

Option Strict On

```
Imports System.Drawing.Imaging
Imports System.Drawing
Imports System
Imports System.Collections
Imports System.Configuration
Imports System.Data
Imports System.IO
Imports System.Web
Imports System.Web.Security
Imports System.Web.UI
Imports System.Web.UI.HtmlControls
Imports System.Web.UI.WebControls
Imports System.Web.UI.WebControls.WebParts
Imports System.Web.Caching
```

Partial Class EditControls_AddEditParks

Inherits System.Web.UI.UserControl

Protected Sub Page_Init(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Init

```
Dim ParkID As String = Request.Params("p")
Dim PID As Integer
If IsNumeric(ParkID) Then
    Try
        PID = Integer.Parse(ParkID) ' Get the ID as an Integer to protect from Site Attack
        Dim park As New Parks 'Class instance
        Dim PDS As New ParkDataSet ' Public Structure
        PDS = park.GetPark(PID)

        If PDS.PkParkID = 0 Then
            Me.lblAddEditMessage.Text = "We're sorry, but the park selected has moved or does
not currently exist."
            Me.lblAddEditMessage.CssClass = "Pred"
        Else
            'Fill the Structure
            Me.lblParkID.Text = CType(PDS.PkParkID, String)
            Me.txtParkName.Text = PDS.ParkName
            Me.txtSquareFootage.Text = CType(PDS.SquareFootage, String)
            Me.txtDateCompleted.Text = PDS.DateCompleted
            Me.txtParkStreetAddress.Text = PDS.ParkStreetAddress
            Me.txtParkCity.Text = PDS.City
            Me.txtCountry.Text = PDS.Country
            Me.txtStateProv.Text = PDS.StateProv
            Me.txtNotes.Text = PDS.Notes
            Me.txtWorkSiteComments.Text = PDS.SiteComments
            '----- Service Drop Down -----
            Select Case PDS.Service
                Case "Design Only"
                    Me.ddlServicesPerformed.SelectedIndex = 0 ' Zero Based index of Drop Down
                Case "Construction Only"
                    Me.ddlServicesPerformed.SelectedIndex = 1 ' Zero Based index of Drop Down
                Case "Design & Construction"
                    Me.ddlServicesPerformed.SelectedIndex = 2 ' Zero Based index of Drop Down
            End Select
            '-----
            Me.lblHeroPhoto.Text = PDS.HomePagePhotoURL
            'Show Current Park
            Me.lblAddEditMessage.Text = "Current Park Selected: <strong>" & PDS.ParkName &
"</strong>"
            Me.lblAddEditMessage.CssClass = "Pyellow"

            If PDS.ShowHomepagePhoto = True Then
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        Me.chkShowHomePagePhoto.Checked = True
    Else
        Me.chkShowHomePagePhoto.Checked = False
    End If

    End If
Catch ex As Exception
    Me.lblAddEditMessage.Text = "We're sorry, but the park selected has moved or does not
currently exist."
    Me.lblAddEditMessage.CssClass = "Pred"

    'Writes Err to log
    AppendToLog("--- NO PARK EXISTS BY --- " & vbCrLf & WriteEx(ex))

    End Try
Else
    Me.lblAddEditMessage.Text = "Choose a park to edit or create a new park."
    Me.lblAddEditMessage.CssClass = "Pyellow"

End If

End Sub

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

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    Dim park As New Parks
    Me.lblHomePagePhotoCount.Text = CType(park.CountHomePagePhotos, String)

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End Sub

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Protected Sub btnAddUpdatePark_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles
btnAddUpdatePark.Click

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```

    Dim p As New Parks ' New Class Instance
    Dim PDS As New ParkDataSet 'Load up a data set of the park

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'=====
'=====ADD DATA VALIDATION TO STOP ERRORS=====  

'=====

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Dim NotesUpdated As String = Me.txtNotes.Text
NotesUpdated += Chr(13) & "Last Updated on: " & Date.Now.ToString

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If Me.lblParkID.Text = String.Empty Then 'There was no current park loaded

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    'Cures Need for Manditory Name (not all parks have a name)

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    If Me.txtParkName.Text = String.Empty Then
        Me.txtParkName.Text = " "
    End If

