(T12)討論Layout、ViewStart、PartialView、LayoutNamedSections  
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(T12)討論Layout、ViewStart、PartialView、LayoutNamedSections  
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0. Summary

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In this tutorial, we will discuss

\* View

\* PartialView

\* ViewStart

\* Layout

\* LayoutNamedSections

\* 模板分身術之完全理解Layout，ViewStart ，PartialView，LayoutNamedSections。

\* 攻略Layout和ViewStart千絲萬縷的情緣。八卦，九掛，十掛的通通解密。

\* PartialView和LayoutNamedSections的應用。

\* 讓你的模板Layout就像漩渦鳴人的影分身之術套用到每一頁

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1. New Project - OnlineGame

File --> New --> Project... -->

Other Project Types --> Visual Studio Solutions -->  Blank Solution

-->

Name: **OnlineGame**

Graphical user interface, application

Description automatically generated

1.1. New Project - OnlineGame.Web

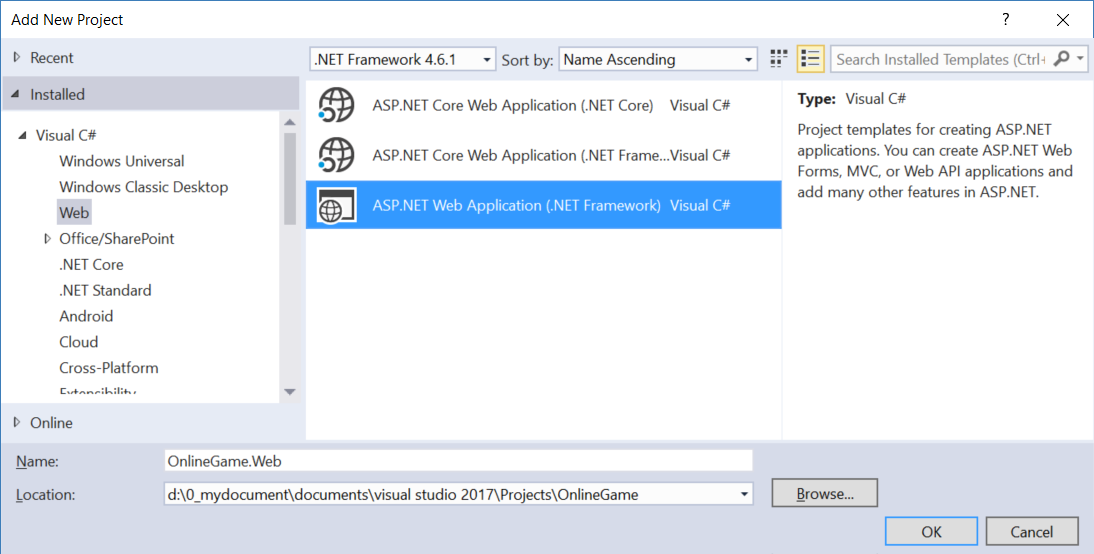
Solutions Name --> Add --> New Project -->

Visual C# --> Web --> [ASP.NET](http://asp.net/)Web Application (.Net Framework)

-->

Name: **OnlineGame.Web**

Empty --> Select "MVC" --> OK



Graphical user interface, text, application

Description automatically generated

1.1.1. Global.asax.cs

using System.Web.Mvc;

using System.Web.Routing;

namespace OnlineGame.Web

{

    public class MvcApplication : System.Web.HttpApplication

    {

        //Application\_Start() is the magic start point of this application

        protected void Application\_Start()

        {

            AreaRegistration.RegisterAllAreas();

            //1.

            //Register Route Configure in RouteConfig.cs

            //If you want to see route configuration,

            //you may find it in RouteConfig.cs

            //2.

            //System.Web.Routing.RouteCollection Routes { get; }

            //Gets a collection of objects that derive from the System.Web.Routing.RouteBase class.

            RouteConfig.RegisterRoutes(RouteTable.Routes);

        }

    }

}

1.1.2. App\_Start/RouteConfig.cs

using System.Web.Mvc;

using System.Web.Routing;

namespace OnlineGame.Web

{

    public class RouteConfig

    {

        public static void RegisterRoutes(RouteCollection routes)

        {

            //Handle the Route of the axd request file.

            //E.g. [ASP.Net](http://asp.net/) Tracing

            routes.IgnoreRoute("{resource}.axd/{\*pathInfo}");

            //Handle the Route called "Default".

