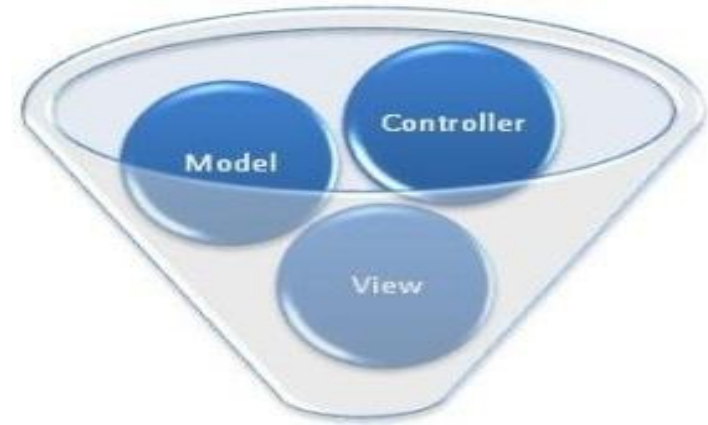


Microsoft
ASP.net MVC 5



WEBSITE
ORGANIZATION

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☐ Layout

- ☒ ~~@RenderBody()~~
- ☒ ~~@RenderSection()~~
- ☒ ~~@ViewBag.Property~~

☐ Bundles

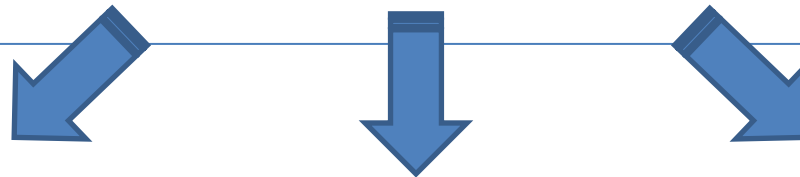
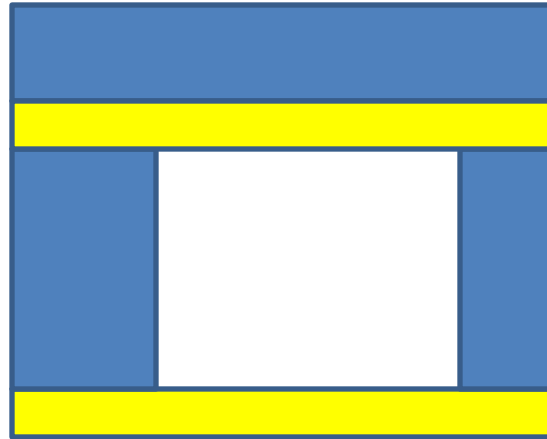
☐ PartialView

