class shoppingcart

Inherits System.Web.UI.UserControl

#Region " Web Form Designer Generated Code "

'This call is required by the Web Form Designer.

<System.Diagnostics.DebuggerStepThrough()> Private Sub InitializeComponent()

End Sub

Protected WithEvents lbContinueShopping As System.Web.UI.WebControls.LinkButton

Protected WithEvents lbPlaceOrder As System.Web.UI.WebControls.LinkButton

'NOTE: The following placeholder declaration is required by the Web Form Designer.

'Do not delete or move it.

Private designerPlaceholderDeclaration As System.Object

Private Sub Page_Init(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Init

'CODEGEN: This method call is required by the Web Form Designer

'Do not modify it using the code editor.

InitializeComponent()

End Sub

#End Region

Dim total As Integer

Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

'=====

Dim noItems As String = CType(Request.Params("noitems"), String)

Try

If Not noItems Is String.Empty Then

If defendInjection1(noItems) = False Then

Me.lblCartEmpty.Text = "Sorry, our web site has encountered an error in your shopping cart. If you are having trouble checking out, please use the Contact Us Form and tell us about your difficulty. "

Exit Sub

End If

If noItems = "true" Then

cookieMessage()

'Exit the shoppingcart

Exit Sub

End If

End If

Catch ex As Exception

Me.lblCartEmpty.Text = ex.ToString

End Try

'-----

'=====

If Not Page.IsPostBack Then

Dim ProductID As String = CType(Request.Params("AddTocart"), String)

Dim Proceed As String = CType(Request.Params("Proceed"), String)

'If we receive an add to cart parameter in the query string,

'This is the ID of the product for which the add

' to cart button was clicked

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'=====
If Not ProductID Is Nothing Then
    If ProductID = "viewcart" Then
        BindShoppingCart()
        'TDshipping.Visible = True
    ElseIf Proceed = "checkout" Then
        BindShoppingCart()
        'TDshipping.Visible = True
    ElseIf ProductID = "view" Then
        'Just looking
        BindShoppingCart()
        'TDshipping.Visible = True
    '=====
Else
    '=====
    If Not Context.Session("Customer") Is Nothing Then

        'Session.Abandon()

        Dim LoggedIn As New User
        LoggedIn = CType(Context.Session("Customer"), User)
        Dim cart As New cart
        Dim PkOrderID As Integer
        If LoggedIn.OrderNumber > 1 Then
            PkOrderID = LoggedIn.OrderNumber
        ElseIf IsNumeric(ProductID) Then
            Try
                cart.AddProduct(Integer.Parse(CStr(CType(Request.Params("AddTocart"),
Integer))))
            Catch ex As Exception
                sendThatMail("ShoppingCart Error: AddProduct line 89", "services@JASON-
G-EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
            End Try
            'Update the datagrid
            BindShoppingCart()
        End If
    '=====

    If Not ProductID Is Nothing Then
        Dim ProID As Integer
        Try
            ProID = Integer.Parse(CStr(CType(ProductID, Integer)))
            LoggedIn.OrderNumber = CType(cart.AddProduct(ProID, LoggedIn.PkUserID,
PkOrderID), Integer)
        Catch ex As Exception
            sendThatMail("ShoppingCart Error: LoggedIn.OrderNumber line 99", "services@JASON-G-EXAMPLE.com",
"JASON-G-EXAMPLE@yahoo.com", ex.ToString)
        End Try
    End If
    'Update the datagrid
    Context.Session("Customer") = LoggedIn
    BindShoppingCart()

    'TDshipping.Visible = True
    '=====
Else
    '=====
    Dim cart As New cart

    Try
        '==== THIS IS A TEMP FIX WE SHOULD FIND THE CAUSE OF THE SINGLE QUOTE ERROR =====
        ProductID = ProductID.Replace("'", "")
        cart.AddProduct(Integer.Parse(CStr(CType(ProductID, Integer))))
    Catch ex As Exception

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        sendThatMail("ShoppingCart Error: cart.AddProduct line 116",
"services@JASON-G-EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
        End Try

        'Update the datagrid
        BindShoppingCart()
        'TDshipping.Visible = True
        Context.Session("custCookieId") = shoppingCartId
        '=====
    End If
End If