            //The mapping URL is "{controller}/{action}/{id}"

            //Set the default value of Controller, action, and id.

            routes.MapRoute(

                name: "Default",

                url: "{controller}/{action}/{id}",

                defaults: new { controller = "Home", action = "Index", id = UrlParameter.Optional }

            );

        }

    }

}

/\*

1.

//routes.MapRoute(

//    name: "Default",

//    url: "{controller}/{action}/{id}",

//    defaults: new { controller = "Home", action = "Index", id = UrlParameter.Optional }

//);

1.1.

When a request comes in,

it's trying to do a pattern match based on

all the templates it sees in these mapped routes.

A route is some instructions for

how to take a URI coming into a request

and map it to some code,

normally a controller.

In this case,

look at defaults parameter,

when user request <http://localhost:PortNumber/>

IIS Express will run

HomeController Index action.

It will map to Controllers/HomeController.cs

and   map to Index Method

1.2.

By convention in MVC.

All controllers will have Controller suffix.

This suffix is not required in the URL.

So, if you want to invoke Home controller,

you specify /Home and not /HomeController.

-----------------------------------

2.

//routes.IgnoreRoute("{resource}.axd/{\*pathInfo}");

2.1.

Reference:

<https://stackoverflow.com/questions/9016650/what-is-routes-ignorerouteresource-axd-pathinfo>

This line can handle the axd file request route,

E.g. trace.axd

.axd files don't exist physically.

[ASP.NET](http://asp.net/) uses URLs with .axd extensions

(ScriptResource.axd and WebResource.axd) internally,

and they are handled by an HttpHandler.

Therefore, you should keep this rule,

to prevent [ASP.NET](http://asp.net/) MVC from trying to handle the request

instead of letting the dedicated HttpHandler do it.

2.2.

trace.axd

Reference:

<https://msdn.microsoft.com/en-us/library/wwh16c6c.aspx>

trace.axd trace details for a specific request.

If you want to enable trace.axd,

then you have to go to Web.config

Add <trace enabled="true" pageOutput="false"/> under <system.web>

Then run the project, type the following URL

<http://localhost/OnlineGame.Web/trace.axd>

This will return [ASP.NET](http://asp.net/) trace, trace.axd.

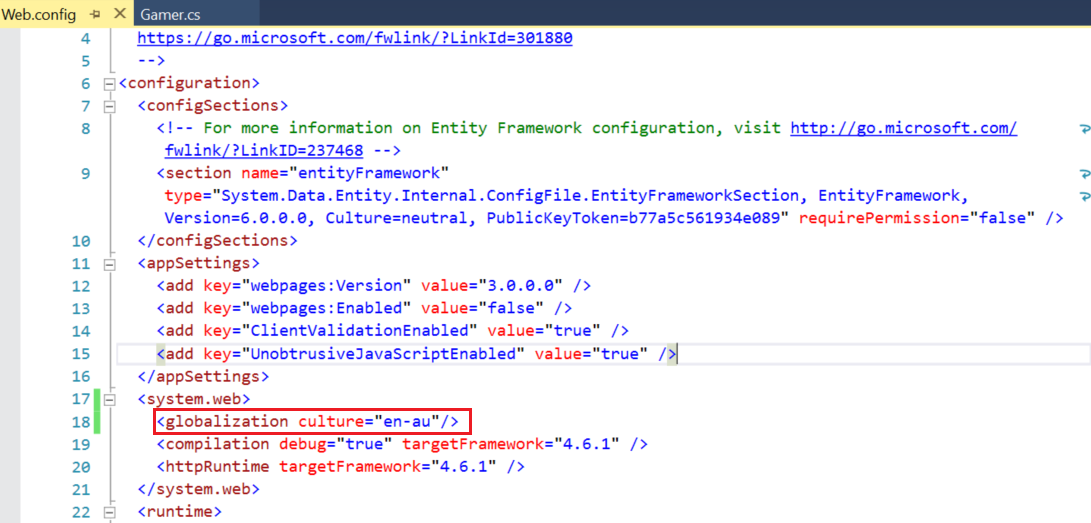
If you do not have

// routes.IgnoreRoute("{resource}.axd/{\*pathInfo}");

then you can not enable the trace.axd.

