

# **Guideline for ASP.NET Professional Project**

**Lecture\_04 (AJAX)**

**Created by**

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**Lecturer**

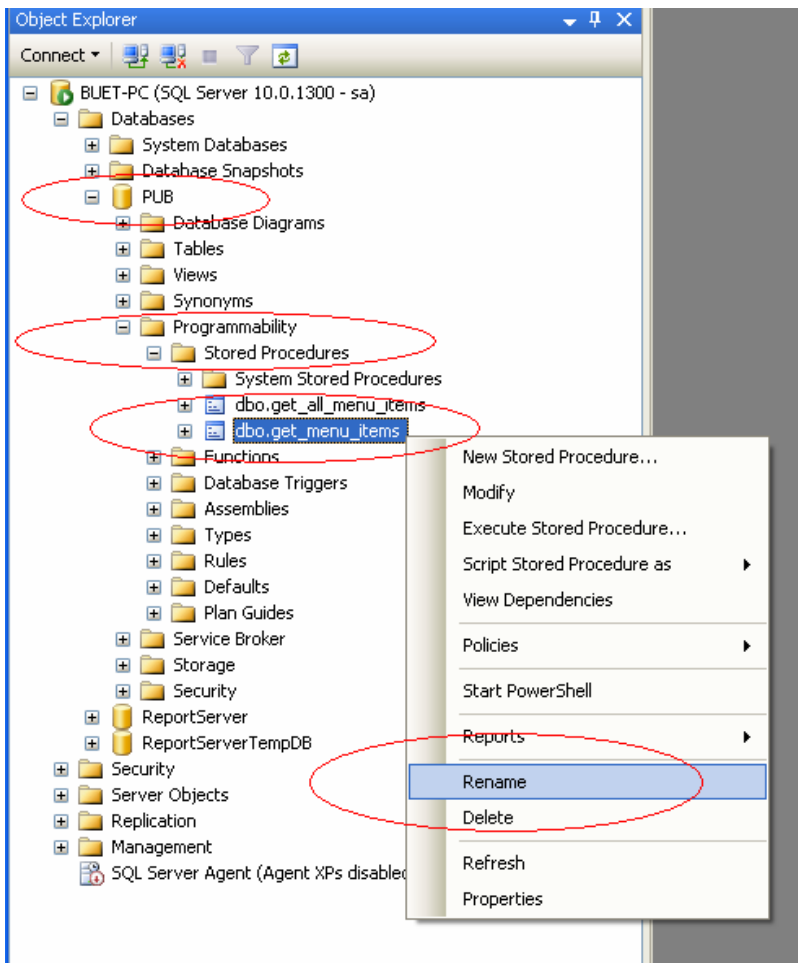
**Department of**

**Electronics and Telecommunication Engineering**

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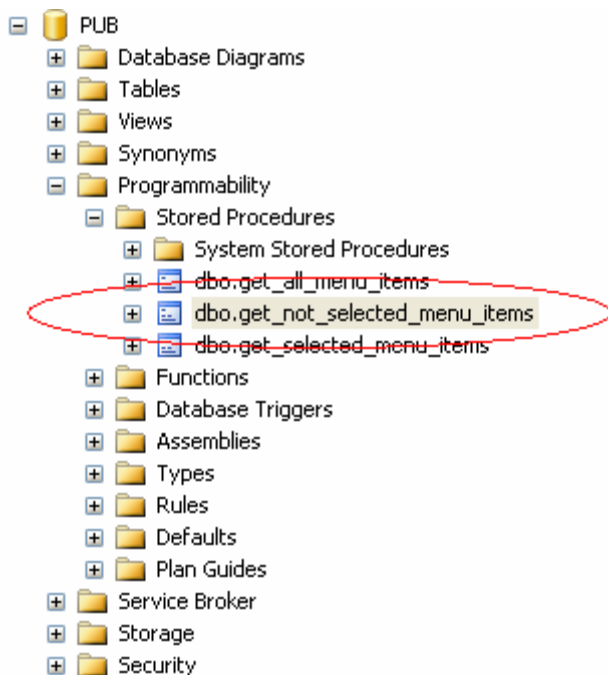
## 1. Open SQL Server Management Studio



## 2. Rename get\_menu\_items as get\_selected\_menu\_items

## 3. Create a new Stored Procedure named get\_not\_selected\_menu\_items with the following query

```
SELECT * FROM TopMenu WHERE MenuItemSelected != 1;
```