- ☒ ~~@Html.Action()~~
- ☒ ~~@Html.Partial()~~

☐ I18N - Quốc tế hóa

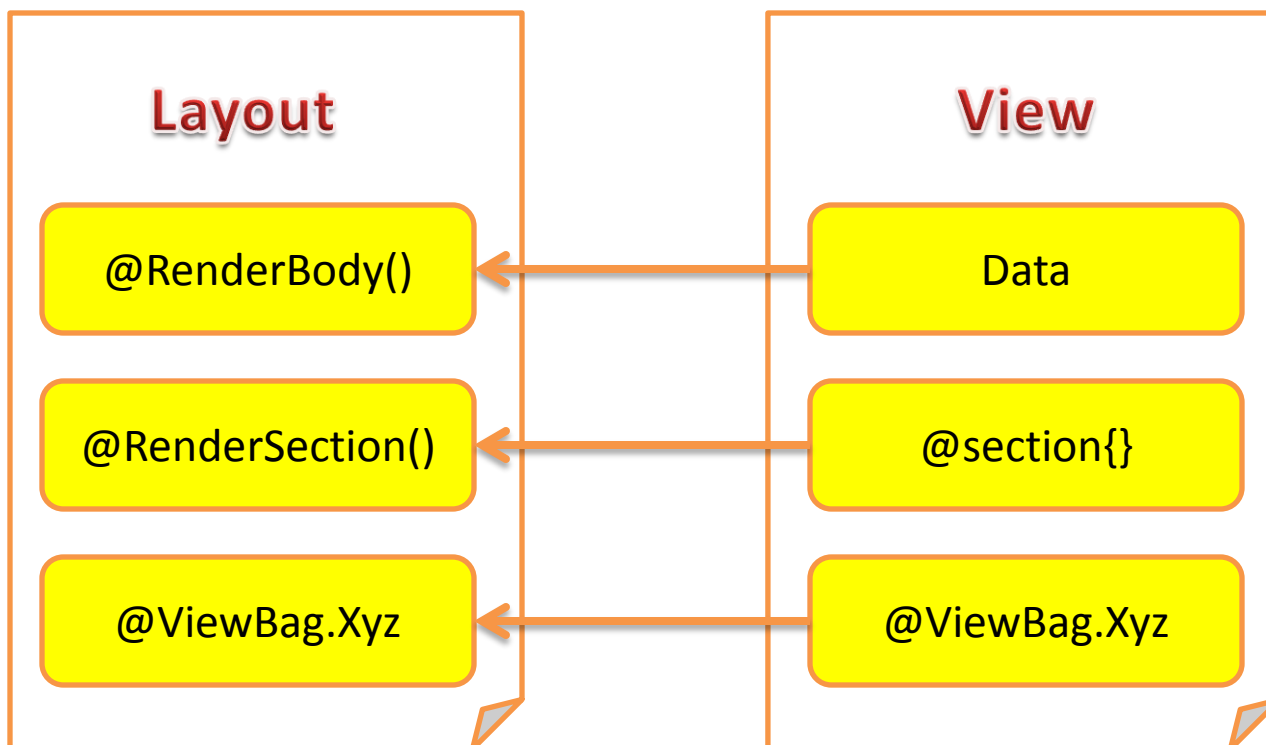
☐ Areas - Phân vùng ứng dụng

**Layout
Views**



□ Layout chứa

- ✍ **Một và chỉ một** `@RenderBody()` để giữ chỗ cho nội dung trong view
- ✍ **Không hoặc nhiều** `@RenderSection()` để giữ chỗ cho các phần được đánh dấu `@section` trong view



@RenderBody()

Layout (_layout.cshtml)

```
<html>  
<head>  
...
```

@RenderBody()

```
</body>  
</html>
```

View (Index.cshtml)

```
<p>  
Info from Index view  
</p>
```



@RenderSection()

Layout (_layout.cshtml)

```
<html>
<head></head>
<body>
```

```
@RenderSection("fred")
```

```
@RenderSection("bob")
```

```
</body>
</html>
```

View (Index.cshtml)

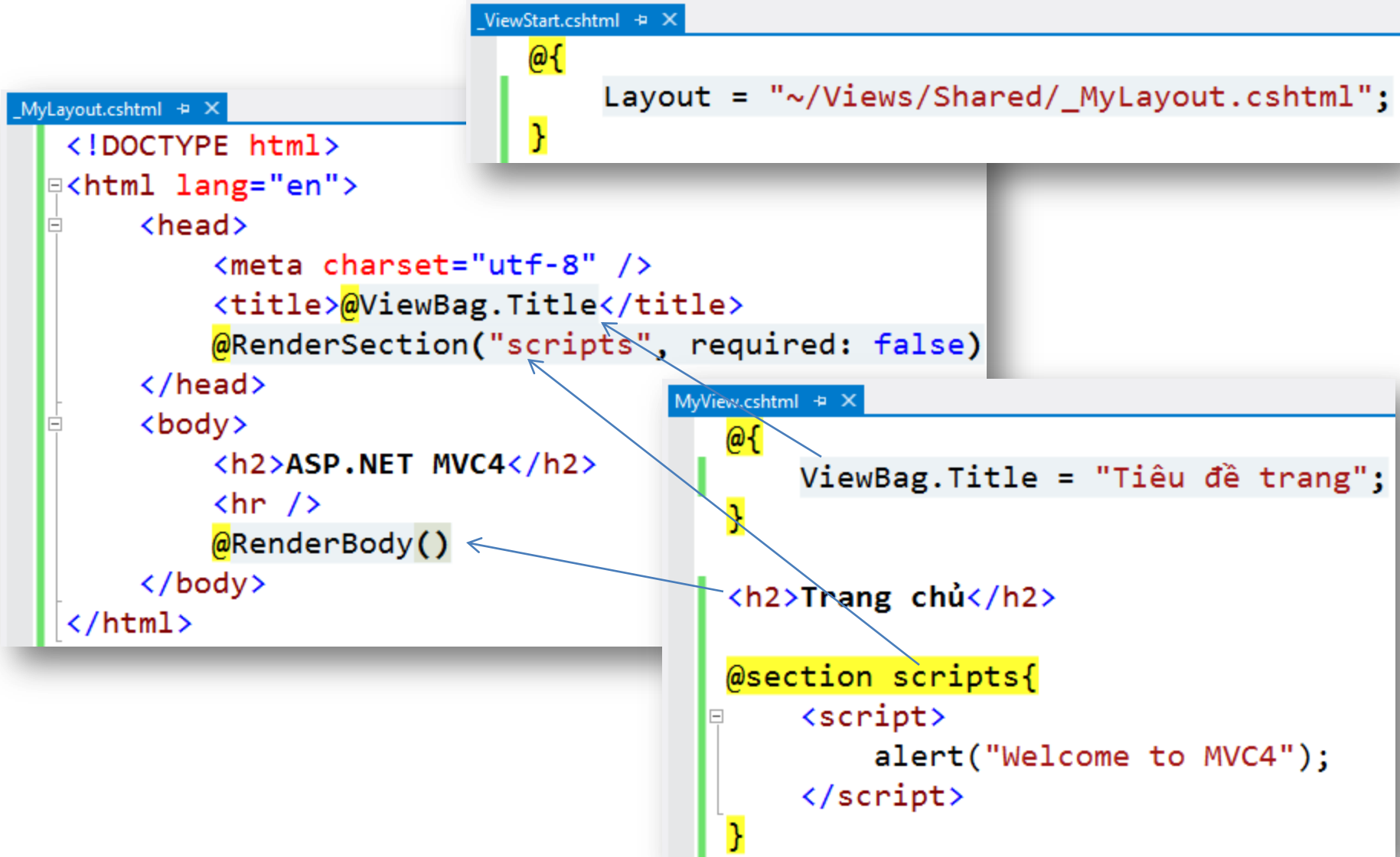
@section fred

```
{
  <p>I am Fred</p>
}
```