\*/

1.1.3. Web.config



  <system.web>

    <globalization culture="en-au"/>

2. OnlineGame.Web

2.1. Create CustomHtmlHelper

2.1.1. CustomHtmlHelper/CustomHtmlHelper.cs

using System.Web;

using System.Web.Mvc;

namespace OnlineGame.Web.CustomHtmlHelper

{

    public static class CustomHtmlHelper

    {

        public static IHtmlString Image(this HtmlHelper customHtmlHelper, string src, string alt)

        {

            // Create <img> tag

            TagBuilder tb = new TagBuilder("img");

            // Add src attribute

            tb.Attributes.Add("src", VirtualPathUtility.ToAbsolute(src));

            // Add alt attribute

            tb.Attributes.Add("alt", alt);

            // return MvcHtmlString object which implements IHtmlString interface.

            return new MvcHtmlString(tb.ToString(TagRenderMode.SelfClosing));

        }

        public static string ImageString(this HtmlHelper customHtmlHelper, string src, string alt)

        {

            // Create <img> tag

            TagBuilder tb = new TagBuilder("img");

            // Add src attribute

            tb.Attributes.Add("src", VirtualPathUtility.ToAbsolute(src));

            // Add alt attribute

            tb.Attributes.Add("alt", alt);

            // return MvcHtmlString object which implements IHtmlString interface.

            return tb.ToString(TagRenderMode.SelfClosing);

        }

    }

}

/\*

1.

Create Custom Html Helper

1.1.

Html helper is an extension method,

so an extension method needs to be a static method in a static class.

The first parameter must have this keyword represents the calling object.

In this case, "this System.Web.Mvc.HtmlHelper customHtmlHelper"

1.2.

Use TagBuilder to create HTML tag.

1.3.

Return MvcHtmlString object which implements IHtmlString interface.

1.4.

The view which uses this Html helper needs to "using this namespace".

In this case, "Using OnlineGame.Web.CustomHtmlHelper"

If you want this HTML helper is available in all views,

You need to include this namespace in Views/web.config file.

E.g.

//<system.web.webPages.razor>

//<host factoryType = "System.Web.Mvc.MvcWebRazorHostFactory, System.Web.Mvc, Version=5.2.3.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35" />

//< pages pageBaseType="System.Web.Mvc.WebViewPage">

//<namespaces>

//    <add namespace="System.Web.Mvc" />

//    <add namespace="System.Web.Mvc.Ajax" />

//    <add namespace="System.Web.Mvc.Html" />

//    <add namespace="System.Web.Routing" />

//    <add namespace="OnlineGame.Web" />

//    <add namespace="OnlineGame.Web.CustomHtmlHelper" />

//</namespaces>

//</pages>

//</system.web.webPages.razor>

\*/

2.1.2. Views/web.config

<?xml version="1.0"?>

<configuration>

  <configSections>

    <sectionGroup name="system.web.webPages.razor" type="System.Web.WebPages.Razor.Configuration.RazorWebSectionGroup, System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35">

      <section name="host" type="System.Web.WebPages.Razor.Configuration.HostSection, System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35" requirePermission="false" />

      <section name="pages" type="System.Web.WebPages.Razor.Configuration.RazorPagesSection, System.Web.WebPages.Razor, Version=3.0.0.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35" requirePermission="false" />

    </sectionGroup>

  </configSections>

  <system.web.webPages.razor>

    <host factoryType="System.Web.Mvc.MvcWebRazorHostFactory, System.Web.Mvc, Version=5.2.3.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35" />

    <pages pageBaseType="System.Web.Mvc.WebViewPage">

      <namespaces>

        <add namespace="System.Web.Mvc" />

        <add namespace="System.Web.Mvc.Ajax" />

        <add namespace="System.Web.Mvc.Html" />

        <add namespace="System.Web.Routing" />

        <add namespace="OnlineGame.Web" />

        <add namespace="OnlineGame.Web.CustomHtmlHelper" />

      </namespaces>

    </pages>

  </system.web.webPages.razor>

  <appSettings>

    <add key="webpages:Enabled" value="false" />

  </appSettings>

  <system.webServer>

    <handlers>

      <remove name="BlockViewHandler"/>

      <add name="BlockViewHandler" path="\*" verb="\*" preCondition="integratedMode" type="System.Web.HttpNotFoundHandler" />

