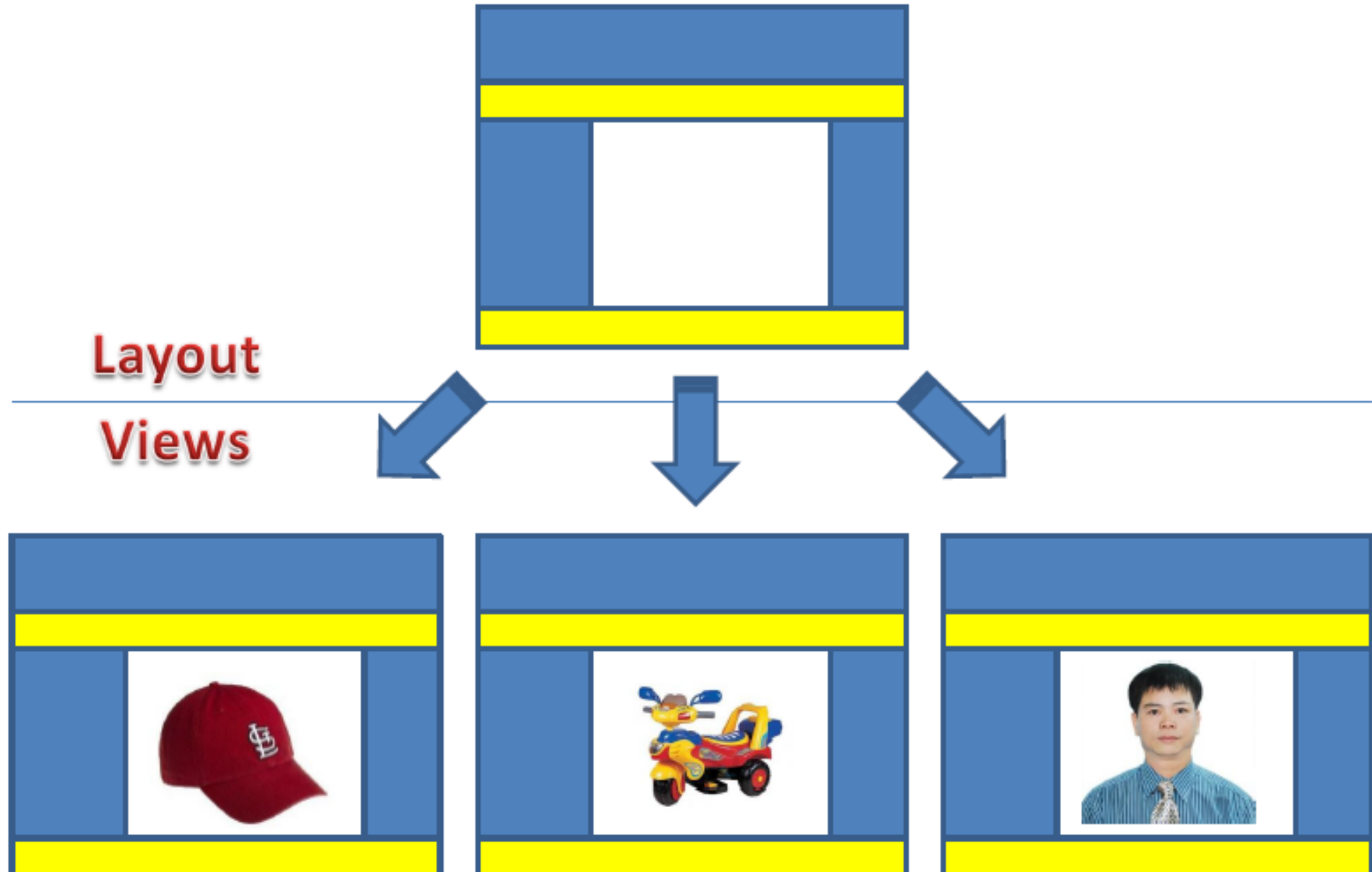


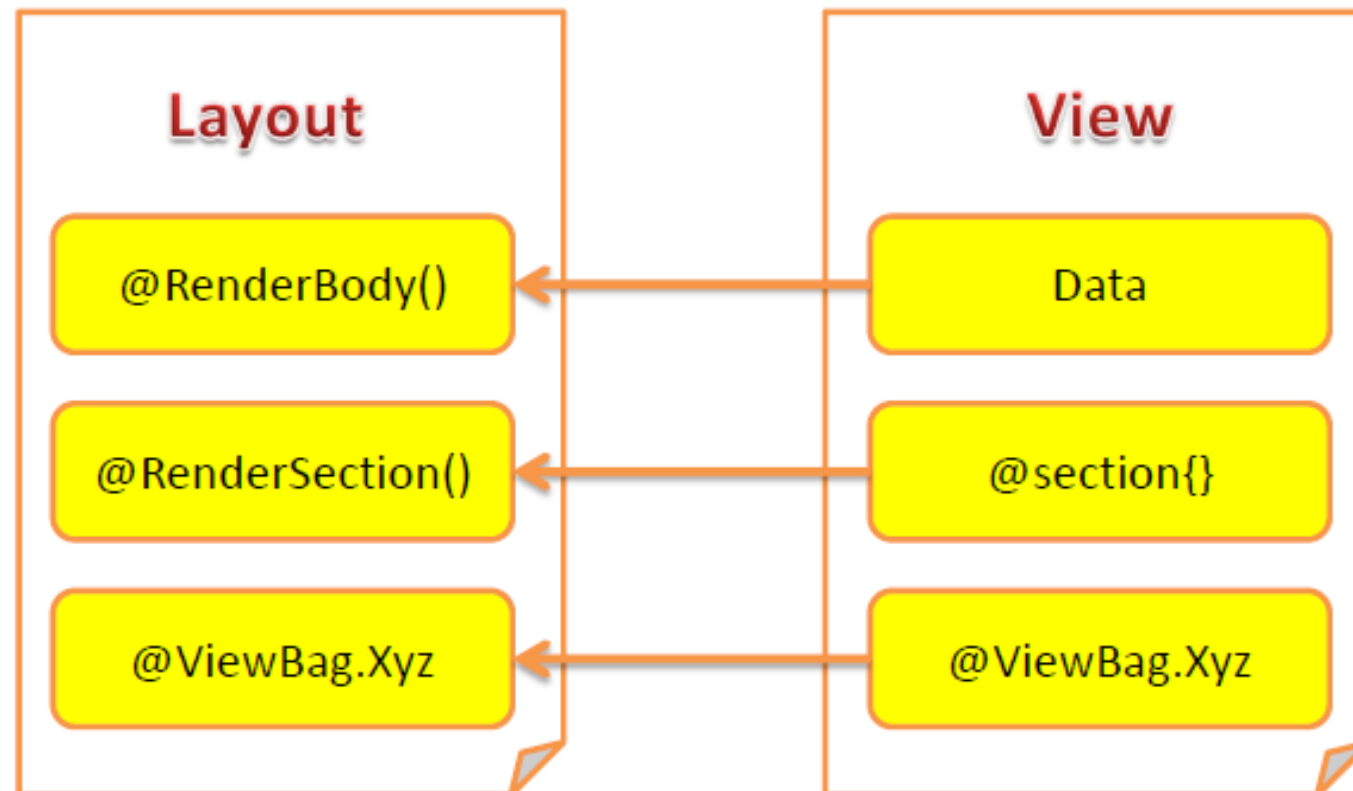
# Layout

- ◆ Layout
  - ◆ @RenderBody()
  - ◆ @RenderSection()
  - ◆ @ViewBag.Property
- ◆ Bundles
- ◆ PartialView
  - ◆ @Html.Action()
  - ◆ @Html.Partial()
- ◆ I18N - Quốc tế hóa
- ◆ Areas –Phân vùng ứng dụng