@section bob

```
{
  <p>I am Bob</p>
}
```





The diagram illustrates the layout inheritance in ASP.NET MVC 5. It shows three files: `_MyLayout.cshtml`, `_ViewStart.cshtml`, and `MyView.cshtml`.

_MyLayout.cshtml (Base Layout):

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>@ViewBag.Title</title>
    @RenderSection("scripts", required: false)
  </head>
  <body>
    <h2>ASP.NET MVC4</h2>
    <hr />
    @RenderBody()
  </body>
</html>
```

_ViewStart.cshtml (View Start):

```
@{
    Layout = "~/Views/Shared/_MyLayout.cshtml";
}
```

MyView.cshtml (View):

```
@{
    ViewBag.Title = "Tiêu đề trang";
}

<h2>Trang chủ</h2>

@section scripts{
    <script>
        alert("Welcome to MVC4");
    </script>
}
```

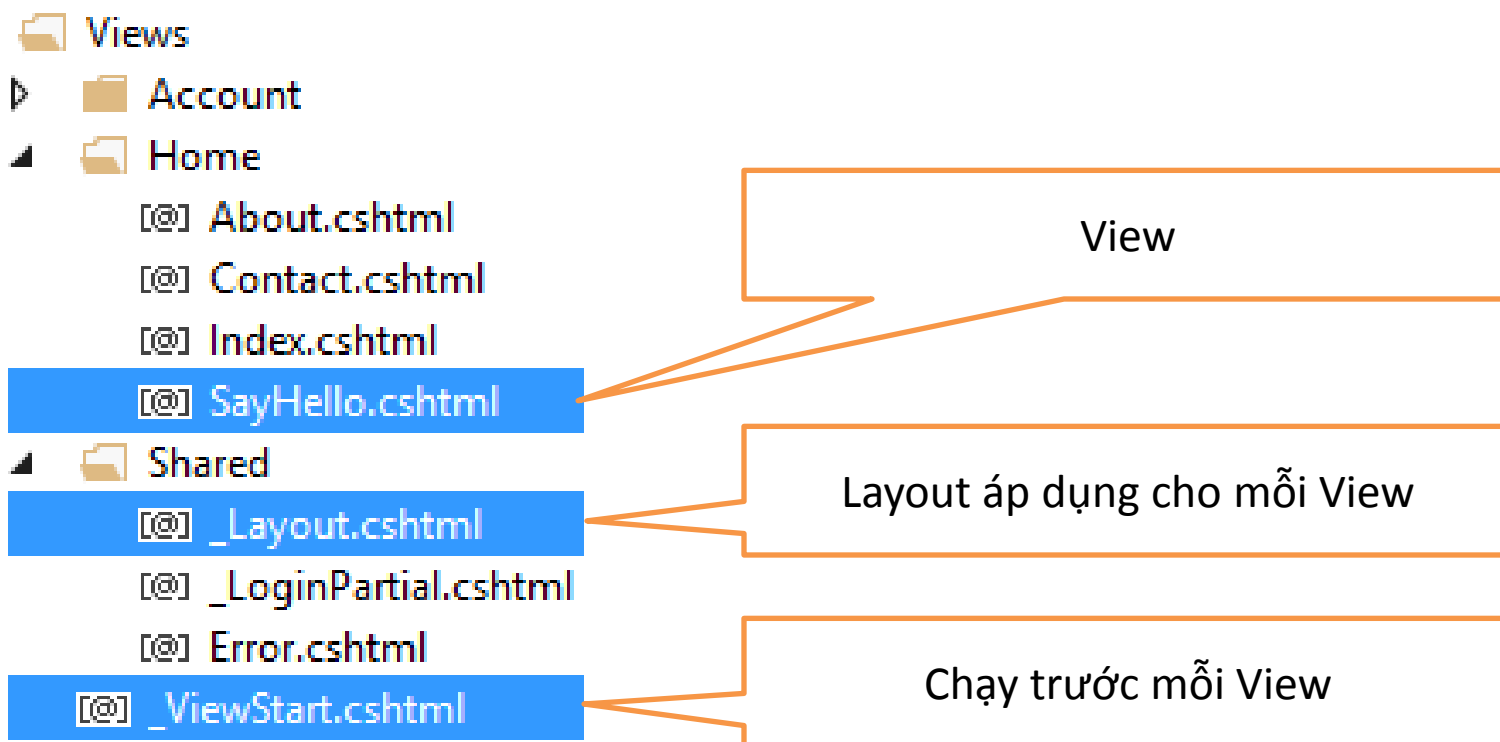
Arrows indicate the following relationships:

- `_ViewStart.cshtml` points to `_MyLayout.cshtml` (the `Layout` property).
- `MyView.cshtml` inherits from `_MyLayout.cshtml` (the `@RenderBody()` call).
- `MyView.cshtml` overrides the `@section scripts` block in `_MyLayout.cshtml`.

□ `_ViewStart.cshtml` chọn layout cho các view

✎ `Layout = "~/Views/Shared/_Layout.cshtml"`

□ View có thể chọn layout khác với mã tương tự



BundleConfig.cs