#### 4. In TopMenu.ascx.cs file change the line

```
SqlCommand cmd = new SqlCommand("dbo.get_menu_items", connection);
```

to

```
SqlCommand cmd = new SqlCommand("dbo.get_selected_menu_items", connection);
```

#### 5. Now in the master page file Site.master add a ScriptManager just after the form tag

```
<form id="form1" runat="server">
  <asp:ScriptManager ID="ScriptManager1" runat="server">
  </asp:ScriptManager>
  <center>
```

#### 6. Now change open the DefaultAdmin.aspx page and change the content to

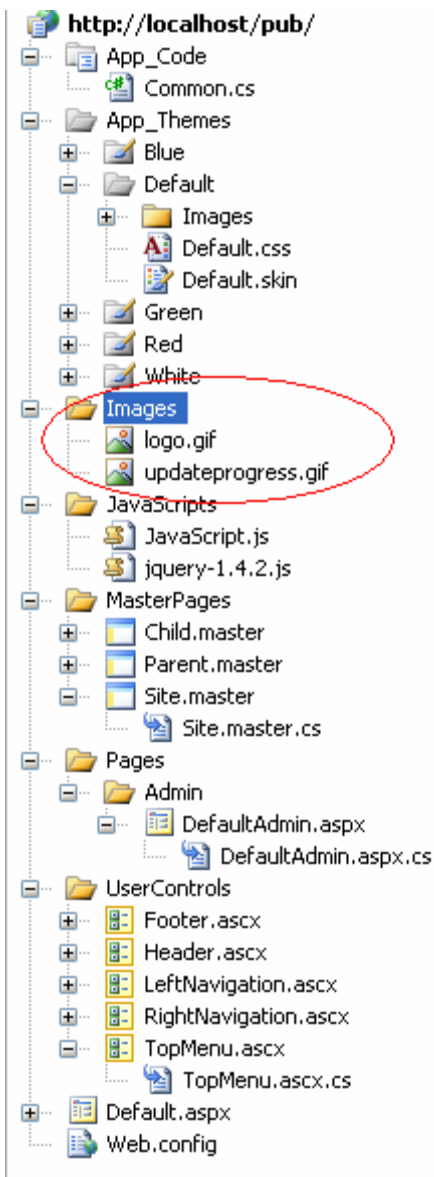
```
<%@ Page Language="C#" MasterPageFile="~/MasterPages/Site.master" AutoEventWireup="true"
  CodeFile="DefaultAdmin.aspx.cs" Inherits="Pages_Admin_DefaultAdmin" Title="Untitled
Page" %>
```

```
<asp:Content ID="Content1" ContentPlaceHolderID="cphContent" runat="Server">
  <asp:UpdatePanel ID="uplgvTopMenu" runat="server">
    <ContentTemplate>
      <asp:UpdateProgress ID="uprgvTopMenu" runat="server">
        <ProgressTemplate>
          
        </ProgressTemplate>
      </asp:UpdateProgress>
      <asp:GridView ID="gvTopMenu" runat="server" align="left">
      </asp:GridView>
    </ContentTemplate>
    <Triggers>
      <asp:AsyncPostBackTrigger ControlID="ddlgvTopMenuUpdate"
EventName="SelectedIndexChanged" />
    </Triggers>
  </asp:UpdatePanel>
  <asp:DropDownList ID="ddlgvTopMenuUpdate" runat="server" AutoPostBack="True"
OnSelectedIndexChanged="ddlgvTopMenuUpdate_SelectedIndexChanged">
    <asp:ListItem Selected="True" Value="All">
      All Menu Items
    </asp:ListItem>
    <asp:ListItem Value="True">
      Menu Items Selected
    </asp:ListItem>
    <asp:ListItem Value="False">
      Menu Items Not Selected
    </asp:ListItem>
  </asp:DropDownList>
</asp:Content>
```