    </handlers>

  </system.webServer>

  <system.web>

    <compilation>

      <assemblies>

        <add assembly="System.Web.Mvc, Version=5.2.3.0, Culture=neutral, PublicKeyToken=31BF3856AD364E35" />

      </assemblies>

    </compilation>

  </system.web>

</configuration>

2.2. Models

2.2.1. Models/Gamer.cs

namespace OnlineGame.Web.Models

{

    public class Gamer

    {

        public int Id { get; set; }

        public string Name { get; set; }

        public string Gender { get; set; }

        public int Score { get; set; }

    }

}

2.3. Controller

2.3.1. Controllers/HomeController.cs

Graphical user interface, text, application

Description automatically generated

using System.Web.Mvc;

namespace OnlineGame.Web.Controllers

{

    public class HomeController : Controller

    {

        [HttpGet]

        public ActionResult Index()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index2()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index3()

        {

            return View("Index3", "\_Layout3");

        }

    }

}

2.3.2. Controllers/GamerController.cs

Graphical user interface, text, application

Description automatically generated

using System.Web.Mvc;

using OnlineGame.Web.Models;

namespace OnlineGame.Web.Controllers

{

    public class GamerController : Controller

    {

        [HttpGet]

        public ActionResult Index()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index2()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index3()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index4()

        {

            Gamer gamer = new Gamer

            {

                Id = 1,

                Name = "Name1",

                Gender = "Male",

                Score = 2000

            };

            return View(gamer);

        }

        public ActionResult Details()

        {

            Gamer gamer = new Gamer

            {

                Id = 1,

                Name = "Name1",

                Gender = "Male",

                Score = 2000

            };

            return View("\_GamerDetails", gamer);

        }

        //In order to prevent layout view apply to partial view.

        //A. Return type is PartialViewResult.

        //B. return PartialView("\_PartialViewName", ModelObject);

        public PartialViewResult Details2()

        {

            Gamer gamer = new Gamer

            {

                Id = 1,

                Name = "Name1",

                Gender = "Male",

                Score = 2000

            };

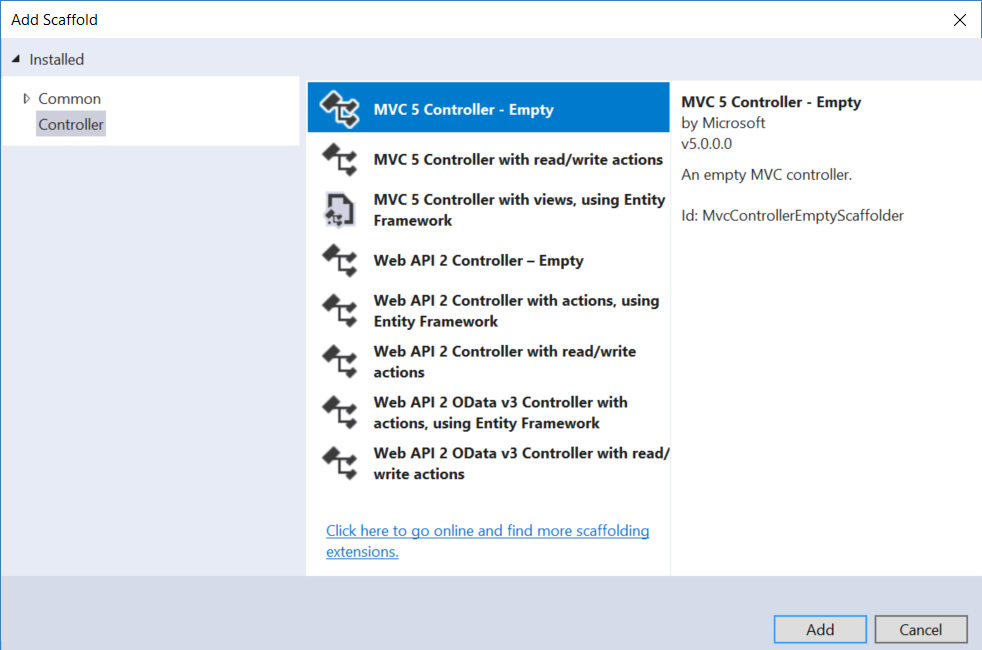
            return PartialView("\_GamerDetails", gamer);

        }

    }

}

2.3.3. Controllers/TeamController.cs



using System.Web.Mvc;

namespace OnlineGame.Web.Controllers

{

    public class TeamController : Controller

    {

        [HttpGet]

        public ActionResult Index()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index2()

        {

            return View();

        }

        [HttpGet]

        public ActionResult Index3()

        {

            return View();

        }

    }

}

2.4. Views/Home/Index.cshtml

Graphical user interface, text, application, email

Description automatically generated

It will automatically generate the "**Views/Shared/\_Layout.cshtml**" layout view.