```
bundles.Add(new ScriptBundle("~/bundles/jquery").Include(
    "~/Scripts/jquery-{version}.js"));

bundles.Add(new ScriptBundle("~/bundles/jqueryval").Include(
    "~/Scripts/jquery.validate*"));

bundles.Add(new ScriptBundle("~/bundles/modernizr").Include(
    "~/Scripts/modernizr-*"));

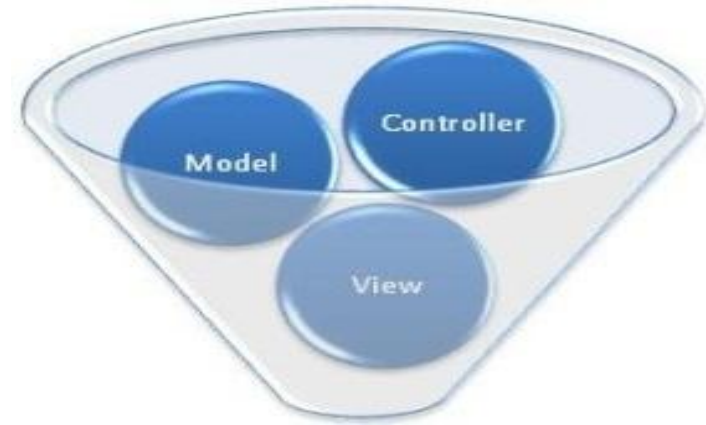
bundles.Add(new ScriptBundle("~/bundles/bootstrap").Include(
    "~/Scripts/bootstrap.js",
    "~/Scripts/respond.js"));

bundles.Add(new StyleBundle("~/Content/css").Include(
    "~/Content/bootstrap.css",
    "~/Content/site.css));
```

Layout/view

```
@Styles.Render("~/Content/css")
@Scripts.Render("~/bundles/modernizr")
```

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PARTIAL VIEW

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NHÓM THEO NHÀ CUNG CẤP

<< < 1 > >>

Aniseed Syrup



\$10.0



Grandma's Boysenberry Spread



Các module giao diện (PartialView)

Sir Rodney's Scones



\$10.0



Gumbar Gummibarchen



\$31.23



\$12.5



Flo Mix



\$7.0



<< < 1 > >>

Hàng hóa đã xem



- ☐ 1 mặt hàng
- ☐ 5.0 VNĐ
- ☐ Xem giỏ hàng

Master
NHẤT NGHỆ



TÌM KIẾM

Tim kiem



HÀNG BÁN CHẠY



CHUNG LOẠI

- + Đồng hồ đeo tay
- + Máy tính xách tay
- + Máy ảnh
- + Điện thoại
- + Nước hoa
- + Nữ trang
- + Nón thời trang
- + Túi xách du lịch
- + Xe mô tô
- + Quạt cây

❑ @Html.Action()


- ✗ Nhúng một Action
- ✗ Action này phải trả về PartialView để *loại bỏ Layout*
- ✗ Action này có thể đánh dấu [ChildActionOnly] để *không cho truy xuất trực tiếp*

❑ Sử dụng @Html.Partial()

- ✗ Nhúng một View *không bao gồm layout*

_Layout.cshtml

❑ @Html.Partial("_LoginPartial")