```

```

    'Build Park Info

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    PDS.ParkName = HtmlEncode(Me.txtParkName.Text)
    PDS.SquareFootage = CType(Me.txtSquareFootage.Text, Integer)
    PDS.DateCompleted = Me.txtDateCompleted.Text
    PDS.ParkStreetAddress = HtmlEncode(Me.txtParkStreetAddress.Text)
    PDS.StateProv = HtmlEncode(Me.txtStateProv.Text)
    PDS.City = HtmlEncode(Me.txtParkCity.Text)
    PDS.Country = HtmlEncode(Me.txtCountry.Text)
    PDS.Notes = NotesUpdated
    PDS.SiteComments = HtmlEncode(Me.txtWorkSiteComments.Text)
    PDS.Service = Me.ddlServicesPerformed.SelectedValue
    If Me.chkShowHomePagePhoto.Checked = True Then

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        PDS.ShowHomepagePhoto = True
Else
    PDS.ShowHomepagePhoto = False
End If

PDS.PkParkID = p.AddPark(PDS)
If PDS.PkParkID > 0 Then 'If the park ID was created

    'If there is a photo Selected Save The Photo
    If Not String.IsNullOrEmpty(fuHeroPhoto.PostedFile.FileName) Then
        'Check for Alt Desc
        If String.IsNullOrEmpty(lblHeroPhotoMessage.Text) Then
            lblHeroPhotoMessage.Text = "Please add an Alt Description to the Home page
Photo."

            Exit Sub
        End If

        'Save photo for home page
        AddSaveHero(PDS)
    End If
    'Redirect to the page with the new park added to the list
    Response.Redirect("AjaxPageEdit.aspx?page=adeditparks&edit=1&p=" & PDS.PkParkID)
Else
    lblAddEditMessage.Text = "<span class='Pred'>There was a problem Adding the
park.</span>"
End If

ElseIf IsNumeric(Me.lblParkID.Text) Then

    'Cures Need for Manditory Name
    If Me.txtParkName.Text = String.Empty Then
        Me.txtParkName.Text = " "
    End If

    'Build Park Info
    'THIS PARK EXISTS SO DON"T FORGET TO ADD THE PARKID
    PDS.PkParkID = CType(Me.lblParkID.Text, Integer)
    PDS.ParkName = HtmlEncode(Me.txtParkName.Text)
    PDS.SquareFootage = CType(Me.txtSquareFootage.Text, Integer)
    PDS.DateCompleted = Me.txtDateCompleted.Text
    PDS.ParkStreetAddress = HtmlEncode(Me.txtParkStreetAddress.Text)
    PDS.StateProv = HtmlEncode(Me.txtStateProv.Text)
    PDS.City = HtmlEncode(Me.txtParkCity.Text)
    PDS.Country = HtmlEncode(Me.txtCountry.Text)
    PDS.Notes = NotesUpdated
    PDS.SiteComments = HtmlEncode(Me.txtWorkSiteComments.Text)
    PDS.Service = Me.ddlServicesPerformed.SelectedValue
    If Me.chkShowHomePagePhoto.Checked = True Then
        PDS.ShowHomepagePhoto = True
    Else
        PDS.ShowHomepagePhoto = False
    End If

    Me.lblAddEditMessage.Text = p.UpdatePark(PDS)
    AddSaveHero(PDS)
    lblAddEditMessage.Text = "Skatepark: <strong>" & Me.txtParkCity.Text & ", " &
Me.txtStateProv.Text & " has been updated. </strong>"
End If

End Sub

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Protected Sub AddSaveHero(ByVal PDS As ParkDataSet)

    Dim Parks As New Parks
    'Create a ParkDataSet to Hold and Pass Info

    If fuHeroPhoto.FileName.Length > 0 Then
        'Check the value and file size
        Dim FileValue As Integer = CheckFileType(fuHeroPhoto.PostedFile.FileName,
fuHeroPhoto.PostedFile.ContentLength)

        If FileValue = 1 Then
            'Only of there was a problem, we just
            lblHeroPhotoMessage.ForeColor = Drawing.Color.Red
            lblHeroPhotoMessage.Text &= "The image must be a jpg, png, or gif image."
            Return
        ElseIf FileValue = 2 Then
            lblHeroPhotoMessage.ForeColor = Drawing.Color.Red
            lblHeroPhotoMessage.Text &= "The file can not be more than 5MB in size!"
            Return
        ElseIf FileValue = 0 Then
            '0 is returned and we Size and save the the photo and thumbnail.

            '=====
            'Save the photo to the Server - pass which FileUpload and the photoID
            'It returns the FileName to Update the Photo Table photoUrl
            '-----
            '==== CHANGE TO ResizeSave FUNCTION FOR SIZING EFFECT =====

            'Save Full Size
            Dim fileName As String = fuHeroPhoto.PostedFile.FileName
            fileName = Server.MapPath("~/images/tempimg/" & PDS.PkParkID & "." &
GetFileType(fileName).ToLower)
            Me.fuHeroPhoto.PostedFile.SaveAs(fileName)

            'Save the full size gallery image as "hero"
            PDS.HomePagePhotoURL = ResizeSave(PDS.PkParkID, fileName, "hero")
            '-----

            'set the alt text
            PDS.HPPPhotoAltText = HtmlEncode(Me.txtHeroPhotoAlt.Text)
            'set the visible value
            If Me.chkShowHomePagePhoto.Checked = True Then
                PDS.ShowHomepagePhoto = True
            Else
                PDS.ShowHomepagePhoto = False
            End If

            'Add the photo Order
            '=====
            ' THIS ADD ONLY ADDS TO THE END OF THE LIST
            ' YOU MUST USE THE HOMEPAGE POSITION CONTROL TO
            ' CHOOSE THE ORDER
            '=====
            'count the current number of home page photos and add to the end
            PDS.HomePagePhotoOrder = (Parks.CountHomePagePhotos) + 1
        End If
    End If
End Sub