Else

    If Not Context.Session("Customer") Is Nothing Then
        Dim LoggedIn As New User
        LoggedIn = CType(Context.Session("Customer"), User)
        Dim cart As New cart
        Dim PkOrderID As Integer
        If LoggedIn.OrderNumber < 1 Then
            PkOrderID = 0
        Else
            PkOrderID = LoggedIn.OrderNumber
        End If
        '----- This has a productID of Nothing

        Dim ProID As Integer
        Try
            If Not ProductID Is DBNull.Value And IsNumeric(ProductID) Then
                ProID = Integer.Parse(CStr(CType(ProductID, Integer)))
                LoggedIn.OrderNumber = CType(cart.AddProduct(ProID, LoggedIn.PKUserID,
PkOrderID), Integer)
            End If
        Catch ex As Exception
            sendThatMail("ShoppingCart Error: LoggedIn.OrderNumber line 145",
"services@JASON-G-EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
        End Try

        'Update the datagrid
        Context.Session("Customer") = LoggedIn
        BindShoppingCart()
        'TDshipping.Visible = True
        If Me.GVShipping.Rows.Count <= 0 Then
            Response.Redirect("orderform.aspx?page=viewcart")
        End If

    Else
        Dim cart As New cart
        Try
            cart.AddProduct(Integer.Parse(CStr(CType(Request.Params("AddToCart"),
Integer))))
        Catch ex As Exception
            sendThatMail("ShoppingCart Error: AddProduct line 162", "services@JASON-G-
EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
        End Try

        'Update the datagrid
        BindShoppingCart()
        'TDshipping.Visible = True
        Context.Session("custCookieId") = shoppingCartId
    End If
End If
End If
End Sub

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Private Sub BindShoppingCart()

    'Populate the datagrid and set it's datakey field
    Dim Cart As New cart

    '===== IS THE USER LOGGED IN? =====
    Dim loggedin As New User
    If Not Context.Session("Customer") Is Nothing Then
        loggedin = CType(Context.Session("Customer"), User)

        If loggedin.Completed = False Then
            'Add product to open cart
            GVShopping.DataSource = Cart.GetProductsLoggedIn(loggedin.OrderNumber)
            GVShopping.DataBind()
            'Count the Items in the Cart - determine if empty cart
            emptyCart()

        Else
            'Count the Items in the Cart - determine if empty cart
            emptyCart()

        End If
    '===== End USER LOGGED IN =====
Else
    '===== USE COOKIE CART =====
    Try
        Me.GVShopping.DataSource = Cart.GetProducts
        Me.GVShopping.DataBind()
    Catch ex As Exception
        sendThatMail("Cart.GetProducts Error: AddProduct line 205", "services@JASON-G-EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
    End Try

    'Count the Items in the Cart - determine if empty cart
    emptyCart()

End If

End Sub

Function emptyCart() As Boolean

    'Count the Items in the Cart
    If Me.GVShopping.Rows.Count = 0 Then
        'No items - Show message
        lblCartEmpty.Text = "<br />Your Cart is Currently Empty"
        Context.Session("emptycart") = True
        Return True
    Else
        'Just continue - we reset values
        Context.Session("emptycart") = False
        lblCartEmpty.Text = String.Empty
        Return False
    End If

End Function

Protected Sub GVShopping_RowDataBound(ByVal sender As Object, ByVal e As System.Web.UI.WebControls.GridViewRowEventArgs) Handles GVShopping.RowDataBound
    If e.Row.RowType = ListItemType.Item Or _

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                e.Row.RowType = ListItemType.AlternatingItem Then
            'Get Description
            Dim desc As String = CType(DataBinder.Eval(e.Row.DataItem, "descript"), String)
            e.Row.Cells(2).Text = GetDescription(desc)
        End If
    End Sub

    Protected Sub GVShopping_RowEditing(ByVal sender As Object, ByVal e As
System.Web.UI.WebControls.GridViewEditEventArgs) Handles GVShopping.RowEditing
        If GVShopping.EditIndex <> e.NewEditIndex Then
            GVShopping.EditIndex = e.NewEditIndex
            BindShoppingCart()
        End If
    End Sub

