

Option Strict On

Imports System.Data

Imports System.Data.SqlClient

Partial Class pagecontrols\_HomePhotos

Inherits System.Web.UI.UserControl

' These are a way to build the dropdown menus to arrange photo order

Private DropDownCountBuilder As Integer = 0

Private DropDownCountDown As Integer = 0

Private CollectionCountTotal As Integer = 0

'Data Set

Private dt As New DataTable

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

If Not Page.IsPostBack Then

'Fill GridView on page load

BindPhotoList()

'Make sure that all of the values after postback return to 0 (zero)

For Each row As GridViewRow In GvHomePagePhotos.Rows

'-----

Dim ddlPhotoOrderDown As DropDownList =

DirectCast(row.FindControl("ddlPhotoOrderDown"), DropDownList)

'-----

ddlPhotoOrderDown.SelectedIndex = ddlPhotoOrderDown.Items.Count - 1

Next

End If

End Sub

Sub BindPhotoList()

'New Class instance

Dim park As New Parks

'Get infor from Class Park Funciton

Dim dr As SqlDataReader

dr = park.GetHomePageDataList()

'Private variable to hold data set

dt.Load(dr)

'For the row data bound we need a static count of all of the photos to build the drop downs

CollectionCountTotal = dt.Rows.Count

'We will count in reverse so this total is necessary to count down

DropDownCountDown = CollectionCountTotal - 1

'Get current Selected List

Me.GvHomePagePhotos.DataSource = dt

GvHomePagePhotos.DataBind()

'Count the Items in the Cart - determine if empty cart

NoPhotos()

End Sub

Function NoPhotos() As Boolean

'Count the Items in the Cart

If Me.GvHomePagePhotos.Rows.Count = 0 Then

'No items - Show message

lblListEmpty.Text = "<br />Your Photo List is Empty"