```

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'To Insert the photo in the Picture Table
'=====
'=====
'RETURNS THE FULL ADDRESS SENT IN
'THIS MUST BE COMPLETE TO RETURN A COMPLETE ADDRESS FOR SAVING

PDS = AddHeroPhoto(PDS)

Me.lblHeroPhoto.Text = "<img src='" & PDS.HomePagePhotoURL & "' alt='" &
Me.txtHeroPhotoAlt.Text & "' name='" & Me.txtHeroPhotoAlt.Text & "' />"
'=====
'=====
'Save one tooltip thumbnail and this does not have to be saved in the database
'because it is essentially the same photo just smaller
'So we know that when we call the photo from /images/homepage/hero
'we can call the thumbnail by just adding the thumbnails/ directory
'/images/homepage/thumbnails/hero
Dim ThumbnailPhotoUrl As String = ResizeSave(PDS.PkParkID, fileName, "thumb")

'Reload the page
Response.Redirect("AjaxPageEdit.aspx?page=adeditparks&edit=1&p=" & PDS.PkParkID)

End If

End If
End Sub

```

```

Public Function ResizeSave(ByVal ParkID As Integer, ByVal LocalImageUrl As String, ByVal
FullSizeOrThumb As String) As String

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```

Dim ImageURL As String = String.Empty ' return Image URL

'Read in the image filename to create a Photo of
Dim fullSizeImg As System.Drawing.Image
fullSizeImg = System.Drawing.Image.FromFile(LocalImageUrl) 'Server.MapPath(imageUrl))

'Read in the width and height
'This could be determined by a dropdown or something so this could handle
'All image needs for a site.
Dim imageWidth As Integer
Dim imageHeight As Integer

'::::::::::::::::::::::::::::::::::::::
'These were the Flash Version 2008
'imageWidth = 515 'Max Width
'imageHeight = 166 'Max Height