It will also automatically add some js files into **Scripts** folder and css files into **Content** folder.

@\*@using OnlineGame.Web.CustomHtmlHelper\*@

@{

    ViewBag.Title = "Index";

    //Layout = "~/Views/Shared/\_Layout.cshtml";

    int sum1 = 0;

    int sum2 = 0;

    sum1 = 2 + 4 + 6 + 8 + 10;

    sum2 = 1 + 3 + 5 + 7 + 9;

    int day = 28;

    int month = 2;

    int year = 1988;

}

<h2>@ViewBag.Title</h2>

<div>

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

    @Html.ActionLink("Home Index2", "Index2", "Home")<br />

    @Html.ActionLink("Home Index3", "Index3", "Home")<br />

    @Html.ActionLink("Gamer Index", "Index", "Gamer")<br />

    @Html.ActionLink("Gamer Index2", "Index2", "Gamer")<br />

    @Html.ActionLink("Gamer Index3", "Index3", "Gamer")<br />

    @Html.ActionLink("Gamer Index4", "Index4", "Gamer")<br />

    @Html.ActionLink("Gamer Details", "Details", "Gamer")<br />

    @Html.ActionLink("Gamer Details2", "Details2", "Gamer")<br />

    @Html.ActionLink("Team Index", "Index", "Team")<br />

    @Html.ActionLink("Team Index2", "Index2", "Team")<br />

    @Html.ActionLink("Team Index3", "Index3", "Team")<br />

</div>

<br />

<hr />

<div>

    sum1 = @sum1

</div>

<div>

    sum2 = @sum2

</div>

<hr />

<div>

    Even Number

    @for (int i = 1; i <= 10; i++)

    {

        if (i % 2 == 0)

        {

            <text>@i</text>

        }

    }

</div>

<hr />

<div>

    Even Number part 2

    @for (int i = 1; i <= 10; i++)

    {

        if (i % 2 == 0)

        {

            @i

        }

    }

</div>

<hr />

<div>

    Date is @day-@month-@year

</div>

<hr />

<div>

    Email: AAAAA@@[BBBB.com](http://bbbb.com/)

</div>

<hr />

<div>

    @for (int i = 1; i <= 3; i++)

    {

        <img src="@Url.Content(string.Format("~/Photos/Name0{0}.png", i))" alt="@Html.Raw("Photo0"+i)" />

    }

</div>

<hr />

<div>

    @for (int i = 1; i <= 3; i++)

    {

        @Html.Image(string.Format("~/Photos/Name0{0}.png", i), string.Format("Photo0{0}", i))

    }

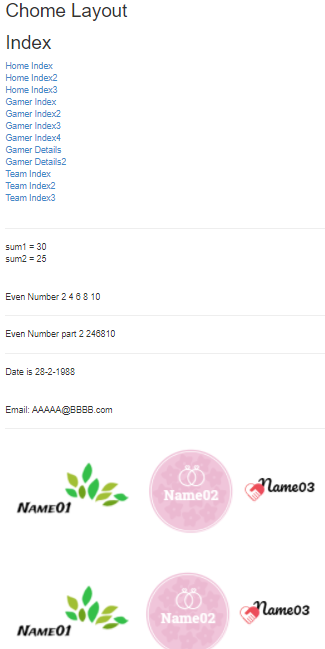
</div>

<hr />

Graphical user interface, application

Description automatically generated

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2.5. Layout view

2.5.1. Views/Shared/\_Layout.cshtml

<!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](http://asp.net/) Application</title>

    <link href="~/Content/Site.css" rel="stylesheet" type="text/css" />

    <link href="~/Content/bootstrap.min.css" rel="stylesheet" type="text/css" />

    <script src="~/Scripts/modernizr-2.6.2.js"></script>

</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>

                @Html.ActionLink("Application name", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })

            </div>

            <div class="navbar-collapse collapse">

                <ul class="nav navbar-nav">

                </ul>

            </div>

        </div>

    </div>

    <div class="container body-content">

        <h2>Layout</h2>

        @RenderBody()