Return True

Else

lblListEmpty.Text = String.Empty

```
Return False
End If
```

```
End Function
```

```
Protected Sub GvHomePagePhotos_RowDataBound(ByVal sender As Object, ByVal e As
System.Web.UI.WebControls.GridViewRowEventArgs) Handles GvHomePagePhotos.RowDataBound
```

```
'***** SHOWS PARK NAME *****
```

```
If e.Row.RowType = ListItemType.Item Or _
    e.Row.RowType = ListItemType.AlternatingItem Then
```

```
'Get Park name for display
```

```
Dim FullParkName As New StringBuilder
```

```
Dim pName As String = String.Empty
```

```
Dim pCity As String = String.Empty
```

```
Dim pState As String = String.Empty
```

```
'ParkName, City, StateProv,
```

```
If Not DataBinder.Eval(e.Row.DataItem, "ParkName") Is DBNull.Value Then
```

```
    pName = CType(DataBinder.Eval(e.Row.DataItem, "ParkName"), String)
```

```
    'Some park names are blank/null so to omit a starting comma I'll build as I go
```

```
    If Not pName = String.Empty And Not pName = "" And Not pName = " " Then
```

```
        FullParkName.Append(pName & ", ")
```

```
    End If
```

```
End If
```

```
If Not DataBinder.Eval(e.Row.DataItem, "City") Is DBNull.Value Then
```

```
    pCity = CType(DataBinder.Eval(e.Row.DataItem, "City"), String)
```

```
    FullParkName.Append(pCity & ", ")
```

```
End If
```

```
If Not DataBinder.Eval(e.Row.DataItem, "StateProv") Is DBNull.Value Then
```

```
    pState = CType(DataBinder.Eval(e.Row.DataItem, "StateProv"), String)
```

```
    FullParkName.Append(pState)
```

```
End If
```

```
'Show the Display
```

```
e.Row.Cells(1).Text = FullParkName.ToString
```

```
End If
```

```
'===== Show Photo in Grid View =====
```

```
If e.Row.RowType = ListItemType.Item Or _
    e.Row.RowType = ListItemType.AlternatingItem Then
```

```
'Get Description
```

```
Dim img As New StringBuilder
```

```
Dim AltText As String = String.Empty
```

```
Dim HpPhoto As String = String.Empty
```

```
If Not DataBinder.Eval(e.Row.DataItem, "HPPhotoAltText") Is DBNull.Value Then
```

```
    AltText = CType(DataBinder.Eval(e.Row.DataItem, "HPPhotoAltText"), String)
```

```
End If
```

```
If Not DataBinder.Eval(e.Row.DataItem, "HomePagePhotoURL") Is DBNull.Value Then
```

```
    HpPhoto = CType(DataBinder.Eval(e.Row.DataItem, "HomePagePhotoURL"), String)
```

```
End If
```

```
'Build the Image
```

```
img.Append("<img height='65%' width='65%'src='" & HpPhoto)
```

```
img.Append("' alt='" & AltText)
```

```
img.Append("' />")
```

```
e.Row.Cells(2).Text = img.ToString
```

```
End If
```

```

'===== Drop Down List Photo Move UP =====

If e.Row.RowType = ListItemType.Item Or _
    e.Row.RowType = ListItemType.AlternatingItem Then

    Dim count As Integer = e.Row.DataItemIndex
    Dim ddlPhotoOrderUp As DropDownList = DirectCast(e.Row.FindControl("ddlPhotoOrderUp"),
DropDownList)

    For index As Integer = 0 To CollectionCountTotal - 1
        'Use the count of this loop to show how many up or down the photo can move in the list
        'This will use the PkID for each row to tell the correct Park to move up or down

        Dim LI As New ListItem
        LI.Text = (index.ToString)
        'This is getting the Primary Key ID from for the park to make the change
        ' LI.Value = GvHomePagePhotos.DataKeys(e.Row.DataItemIndex).Value.ToString()
        'Add to the dropdown list
        ddlPhotoOrderUp.Items.Add(LI)

        'If the current count is >= then add one for the next row to count and exit
        If index >= DropDownCountBuilder Then
            DropDownCountBuilder = DropDownCountBuilder + 1
            Exit For
        End If
    Next
End If

'===== Drop Down List Photo Move Down =====

If e.Row.RowType = ListItemType.Item Or _
    e.Row.RowType = ListItemType.AlternatingItem Then

    Dim count As Integer = e.Row.DataItemIndex
    Dim ddlPhotoOrderDown As DropDownList = DirectCast(e.Row.FindControl("ddlPhotoOrderDown"),
DropDownList)
'=====
    For index As Integer = 0 To (CollectionCountTotal - 1) 'To 0 Step -1

        'Use the count of this loop to show how many up or down the photo can move in the list

        Dim LI As New ListItem
        LI.Text = (DropDownCountDown - index).ToString()
        'This is getting the Primary Key ID from for the park to make the change
        'LI.Value = GvHomePagePhotos.DataKeys(e.Row.DataItemIndex).Value.ToString()
        'Add to the dropdown list
        ddlPhotoOrderDown.Items.Add(LI)

        If DropDownCountDown <= index Then
            'Take one away from the total until we get to zero
            DropDownCountDown = DropDownCountDown - 1
            Exit For
        End If
    Next
End If
End Sub

Protected Sub ddlPhotoOrderUp_SelectedIndexChanged(ByVal sender As Object, ByVal e As
System.EventArgs)

    ' get reference to the row
    Dim gvr As GridViewRow = DirectCast(DirectCast(sender, Control).NamingContainer, GridViewRow)

    ' Get the reference of this Dropdownlist

```

```

    Dim ddlPhotoOrderDown As DropDownList = DirectCast(gvr.FindControl("ddlPhotoOrderUp"),
DropDownList)
    'Grab those values
    Dim ddv As String = DirectCast(sender, DropDownList).SelectedValue '
dropdownlist1.SelectedItem.Value
    Dim PkParkID As String = CType(GvHomePagePhotos.DataKeys(gvr.RowIndex).Value, String)

    Me.lblListEmpty.Text = "dd Value: " & ddv & "Text: " & PkParkID

    'Call the sub that will rearrange the dataset
    RearrangePhotos("up", ddv, PkParkID)

End Sub

Protected Sub ddlPhotoOrderDown_SelectedIndexChanged(ByVal sender As Object, ByVal e As
System.EventArgs)

    ' get reference to the row
    Dim gvr As GridViewRow = DirectCast(DirectCast(sender, Control).NamingContainer, GridViewRow)

    ' Get the reference of this DropDownList
    Dim ddlPhotoOrderDown As DropDownList = DirectCast(gvr.FindControl("ddlPhotoOrderDown"),
DropDownList)
    'Grab those values
    Dim ddv As String = DirectCast(sender, DropDownList).SelectedValue '
dropdownlist1.SelectedItem.Value
    Dim PkParkID As String = CType(GvHomePagePhotos.DataKeys(gvr.RowIndex).Value, String)
    Me.lblListEmpty.Text = "dd Value: " & ddv & "Text: " & PkParkID

    'Call the sub that will rearrange the dataset
    RearrangePhotos("down", ddv, PkParkID)

End Sub

Protected Sub RearrangePhotos(ByVal UpDown As String, ByVal places As String, ByVal PkParkID As
String)

    'New Class instance
    Dim park As New Parks

    'Initialize the array lists that we will read and write to
    Dim ParkDataList As New ArrayList
    'get the current Arraylist of parks
    ParkDataList = park.GetHomePagePhotoData
    'This is the structre variable that holds a complete row
    Dim PDS As New ParkDataSet

    '-----
    For i As Integer = 0 To ParkDataList.Count - 1 'To 0 Step -1

        'Get the current Row of data to compare
        PDS = CType(ParkDataList(i), ParkDataSet)
        '=====
        If PDS.PkParkID = CType(PkParkID, Integer) Then
            'This is the one!
            ParkDataList.RemoveAt(i)

            Dim MovePlaces As Integer = CType(places, Integer)

            If UpDown = "up" Then
                'it subtracts because 1 is the top of the order
                ParkDataList.Insert(i - MovePlaces, PDS)
            ElseIf UpDown = "down" Then