```
_LoginPartial.cshtml  + X
@if (Request.IsAuthenticated) {
    <text>
        Hello, @Html.ActionLink(User.Identity.Name,
        @using (Html.BeginForm("LogOff", "Account",
        @Html.AntiForgeryToken()
        <a href="javascript:document.getElementB
    }
    </text>
} else {
    <ul>
        <li>@Html.ActionLink("Register", "Register",
        <li>@Html.ActionLink("Log in", "Login", "Acc
    </ul>
}
```



```
<!--vmenu::chủng loại-->  
@Html.Action("Category","Layout")  
<!--/vmenu::chủng loại-->
```

LayoutController.cs ➤ ✕

eStoreMVC4246.Controllers.LayoutController

db

```
[ChildActionOnly]  
public ActionResult Category()  
{  
    return PartialView("_Category", db.Categories);  
}
```

_Category.cshtml ➤ ✕

```
@model IEnumerable<Category>
```

```
<ul class="art-vmenu">  
    @foreach(var p in Model){  
        <li>  
            <a href="/Product/Search?CategoryId=@p.Id">  
                @p.Name</a>  
        </li>  
    }  
</ul>
```


About - My ASP.NET Appl x

localhost:49364/Home/About

Application name Home About Contact Register Log in


About.

Your application description page.

Use this area to provide additional information.

`@Html.Partial("_CartInfo")`

`@Html.Action("Category")`

 100 items
\$ 56.8

Categories

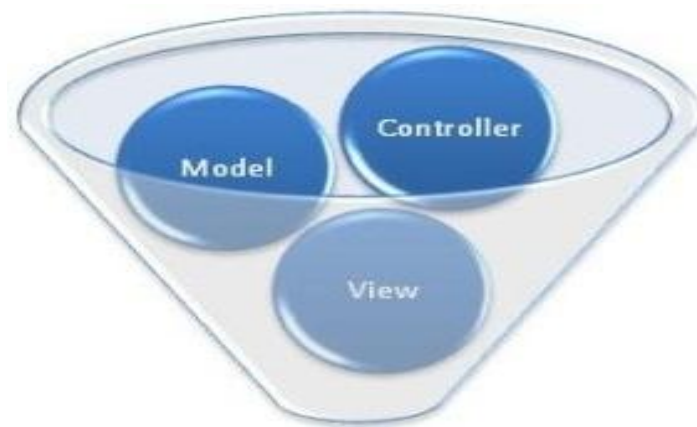
- Mobiles
- Laptops
- TVs
- Fans
- Others

```
<div class="container body-content">
    <article class="col-md-9">@RenderBody()</article>
    <aside class="col-md-3">
        <br />
        @Html.Partial("_CartInfo")
        @Html.Action("Category", "Home")
    </aside>