'2011 jquery size
If FullSizeOrThumb.ToLower = "hero" Then
    'Thumbnail
    imageWidth = 760 'Max Width
    imageHeight = 300 'Max Height
    '-----
ElseIf FullSizeOrThumb.ToLower = "thumb" Then
    'Thumbnail
    imageWidth = 89
    imageHeight = 35
    '-----
End If

'::::::::::::::::::::::::::::::::::::::

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'=====
'GET THE WIDTH AND HEIGHT HERE
'=====

Dim wh As New WidthHeight
'Return the pixel aspect needed to create an image that is
' sized to a max height for formatting
wh = ResizeImageKeepAspectRatio(CType(fullSizeImg, Bitmap), imageWidth, imageHeight)
imageHeight = wh.height
imageWidth = wh.width

If imageHeight > 0 And imageWidth > 0 Then
    fullSizeImg.RotateFlip(Drawing.RotateFlipType.Rotate180FlipNone)
    fullSizeImg.RotateFlip(Drawing.RotateFlipType.Rotate180FlipNone)

    Dim dummyCallBack As System.Drawing.Image.GetThumbnailImageAbort
    dummyCallBack = New _
        System.Drawing.Image.GetThumbnailImageAbort(AddressOf ThumbnailCallback)

    Dim thumbNailImg As System.Drawing.Image
    thumbNailImg = fullSizeImg.GetThumbnailImage(imageWidth, imageHeight, _
        dummyCallBack, IntPtr.Zero)

    '-----
    '-----
    '===== images/homepage/thumbnails/=====
    '-----
    '-----
    If FullSizeOrThumb.ToLower = "hero" Then
        '-----
        ImageURL = Server.MapPath("~/images/homepage/hero" & ParkID & "." &
GetFileType(fuHeroPhoto.PostedFile.FileName).ToLower)
        '--> look for function replace below <--
        'file = file.Replace(" ", String.Empty)

        'Saving as a jpeg is definately a better option. When saved as a gif it looks messed
up.
        thumbNailImg.Save(ImageURL, Drawing.Imaging.ImageFormat.Jpeg)

        'Shorten the file path for the web page call
        ImageURL = "images/homepage/hero" & ParkID & "." &
GetFileType(fuHeroPhoto.PostedFile.FileName).ToLower

        'Clean up / Dispose...
        thumbNailImg.Dispose()
        '-----
    ElseIf FullSizeOrThumb.ToLower = "thumb" Then
        '-----
        ImageURL = Server.MapPath("~/images/homepage/thumbnails/hero" & ParkID & "." &
GetFileType(fuHeroPhoto.PostedFile.FileName).ToLower)
        '--> look for function replace below <--
        'file = file.Replace(" ", String.Empty)

        'Saving as a jpeg is definately a better option. When saved as a gif it looks messed
up.
        thumbNailImg.Save(ImageURL, Drawing.Imaging.ImageFormat.Jpeg)

        'Shorten the file path for the web page call
        ImageURL = "images/homepage/thumbnails/herothumb" & ParkID & "." &
GetFileType(fuHeroPhoto.PostedFile.FileName).ToLower

        'Clean up / Dispose...
        thumbNailImg.Dispose()
        '-----
    End If

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Else
    '=====
    'This is for saving the exact file coming in
    'It won't be used here since we are making sure
    'that all photos will be constrained
    '=====
    'Saving as a jpeg is definately a better option. When saved as a gif it looks messed up.
    fullSizeImg.Save(Response.OutputStream, Drawing.Imaging.ImageFormat.Jpeg)
End If

'Clean up / Dispose...
fullSizeImg.Dispose()

Return ImageURL
End Function

Protected Sub lbDeleteThisProject_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles lbDeleteThisProject.Click

    Dim ParkID As String = Request.Params("p")

    If IsNumeric(ParkID) Then
        Response.Redirect("AjaxPageEdit.aspx?page=deleteproject&edit=1&p=" & ParkID)
    End If

    Me.lblAddEditMessage.Text = "Please select a park to edit."

End Sub
End Class

```