        <hr />

        <footer>

            <p>&copy; @DateTime.Now.Year - My [ASP.NET](http://asp.net/) Application</p>

        </footer>

    </div>

    <script src="~/Scripts/jquery-1.10.2.min.js"></script>

    <script src="~/Scripts/bootstrap.min.js"></script>

</body>

</html>

2.5.2. Views/Shared/\_Layout2.cshtml

<!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](http://asp.net/) Application</title>

    <link href="~/Content/Site.css" rel="stylesheet" type="text/css" />

    <link href="~/Content/bootstrap.min.css" rel="stylesheet" type="text/css" />

    <script src="~/Scripts/modernizr-2.6.2.js"></script>

</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>

                @Html.ActionLink("Application name", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })

            </div>

            <div class="navbar-collapse collapse">

                <ul class="nav navbar-nav">

                </ul>

            </div>

        </div>

    </div>

    <div class="container body-content">

        <h2>Layout 2</h2>

        @RenderBody()

        <hr />

        <footer>

            <p>&copy; @DateTime.Now.Year - My [ASP.NET](http://asp.net/) Application</p>

        </footer>

    </div>

    <script src="~/Scripts/jquery-1.10.2.min.js"></script>

    <script src="~/Scripts/bootstrap.min.js"></script>

</body>

</html>

2.5.3. Views/Shared/\_Layout3.cshtml

<!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](http://asp.net/) Application</title>

    <link href="~/Content/Site.css" rel="stylesheet" type="text/css" />

    <link href="~/Content/bootstrap.min.css" rel="stylesheet" type="text/css" />

    <script src="~/Scripts/modernizr-2.6.2.js"></script>

</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>

                @Html.ActionLink("Application name", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })

            </div>

            <div class="navbar-collapse collapse">

                <ul class="nav navbar-nav">

                </ul>

            </div>

        </div>

    </div>

    <div class="container body-content">

        <h2>Layout 3</h2>

        @RenderBody()

        <hr />

        <footer>

            <p>&copy; @DateTime.Now.Year - My [ASP.NET](http://asp.net/) Application</p>

        </footer>

    </div>

    <script src="~/Scripts/jquery-1.10.2.min.js"></script>

    <script src="~/Scripts/bootstrap.min.js"></script>

</body>

</html>

2.5.4. Views/Shared/\_Layout4.cshtml

<!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](http://asp.net/) Application</title>

    <link href="~/Content/Site.css" rel="stylesheet" type="text/css" />

    <link href="~/Content/bootstrap.min.css" rel="stylesheet" type="text/css" />

    <script src="~/Scripts/modernizr-2.6.2.js"></script>

</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>

                @Html.ActionLink("Application name", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })

            </div>

            <div class="navbar-collapse collapse">

                <ul class="nav navbar-nav"></ul>

            </div>

        </div>

    </div>

    <div class="container body-content">

        <h2>Layout 4</h2>

        <div>

            @if (IsSectionDefined("Menu"))

            {

                @RenderSection("Menu", false)

            }

            else

            {

                @Html.ActionLink("Team Index", "Index", "Team")

            }

        </div>

        <div>

            @RenderSection("ExtraInfo", false)

        </div>

        @RenderBody()

        <hr />

        <footer>

            <p>&copy; @DateTime.Now.Year - My [ASP.NET](http://asp.net/) Application</p>

        </footer>

    </div>

    <script src="~/Scripts/jquery-1.10.2.min.js"></script>

    <script src="~/Scripts/bootstrap.min.js"></script>

</body>

</html>

@\*

1.

//@RenderSection("ExtraInfo", false)

The second parameter is required.

When required is false, then the section is optional.

It means the view which uses this layout may or may not have @section ExtraInfo

\*@

2.5.5. Views/Shared/\_ChomeLayout.cshtml

<!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](http://asp.net/) Application</title>

    <link href="~/Content/Site.css" rel="stylesheet" type="text/css" />

    <link href="~/Content/bootstrap.min.css" rel="stylesheet" type="text/css" />

    <script src="~/Scripts/modernizr-2.6.2.js"></script>

</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>

                @Html.ActionLink("Application name", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })

            </div>

            <div class="navbar-collapse collapse">

                <ul class="nav navbar-nav">

                </ul>

            </div>

        </div>

    </div>

    <div class="container body-content">

        <h2>Chome Layout</h2>

        @RenderBody()

        <hr />

        <footer>

            <p>&copy; @DateTime.Now.Year - My [ASP.NET](http://asp.net/) Application</p>

        </footer>

    </div>

    <script src="~/Scripts/jquery-1.10.2.min.js"></script>

    <script src="~/Scripts/bootstrap.min.js"></script>

</body>

</html>

2.6. ViewStart

2.6.1. Views/\_ViewStart.cshtml

@{

    //Layout = "~/Views/Shared/\_Layout.cshtml";

    Layout = Request.Browser.IsBrowser("Chrome") ?