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

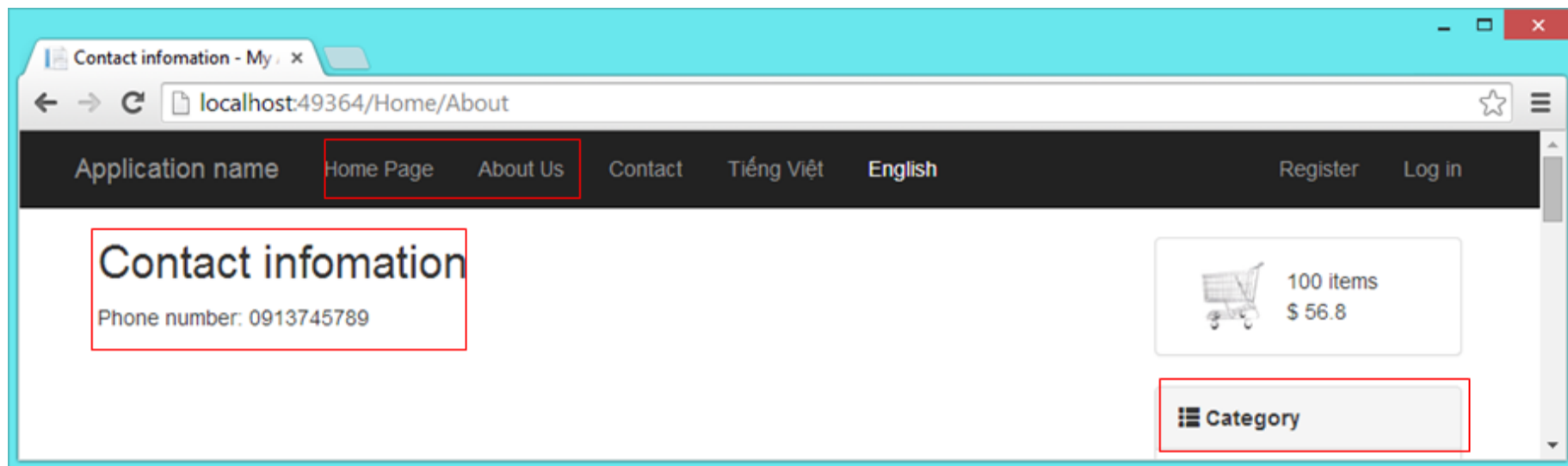
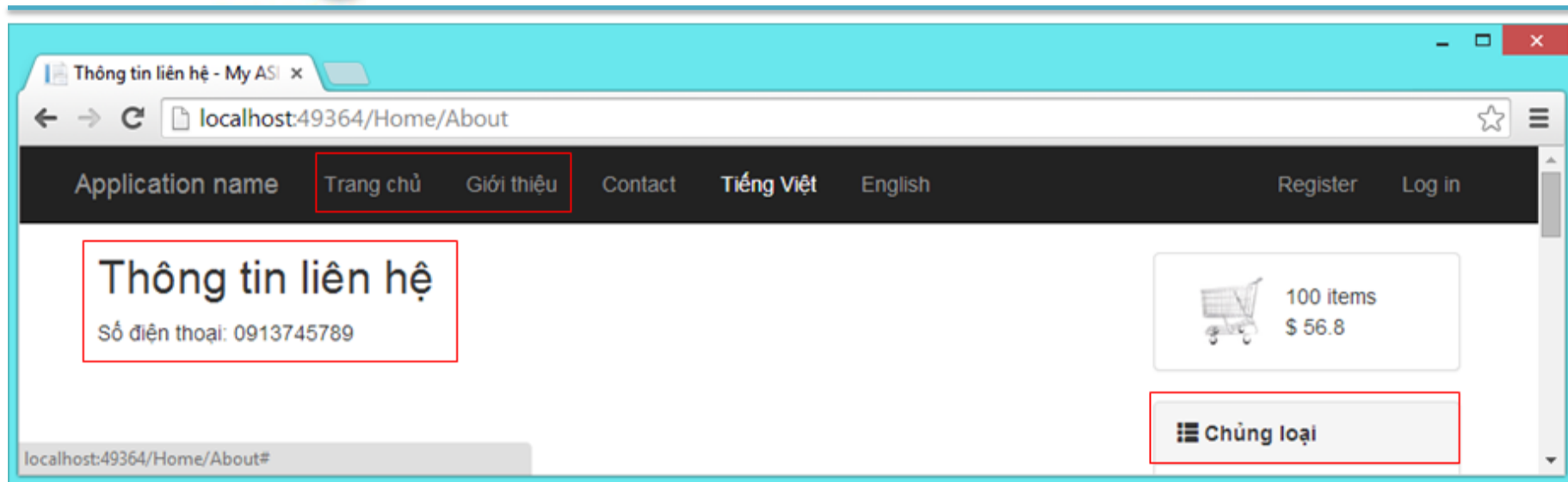
@Scripts.Render("~/bundles/jquery")
@Scripts.Render("~/bundles/bootstrap")
@RenderSection("scripts", required: false)
```

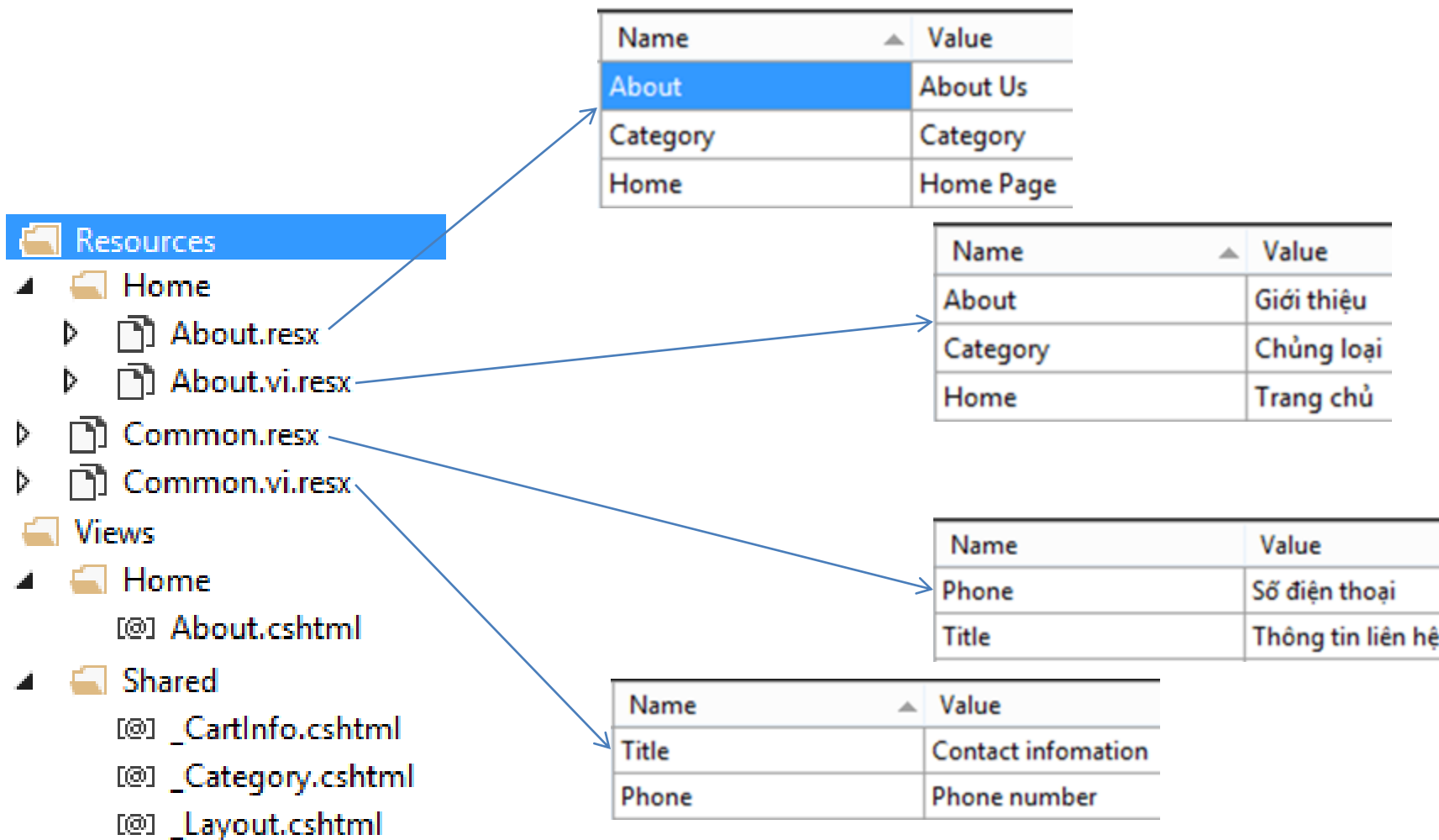
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I18N
IT 814

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```
@using Mvc5Auth.Resources
```

```
...  
<ul class="nav navbar-nav">  
    <li>@Html.ActionLink(Common.Home, "Index", "Home")</li>  
    <li>@Html.ActionLink(Common.About, "About", "Home")</li>  
</ul>  
...
```

```
@using Mvc5Auth.Resources.Home  
@{  
    ViewBag.Title = About.Title;  
}  
<h2>@About.Title</h2>  
@About.Phone: 0913745789
```



```
<li><a href="#" data-lang="vi">Tiếng Việt</a></li>
<li><a href="#" data-lang="en">English</a></li>

<script>
    $(function () {
        $("a[data-lang]").click(function () {
            var expiry = new Date();
            expiry.setDate(expiry.getDate() + 30);
            document.cookie = "lang=" + $(this).attr("data-lang")
                + "; expires=" + expiry.toGMTString() + "; path=/";
            location.reload();
            return false;
        });
    })
</script>
```