7. Now change open the DefaultAdmin.aspx.cs page and change the content to

```
public partial class Pages_Admin_DefaultAdmin : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        gvTopMenu.DataSource = Common.SQLServerConnection("dbo.get_all_menu_items");
        gvTopMenu.DataBind();
    }
    protected void ddlgvTopMenuUpdate_SelectedIndexChanged(object sender, EventArgs e)
    {
        if (ddlgvTopMenuUpdate.SelectedItem.Value == "All")
        {
            gvTopMenu.DataSource = Common.SQLServerConnection("dbo.get_all_menu_items");
            gvTopMenu.DataBind();
            System.Threading.Thread.Sleep(3000);
        }
        else if (ddlgvTopMenuUpdate.SelectedItem.Value == "True")
        {
            gvTopMenu.DataSource =
Common.SQLServerConnection("dbo.get_selected_menu_items");
            gvTopMenu.DataBind();
            System.Threading.Thread.Sleep(3000);
        }
        else if (ddlgvTopMenuUpdate.SelectedItem.Value == "False")
        {
            gvTopMenu.DataSource =
Common.SQLServerConnection("dbo.get_not_selected_menu_items");
            gvTopMenu.DataBind();
            System.Threading.Thread.Sleep(3000);
        }
    }
}
```

8. Now download a gif image to have update progress view. You can download from-  
<http://www.aspneti.com/images/updateprogress.gif>
9. Now add this image to the Images folder-



10. And now run your application

11. You should get the partial page update feature implemented on your site when you will change the item from the drop down list.

12. The Page will be loaded like this-



Home News & Events

MenuItemID	MenuItemName	MenuItemURL	MenuItemSelected	All Menu Items
1	Home	#	<input checked="" type="checkbox"/>	
2	News & Events	#	<input checked="" type="checkbox"/>	
3	Academic Calendar	#	<input type="checkbox"/>	
4	Grading Syatem	#	<input type="checkbox"/>	
5	Admission Form	#	<input type="checkbox"/>	
6	Photo Gallery	#	<input type="checkbox"/>	
7	Job Opportunities	#	<input type="checkbox"/>	

13. Now change the menu items view from the dropdown list –



Home News & Events



MenuItemID	MenuItemName	MenuItemURL	MenuItemSelected	Menu Items Selected
1	Home	#	<input checked="" type="checkbox"/>	Menu Items Selected
2	News & Events	#	<input checked="" type="checkbox"/>	
3	Academic Calendar	#	<input type="checkbox"/>	
4	Grading Syatem	#	<input type="checkbox"/>	
5	Admission Form	#	<input type="checkbox"/>	
6	Photo Gallery	#	<input type="checkbox"/>	
7	Job Opportunities	#	<input type="checkbox"/>	

14. You should get the partial page update feature.

15. One problem will be added. That is-



Home News & Events

MenuItemID	MenuItemName	MenuItemURL	MenuItemSelected	Menu Items Selected
1	Home	#	<input checked="" type="checkbox"/>	Menu Items Selected
2	News & Events	#	<input checked="" type="checkbox"/>	

16. The alternating row style which we applied using **jquery** works no more and the color of the table vanishes.

17. Open the JavaScript.js file. Change the code as follows

```
function highlightRow(tblID)
{
    tblIDall = "\":[ID*=" + tblID + "]\\" tr td";
    tblIHead = "\":[ID*=" + tblID + "]\\" tr th";
    $(tblIHead).css({"background-color":"#000",
                    "color":"#FFF"});
    var element = $(tblIDall).parent();
    for (var i = element.length - 1; i >= 0;)
    {
        $(element[i]).css({ "background-color": "#FFFFFF" });
        i--;
        $(element[i]).css({ "background-color": "#E3F1FA" });
        i--;
    }
    $(tblIDall).hover(function() {
        $(this).parent().toggleClass("highlightrow");
    }, function() {
        $(this).parent().toggleClass("highlightrow");
    });
}

$(document).ready(function() {
    highlightRow("gvTopMenu");
});

function pageLoad(sender, args) {
    if (args.get_isPartialLoad()) {
        highlightRow("gvTopMenu");
    }
}
```

18. Now you should get the nice alternating row style effect working with ajax.

MenuItemID	MenuItemName	MenuItemURL	MenuItemSelected	All Menu Items
1	Home	#	<input checked="" type="checkbox"/>	
2	News & Events	#	<input checked="" type="checkbox"/>	
3	Academic Calendar	#	<input type="checkbox"/>	
4	Grading Syatem	#	<input type="checkbox"/>	
5	Admission Form	#	<input type="checkbox"/>	
6	Photo Gallery	#	<input type="checkbox"/>	
7	Job Opportunities	#	<input type="checkbox"/>	