        "~/Views/Shared/\_ChomeLayout.cshtml" :

        "~/Views/Shared/\_Layout.cshtml";

}

2.6.2. Views/Gamer/\_ViewStart.cshtml

@{

    Layout = "~/Views/Shared/\_Layout2.cshtml";

}

2.6.3. Views/Team/\_ViewStart.cshtml

@{

    Layout = "~/Views/Shared/\_Layout4.cshtml";

}

2.7. Views/Shared/\_GamerDetails.cshtml (Partial View)

Partial View name prefix is "**\_**".

E.g. **\_GamerDetails.cshtml**

Graphical user interface, text, application, email

Description automatically generated

@model OnlineGame.Web.Models.Gamer

<div>

    <h4>Gamer</h4>

    <hr />

    <dl class="dl-horizontal">

        <dt>

            @Html.DisplayNameFor(model => model.Name)

        </dt>

        <dd>

            @Html.DisplayFor(model => model.Name)

        </dd>

        <dt>

            @Html.DisplayNameFor(model => model.Gender)

        </dt>

        <dd>

            @Html.DisplayFor(model => model.Gender)

        </dd>

        <dt>

            @Html.DisplayNameFor(model => model.Score)

        </dt>

        <dd>

            @Html.DisplayFor(model => model.Score)

        </dd>

    </dl>

</div>

<p>

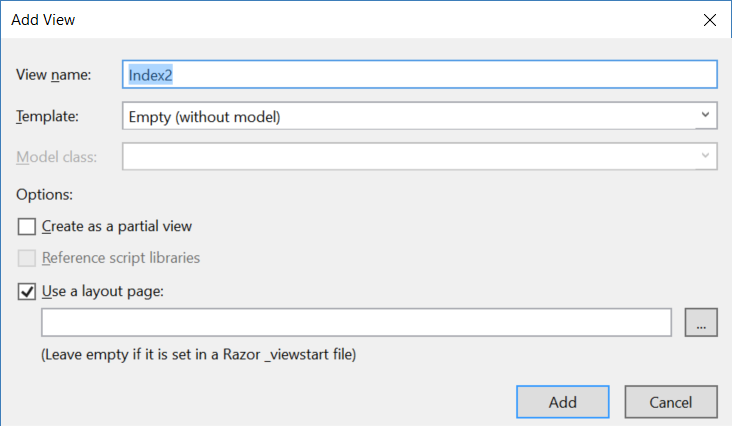
    @Html.ActionLink("Edit", "Edit", new { id = Model.Id }) |

    @Html.ActionLink("Back to List", "Index")

</p>

2.8. Views/Home

2.8.1. Views/Home/Index2.cshtml



@{

    ViewBag.Title = "Index2";

    Layout = "~/Views/Shared/\_Layout2.cshtml";

}

<h2>Index2</h2>

Text

Description automatically generated with medium confidence

2.8.2. Views/Home/Index3.cshtml

Graphical user interface, text, application, email

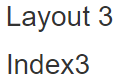
Description automatically generated

@{

    ViewBag.Title = "Index3";

}

<h2>Index3</h2>



2.9. Views/Gamer

2.9.1. Views/Gamer/Index.cshtml

Graphical user interface, text, application, email

Description automatically generated

@{

    ViewBag.Title = "Index";

}

<h2>Index</h2>

Text

Description automatically generated

2.9.2. Views/Gamer/Index2.cshtml

Graphical user interface, text, application, email

Description automatically generated

@{

    ViewBag.Title = "Index2";

    Layout = "";

}

<h2>Index2</h2>



2.9.3. Views/Gamer/Index3.cshtml

Graphical user interface, text, application, email

Description automatically generated

@{

    ViewBag.Title = "Index3";

