**MVC 5 Membership Website**

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# Resources placed in folder

Training\Books Videos\Building MVC 5 Membership Html 5 Css3

# Created the project with

1. VS 2019
2. Asp.Net Framework 4.7.2
3. MVC 5
4. Individual User Accounts
5. SSL unchecked
6. Microsoft OWIN
7. Razor Pages 3
8. Web Pages 3

# App\_Start Folder

# 

App-start has the config cs files for bundling, filter identity, route and start up files. All if these are classed inside the global.asax file.



Default route is specified inside the RouteConfig.cs file.

## BundleConfig.cs

Here we will create the bundles which will be then added to the \_Layout.cshtml file or individual pages.

### V1.0 Initial File

using System.Web;

using System.Web.Optimization;

namespace Web.Memberships

{

public class BundleConfig

{

// For more information on bundling, visit https://go.microsoft.com/fwlink/?LinkId=301862

public static void RegisterBundles(BundleCollection bundles)

{

bundles.Add(new ScriptBundle("~/bundles/jquery").Include(

"~/Scripts/jquery-{version}.js"));

bundles.Add(new ScriptBundle("~/bundles/jqueryval").Include(

"~/Scripts/jquery.validate\*"));

// Use the development version of Modernizr to develop with and learn from. Then, when you're

// ready for production, use the build tool at https://modernizr.com to pick only the tests you need.

bundles.Add(new ScriptBundle("~/bundles/modernizr").Include(

"~/Scripts/modernizr-\*"));

bundles.Add(new ScriptBundle("~/bundles/bootstrap").Include(

"~/Scripts/bootstrap.js"));

bundles.Add(new StyleBundle("~/Content/css").Include(

"~/Content/bootstrap.css",

"~/Content/site.css"));

}

}

}

### V1.1 Adding Sitejs Bundle

This entry to create the Site specific js bundle and then add the AiteAdminMenu js to the bundle created via step [Adding SiteAdminMenu.js to BundleConfig](#_Add_SiteAdmin.js_to) below.



Once the bundle is created then Add it to the \_Layout.cshtml file

# Content Folder

This is where we will put in the resources like images, js and css.

Please create the Documents, Images and Logos folder and then moved the files into this folder.

# Adding the Admin Menu

Admin menu will be created inside the Views\Shared folder in the root and added to the \_layout.cshtml file

## \_Layout.cshtml

All the menus are in this file and we will keep on building on it.

### V1.0 Initial File

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>@ViewBag.Title - My ASP.NET Application</title>

@Styles.Render("~/Content/css")

@Scripts.Render("~/bundles/modernizr")

</head>

<body>

<div class="navbar navbar-inverse navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="/Home/Index/">

<img src="~/Content/Logos/membership-icon-30x152.png" class="visible-xs" />

<img src="~/Content/Logos/membership-icon-45x184.png" class="hidden-xs" />

</a>

</div>

<div class="navbar-collapse collapse">

<ul class="nav navbar-nav">

<li>@Html.ActionLink("Home", "Index", "Home")</li>

<li>@Html.ActionLink("About", "About", "Home")</li>

<li>@Html.ActionLink("Contact", "Contact", "Home")</li>

</ul>

@Html.Partial("\_LoginPartial")

</div>

</div>

</div>

<div class="container body-content">

@RenderBody()

<hr />

<footer>

<p>&copy; @DateTime.Now.Year - My ASP.NET Application</p>

</footer>

</div>

@Scripts.Render("~/bundles/jquery")

@Scripts.Render("~/bundles/bootstrap")

@RenderSection("scripts", required: false)

</body>

</html>

### V1.1 Adding Admin Menu

This step is part of [\_SiteAdminMenuPartial.cshtml](#__SiteAdminMenuPartial.cshtml) below.



### V1.2 Adding SiteJs bundle

We first created the js file to toggle admin menu via step [SiteAdminMenu.js](#_SiteAdminMenu.js) below.

Then we created the [bundle](#_V1.1_Adding_Sitejs) entry above.

And finally we need to add the bundle to the \_Layout.cshtml file.



## \_SiteAdminMenuPartial.cshtml

Create the menu file inside Views\Shared folder and then will add it to the [\_Layout.cshtml (v1.1)](#_V1.1_Adding_Admin) file.

Right click the Shared folder and add view. Under the options select “Create as a partial view” check box and name it per the heading above. This will be a dropdown menu so will need to

1. add the bootstrap class dropdown.
2. and an attribute “data-admin-menu” which we will target via jquery to open the menu.
3. And finally will add the partial view to the [\_layout.cshtml (V1.1)](#_V1.1_Adding_Admin) file.
4. Do note that Admin link will have down arrow so adding a span and applying classes “glyphicon glyphicon-chevron-down”. Important thing to note is that you shouldn’t be placing anything inside the span tag.
5. We’ll then place another UL block and apply the “dropdown-menu” class and will give it the role of “menu”.

### V1.0 Admin Menu Initial

<li class="dropdown" data-admin-menu>

<a href="#">

Admin

<span class="glyphicon glyphicon-chevron-down"></span>

</a>

<ul class="dropdown-menu" role="menu">

<li class="dropdown-header">Minor Entities</li>

<li class="divider" />

<li><a href="/Admin/Section">&nbsp;&nbsp;Section</a></li>

<li><a href="/Admin/Part">&nbsp;&nbsp;Part</a></li>

<li><a href="/Admin/ItemType">&nbsp;&nbsp;Item Type</a></li>

<li><a href="/Admin/ProductType">&nbsp;&nbsp;Product Type</a></li>

<li><a href="/Admin/ProductLinkText"> &nbsp;&nbsp;Product Link Text</a></li>

<li class="divider" />

<li class="dropdown-header">Major Entities</li>

<li class="divider" />

<li><a href="/Admin/Item">&nbsp;&nbsp;Item</a></li>

<li><a href="/Admin/Product">&nbsp;&nbsp;Product</a></li>

<li><a href="/Admin/Subscription"> &nbsp;&nbsp;Subscription</a></li>

<li class="divider" />

<li class="dropdown-header">Connector Entities</li>

<li class="divider" />

<li><a href="/Admin/ProductItem">&nbsp;&nbsp;Product Item</a></li>

<li><a href="/Admin/SubscriptionProduct"> &nbsp;&nbsp;Subscription Product</a></li>

<li class="divider" />

<li class="dropdown-header">Users & Subscriptions</li>

<li class="divider" />

<li><a href="/Account"> &nbsp;&nbsp;Users & Subscriptions</a></li>

</ul>

</li>

## Opening and Closing the Menu

We’ll do it via javascript file

1. Right click the Scripts folder and add javascript file
2. Name it SiteAdminMenu.js.
3. We will toggle the open class when we’ll hover over the menu.
4. Then we’ll create the bundle
5. And finally will add the bundle to the \_Layout.cshtml file

### SiteAdminMenu.js

$(function () {

//target the li that has the attribute data-admin-menu

//we'll toggle the class open, to open and close the menu

$('li[data-admin-menu]').hover(function () {

$(this).toggleClass('open');

});

});

#### Add SiteAdmin.js to BundleConfig

Check [BundleConfig (V1.1)](#_V1.1_Adding_Sitejs) for details

And then will need to add the bundle to the [\_layout.cshtml (V1.2)](#_V1.2_Adding_SiteJs) above.

At this point run the app and hover over/out the Admin menu to see the affect.

# Entities

Database table classes are in Entities folder.

Check Entities diagram inside the App\_Code folder for details.

# Areas

Add the new areas in VS 2019 by right clicking on the project and then adding a new scaffolding item and selecting area.





* Admin