```

```

        'Moving down involves a higher number so we add to i
        ParkDataList.Insert(i + MovePlaces, PDS)
    End If
    '=====
    Exit For
    '=====
End If
Next i
'-----
For i As Integer = 0 To ParkDataList.Count - 1

    'Get the current Row of data
    PDS = CType(ParkDataList(i), ParkDataSet)
    '----- reset photo order -----
    PDS.HomePagePhotoOrder = (i + 1)
    '----- Save the new info -----
    ParkDataList(i) = PDS
    '-----
Next

' ===== Begin The Save =====

'----- CACHE Current LIST ? -----
'Clear the current order
'This sets all homepage photos order to NULL and
'sets visible to false
park.ClearHomePagePhotoOrder()
'-----
'Resave the settings for each incase one was removed or out of order
For i As Integer = 0 To ParkDataList.Count - 1 'To 0 Step -1
    park.UpdateHomePagePhotoOrder(CType(ParkDataList(i), ParkDataSet))
Next

'=====

'Reload the page
Server.Transfer("AjaxPageEdit.aspx?page=homephotos")

```

End Sub

```

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

        Dim PkParkID As Integer = CType(GvHomePagePhotos.DataKeys(e.NewEditIndex).Value, Integer)

        'New Class instance
        Dim park As New Parks

        'Initialize the array lists that we will read and write to
        Dim ParkDataList As New ArrayList
        'get the current Arraylist of parks
        ParkDataList = park.GetHomePagePhotoData
        'This is the structre variable that holds a complete row
        Dim PDS As New ParkDataSet

        '-----
        For i As Integer = 0 To ParkDataList.Count - 1 'To 0 Step -1

            'Get the current Row of data to compare
            PDS = CType(ParkDataList(i), ParkDataSet)
            '=====
            If PDS.PkParkID = CType(PkParkID, Integer) Then

```

```

        'This is the one!
        ParkDataList.RemoveAt(i)
        '=====
        Exit For
        '=====
    End If
Next
'-----
'Add this Photo to the begining of the order
ParkDataList.Insert(0, PDS)
'-----
For i As Integer = 0 To ParkDataList.Count - 1

    'Get the current Row of data
    PDS = CType(ParkDataList(i), ParkDataSet)
    '----- reset photo order -----
    PDS.HomePagePhotoOrder = (i + 1)
    '----- Save the new info
    ParkDataList(i) = PDS
    '-----
Next

' ===== Begin The Save =====

'----- CACHE Current LIST ? -----
'Clear the current order
'This sets all homepage photos order to NULL and
'sets visible to false
park.ClearHomePagePhotoOrder()
'-----
'Resave the settings for each incase one was removed or out of order
For i As Integer = 0 To ParkDataList.Count - 1 'To 0 Step -1
    park.UpdateHomePagePhotoOrder(CType(ParkDataList(i), ParkDataSet))
Next
End If
'reset Edit Index for rebind
'this was 86'd as the page reload saved a few loops and refreshed the page competely
'GvHomePagePhotos.EditIndex = -1

'Reload the page
Server.Transfer("AjaxPageEdit.aspx?page=homephotos")
End Sub
End Class

```