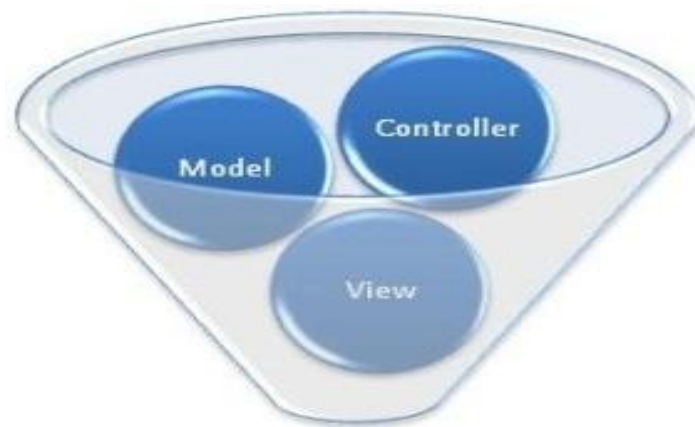
```
protected void Application_BeginRequest()
{
    var lang = "vi";

    // Có ngôn ngữ trong cookie ?
    if(Request.Cookies["lang"] != null)
    {
        lang = Request.Cookies["lang"].Value;
    }

    var culture = new CultureInfo(lang);

    Thread.CurrentThread.CurrentCulture = culture;
    Thread.CurrentThread.CurrentUICulture = culture;
}
```