    Protected Sub GVShopping_RowCancelingEdit(ByVal sender As Object, ByVal e As
System.Web.UI.WebControls.GridViewCancelEventArgs) Handles GVShopping.RowCancelingEdit
        Me.GVShopping.EditIndex = -1
        BindShoppingCart()
    End Sub

    Protected Sub GVShopping_RowUpdating(ByVal sender As Object, ByVal e As
System.Web.UI.WebControls.GridViewUpdateEventArgs) Handles GVShopping.RowUpdating

        Dim productId As Integer = CType(GVShopping.DataKeys(e.RowIndex).Value, Integer)
        Dim quantity As Integer
        Dim row As GridViewRow = GVShopping.Rows(e.RowIndex)

        'Populate it with the new data
        Dim txt As TextBox
        txt = CType(row.FindControl("txtAmtQuantity"), TextBox)
        If IsNumeric(txt.Text) Then
            'Make the update
            quantity = Integer.Parse(CStr(CType(txt.Text, Integer)))

            'Create Cart Object
            Dim cart As New cart
            'Check for logged in user
            If Not Context.Session("Customer") Is Nothing Then
                'Call Logged in update create new User object
                Dim LoggedIn As New User
                'Fill User Info
                LoggedIn = CType(Context.Session("Customer"), User)
                'Call Overloaded Update
                Try
                    cart.UpdateProductQuantity(LoggedIn.PkUserID, LoggedIn.OrderNumber,
productId.ToString, Integer.Parse(CStr(CType(quantity, Integer))))
                Catch ex As Exception
                    sendThatMail("ShoppingCart Error: UpdateProductQuantity line 281", "services@JASON-
G-EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
                Finally
                    Me.GVShopping.EditIndex = -1
                    BindShoppingCart()
                End Try
            Else
                'Use guest cookie cart
                Try
                    cart.UpdateProductQuantity(productId.ToString, Integer.Parse(CStr(CType(quantity,
Integer))))
                Catch ex As Exception
                    sendThatMail("ShoppingCart Error: UpdateProductQuantity line 289", "services@JASON-
G-EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
                Finally
                    Me.GVShopping.EditIndex = -1

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        BindShoppingCart()
    End Try
End If

Else
    'End the edit
    Me.GVShopping.EditIndex = -1
    BindShoppingCart()
End If

End Sub

Protected Sub GVShopping_RowDeleting(ByVal sender As Object, ByVal e As
System.Web.UI.WebControls.GridViewDeleteEventArgs) Handles GVShopping.RowDeleting

    Dim productId As Integer = CType(GVShopping.DataKeys(e.RowIndex).Value, Integer)

    Dim cart As New cart
    'Check for logged in user
    If Not Context.Session("Customer") Is Nothing Then
        'Call Logged in update create new User object
        Dim LoggedIn As New User
        'Fill User Info
        LoggedIn = CType(Context.Session("Customer"), User)
        'Call Overloaded Update
        Try
            cart.RemoveProduct(LoggedIn.OrderNumber, productId)
        Catch ex As Exception
            sendThatMail("ShoppingCart Error: RemoveProduct line 268", "services@JASON-G-
EXAMPLE.com", "JASON-G-EXAMPLE@yahoo.com", ex.ToString)
        End Try
    Else
        'Calls the remove class instance
        cart.RemoveProduct(productId.ToString)
    End If

    'Repopulate the datagrid data
    GVShopping.EditIndex = -1
    BindShoppingCart()
End Sub

Dim runningSum As Decimal = 0.0

Sub GridViewRowEventHandler(ByVal sender As Object, ByVal e As
System.Web.UI.WebControls.GridViewRowEventArgs)
    If e.Row.RowType = ListItemType.Item Or _
        e.Row.RowType = ListItemType.AlternatingItem Then
        runningSum += Convert.ToDecimal(DataBinder.Eval(e.Row.DataItem, "SubTotal"))

    ElseIf e.Row.RowType = ListItemType.Footer Then
        e.Row.Cells(3).Text = "<b>Total:</b> "
        e.Row.Cells(4).Text = String.Format("{0:c}", runningSum)
    End If
End Sub