    Layout = "~/Views/Shared/\_Layout3.cshtml";

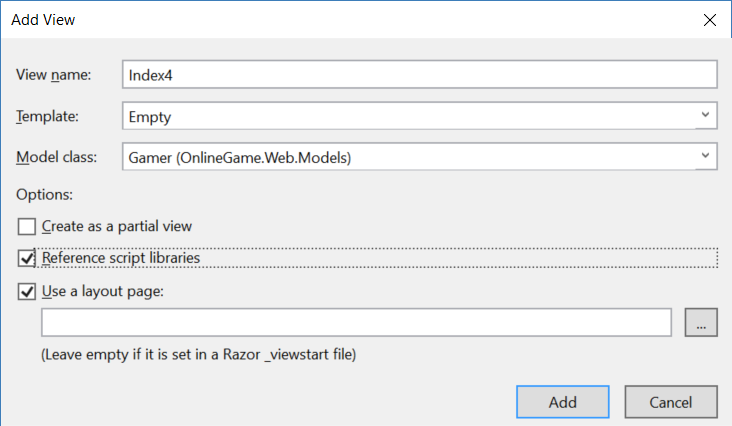
}

<h2>Index3</h2>

Text

Description automatically generated

2.9.4. Views/Gamer/Index4.cshtml



@using OnlineGame.Web.Models

@model Gamer

@{

    ViewBag.Title = "Index4";

}

<h2>Index4</h2>

<h3>Html.Partial("\_GamerDetails", Model)</h3>

@Html.Partial("\_GamerDetails", Model)

<h3>{Html.RenderPartial("\_GamerDetails", Model);}</h3>

@{

    Html.RenderPartial("\_GamerDetails", Model);

}

@\*

1.

//@Html.Partial("\_Gamer", modelObj)  V.S. {  @Html.RenderPartial("\_Gamer", modelObj); }

1.1.

Using Partial() only if you need to assign the output to a variable.

RenderPartial() writes ouput to output stream which provides better performance.

1.2.

//@Html.Partial("\_Gamer", modelObj)

Partial return MvcHtmkString.

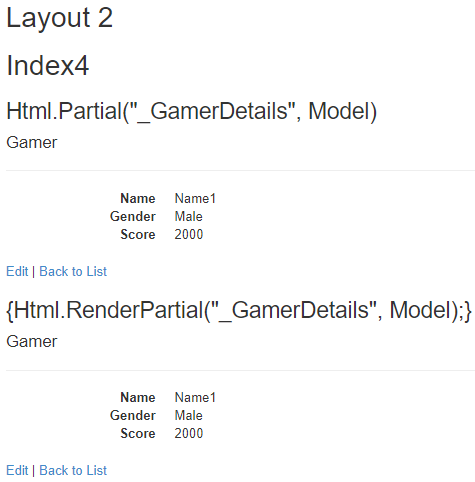
1.3.

//{  @Html.RenderPartial("\_Gamer", modelObj); }

RenderPartial is a void method and writes ouput to output stream,

so you need { ... }

\*@



2.9.5. Views/Gamer/Details.cshtml

[http://localhost:64525/Gamer/Details](http://localhost:64525/Gamer/Details2)

Graphical user interface, text, application

Description automatically generated

------------------------------------------------

Graphical user interface, text, application

Description automatically generated

2.9.6. Views/Gamer/Details2.cshtml

<http://localhost:64525/Gamer/Details2>

Text

Description automatically generated

2.10. Views/Team

2.10.1. Views/Team/Index.cshtml

Graphical user interface, text, application, email

Description automatically generated

@{

    ViewBag.Title = "Index";

}

<h2>Index</h2>

Graphical user interface, text

Description automatically generated with medium confidence

2.10.2. Views/Team/Index2.cshtml

Graphical user interface, text, application, email

Description automatically generated

@{

    ViewBag.Title = "Index2";

}

<h2>Index2</h2>

Text

Description automatically generated

2.10.3. Views/Team/Index3.cshtml

Graphical user interface, text, application, email

Description automatically generated

@{

    ViewBag.Title = "Index3";

}

@section Menu

{

    @Html.ActionLink("Team Index", "Index") <br />

    @Html.ActionLink("Team Index2", "Index2") <br />

    @Html.ActionLink("Team Index2", "Index3")

}

@section ExtraInfo

{

    Extra Info<br />

}

<h2>Index3</h2>