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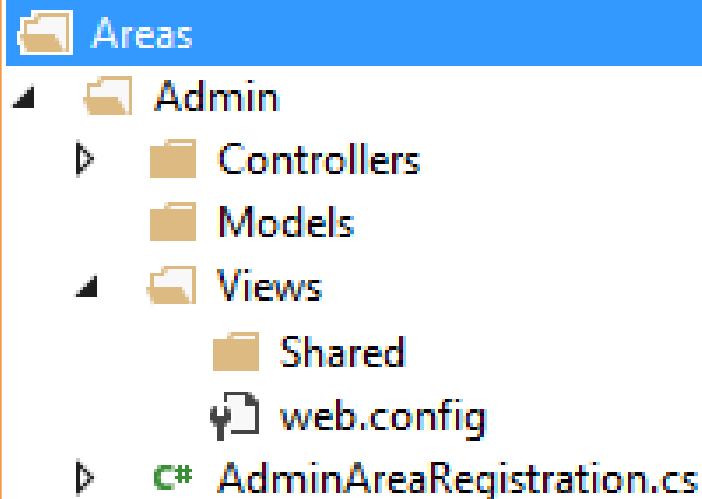


AREAS

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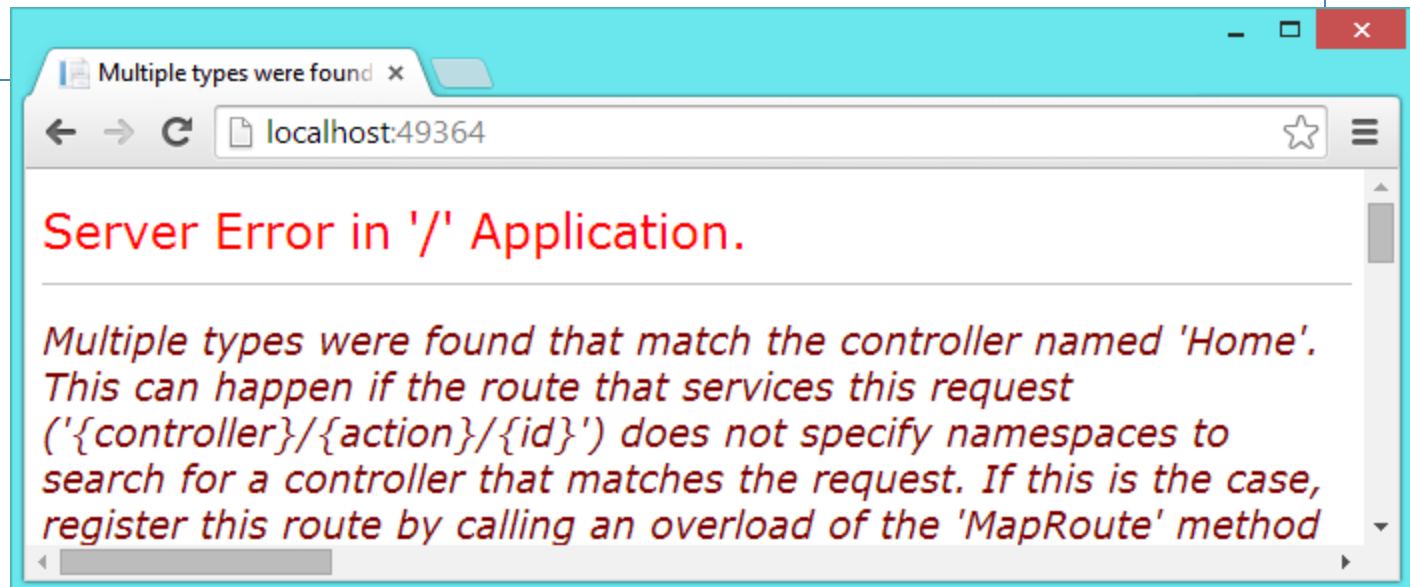
```
public class AdminAreaRegistration : AreaRegistration
{
    public override string AreaName
    {
        get
        {
            return "Admin";
        }
    }

    public override void RegisterArea(AreaRegistrationContext context)
    {
        context.MapRoute(
            "Admin_default",
            "Admin/{controller}/{action}/{id}",
            new { controller="Home", action = "Index", id = UrlParameter.Optional }
        );
    }
}
```



```
public class RouteConfig
{
    public static void RegisterRoutes(RouteCollection routes)
    {
        routes.IgnoreRoute("{resource}.axd/{*pathInfo}");

        routes.MapRoute(
            name: "Default",
            url: "{controller}/{action}/{id}",
            defaults: new { controller="Home", action="Index", id=UrlParameter.Optional },
            namespaces: new string[] { "Mvc5Auth.Controllers" }
        );
    }
}
```



- ☐ Xây dựng Layout
- ☐ Phân vùng