Sub KeepRunningSum(ByVal sender As Object, ByVal e As DataGridItemEventArgs)
    If e.Item.ItemType = ListItemType.Item Or _
        e.Item.ItemType = ListItemType.AlternatingItem Then
        runningSum += Convert.ToDecimal(DataBinder.Eval(e.Item.DataItem, "SubTotal"))
    ElseIf e.Item.ItemType = ListItemType.Footer Then
        e.Item.Cells(3).Text = "<b>Total:</b> "
        e.Item.Cells(4).Text = String.Format("{0:c}", runningSum)
    End If
End Sub

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Function GetDescription(ByVal description As String) As String
    'Remove all Quote holders with utils helper function
    description = replaceQuotesOut(description)
    'Return the HTML value
    description = Web.HttpUtility.HtmlDecode(description)

    Return description
End Function

Protected Sub btnCartProceed_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles
btnCartProceed.Click

    'Redirect to check out page
    Response.Redirect("checkout.aspx")

End Sub

Protected Sub btnCartContinue_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles
btnCartContinue.Click

    'Redirect to the catalog
    Response.Redirect("orderform.aspx")

End Sub
Sub cookieMessage()
    Dim cookiemessage As New StringBuilder
    cookiemessage.Append("<h2>Your Shopping Cart is Empty.</h2>You have not added any items to your
cart or your browser may not accept cookies that allow you to add items to your cart.<h2>Try the
following hints.</h2><ul><li>If your browser asks you to accept cookies, choose &quot;accept&quot; each
time.</li>")
    cookiemessage.Append("<li>Perhaps your browser is not set to allow cookies. Consult
&quot;Help&quot; on your browser to find out how to change this setting.</li>")
    cookiemessage.Append("<li>Check the copyright date on your browser (Go to &quot;Help...
About.&quot;). Users of old browsers may want to try the latest version from <a
href='http://www.mozilla.com/en-US/firefox/'>Firefox<a>, <a
href='http://www.opera.com/download/'>Opera<a>, <a
href='http://www.microsoft.com/windows/ie/default.htm'>Microsoft</a>, or <a
href='http://home.netscape.com/browsers/'>Netscape</a>.</li>")
    cookiemessage.Append("</ul>          <h3><a href='http://en.wikipedia.org/wiki/HTTP_cookie'
_target='blank' >What is a cookie?</a></h3>")
    cookiemessage.Append("<p>A cookie is a small amount of data sent to your browser by our
servers. <a href='http://www.JASON-G-EXAMPLE.com/privacy.aspx'>Read</a> more about cookies and JASON'S
EXAMPLE COMPANY policy on their use at the bottom of our privacy policy.</p>")

    Me.lblCartEmpty.Text = cookiemessage.ToString
End Sub
Function checkForCookies() As Boolean
    Dim cartCookie As String = CType(shoppingCartId, String)

    'if nothing comes back then we assume that cookies are turned off
    If cartCookie = Nothing Then
        Return False
    End If
    'if nothing comes back then we assume that cookies are turned off
    If cartCookie = String.Empty Then
        Return False
    End If

    'Else return true
    Return True
End Function
ReadOnly Property shoppingCartId() As String
    Get

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Dim context As HttpContext = HttpContext.Current

' If the JASON-G-EXAMPLE_CartID cookie doesn't exist
' on client machine we create it with a new GUID
If context.Request.Cookies("JASON-G-EXAMPLE_CartID") Is Nothing Then

    ' Generate a new GUID
    Dim cartId As Guid = Guid.NewGuid()

    ' Create the cookie and set its value
    Dim cookie As New HttpCookie("JASON-G-EXAMPLE_CartID", cartId.ToString)

    ' Current Date
    Dim currentDate As DateTime = DateTime.Now()

    ' Set the time span to 10 days
    Dim ts As New TimeSpan(10, 0, 0, 0)

    ' Expiration Date
    Dim expirationDate As DateTime = currentDate.Add(ts)

    ' Set the Expiration Date to the cookie
    cookie.Expires = expirationDate

    ' Set the cookie on client's browser
    context.Response.Cookies.Add(cookie)

End If

Return context.Request.Cookies("JASON-G-EXAMPLE_CartID").Value
'End If

End Get
End Property

End Class
Public Structure cookieCheck
    Dim checkNumber As Integer
    Dim CookieCartID As String
End Structure

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