## ◆ 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 @



## @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

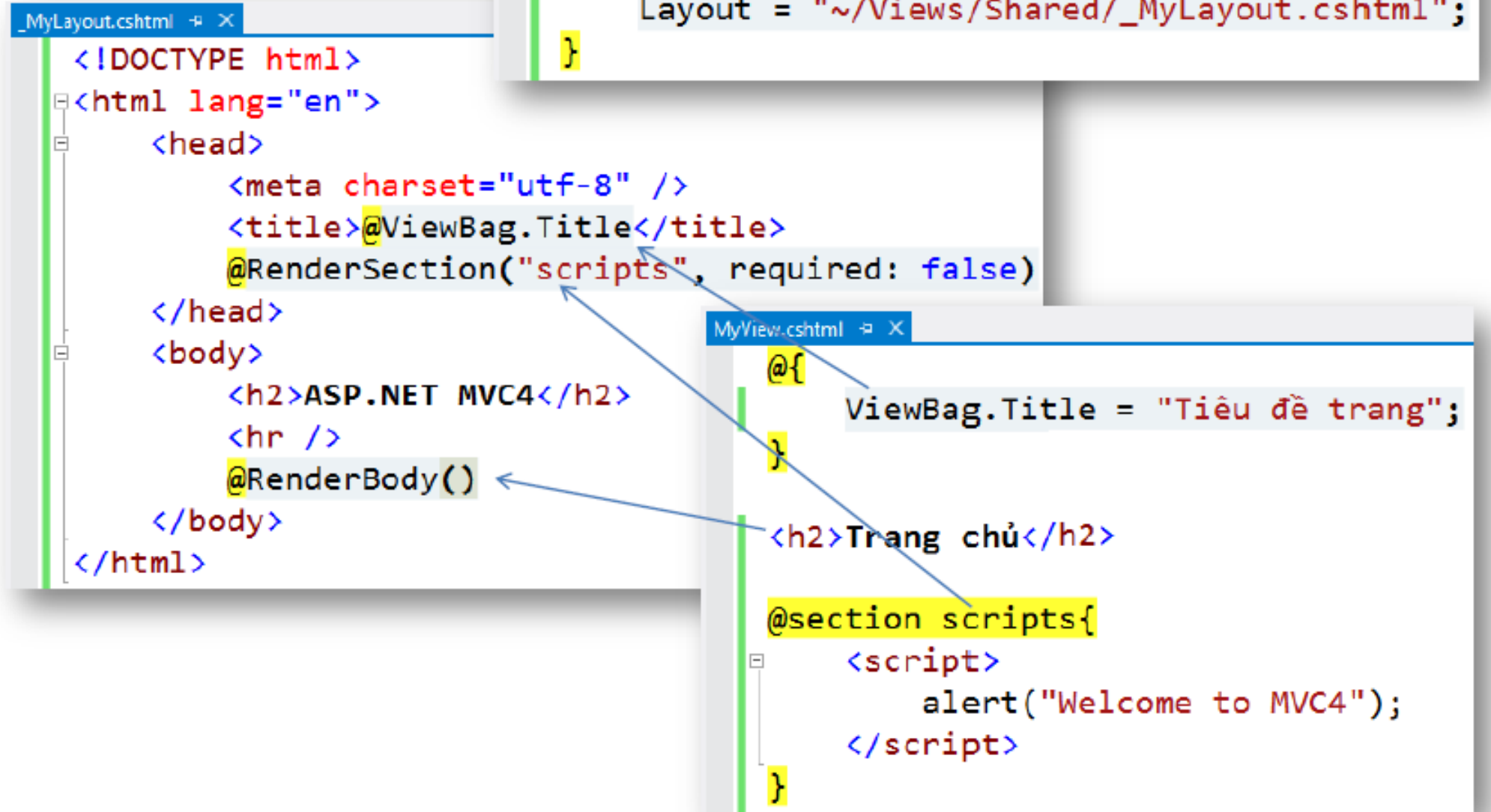
```
{  
<p>I am Fred</p>  
}
```

#### @section bob

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

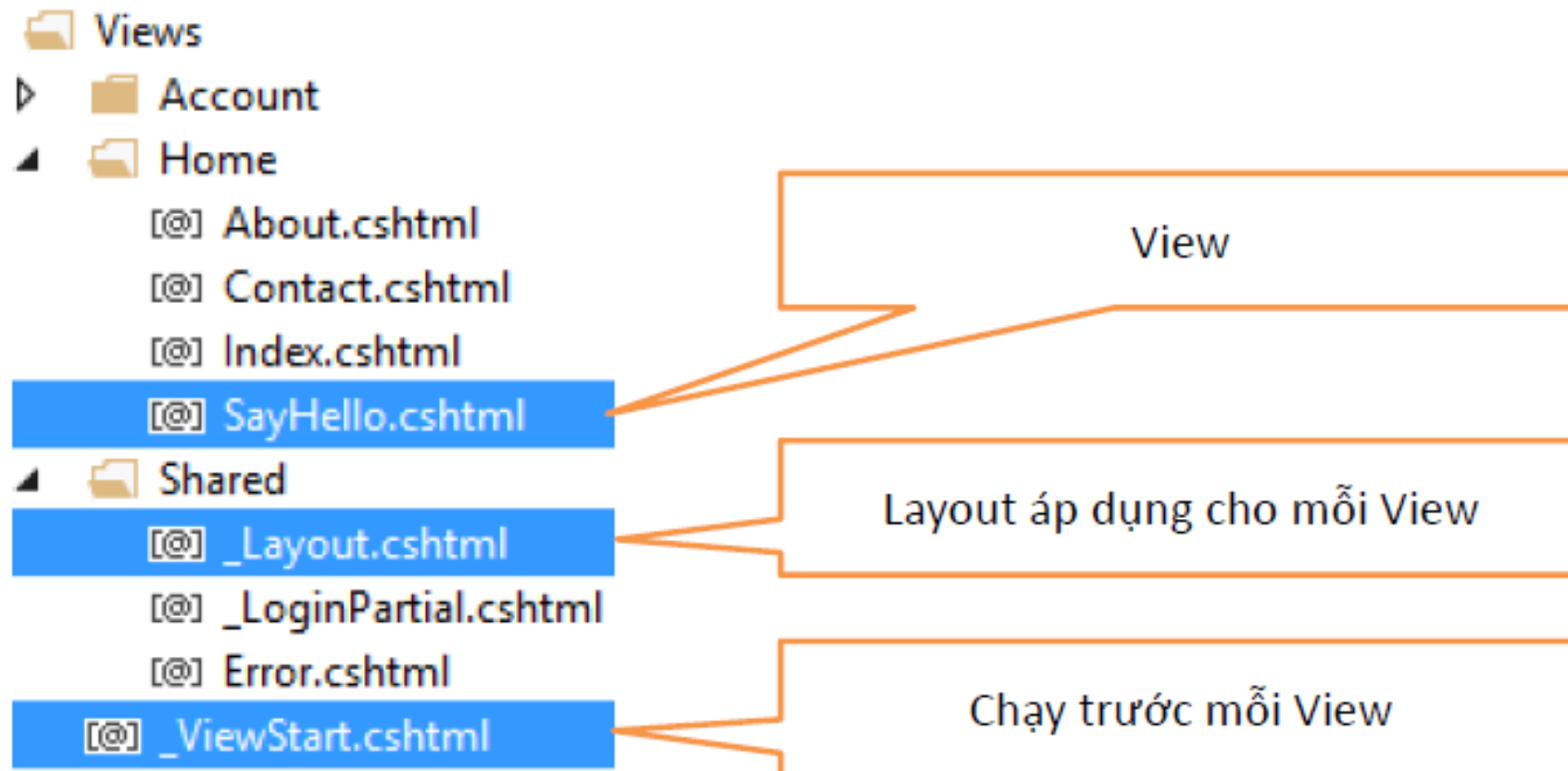


# Áp dụng Layout



# Database model

- ◆ `_ViewStart.cshtml` chọn layout cho các view
  - ◆ `Layout= "~/Views/Shared/_Layout.cshtml"`
- ◆ View có thể chọn layout khác với mã tương tự





# Gói tài nguyên Bundle

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")
```

# Partial View

**NHÓM THEO NHÀ CUNG CẤP**

<< < 1 > >>

Aniseed Syrup

Grandma's Boysenberry Spread

Sir Rodney's Scones

Gumbar Gummibarchen

Flo Mix

Hàng hóa đã xem

**Các module giao diện (PartialView)**

☐ 1 mặt hàng  
☐ 5.0 VNĐ  
[Xem giỏ hàng](#)

**TÌM KIẾM**

Tim kiem

**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

**HÀNG BÁN CHẠY**

The screenshot displays a web application interface for an e-commerce site. At the top, there's a navigation bar with the text 'NHÓM THEO NHÀ CUNG CẤP' and a set of pagination controls. Below this, a grid of product cards is shown, each featuring an image, a title, and a price. A yellow box labeled 'Các module giao diện (PartialView)' is overlaid on the grid, with arrows pointing to various UI elements. These elements include a shopping cart icon with associated text and links, a search bar with a magnifying glass icon, a category list with expandable items, and a 'Hàng bán chạy' (Best Sellers) section with product images. The bottom of the page features a horizontal scroll bar with small product icons and a footer area.


# Sử dụng PartialView Helper

- ◆ @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

# Sử dụng PartialView Helper

**\_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>
}
```

# Sử dụng @Html.Action()

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

```
LayoutController.cs  X  
eStoreMVC4245.Controllers.LayoutController  db  
[ChildActionOnly]  
public ActionResult Category()  
{  
    return PartialView("_Category", db.Categories);  
}
```

```
_Category.cshtml  X  
@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>
```

# Thực hành

The screenshot shows a web browser window with the title "About - My ASP.NET Appl" and the address bar displaying "localhost:49364/Home/About". The page features a dark navigation bar with links for "Application name", "Home", "About", "Contact", "Register", and "Log in". The main content area has the heading "About." followed by the text "Your application description page." and a subtext "Use this area to provide additional information.".

Two yellow callout boxes with black text provide annotations for the code used in the page:

- The first callout, labeled `@Html.Partial("_CartInfo")`, points to a cart widget in the top right corner. The widget displays a shopping cart icon, "100 items", and "\$ 56.8".
- The second callout, labeled `@Html.Action("Category")`, points to a "Categories" sidebar on the right. The sidebar lists the following categories: "Mobiles", "Laptops", "TVs", "Fans", and "Others".

# Cấu trúc mã

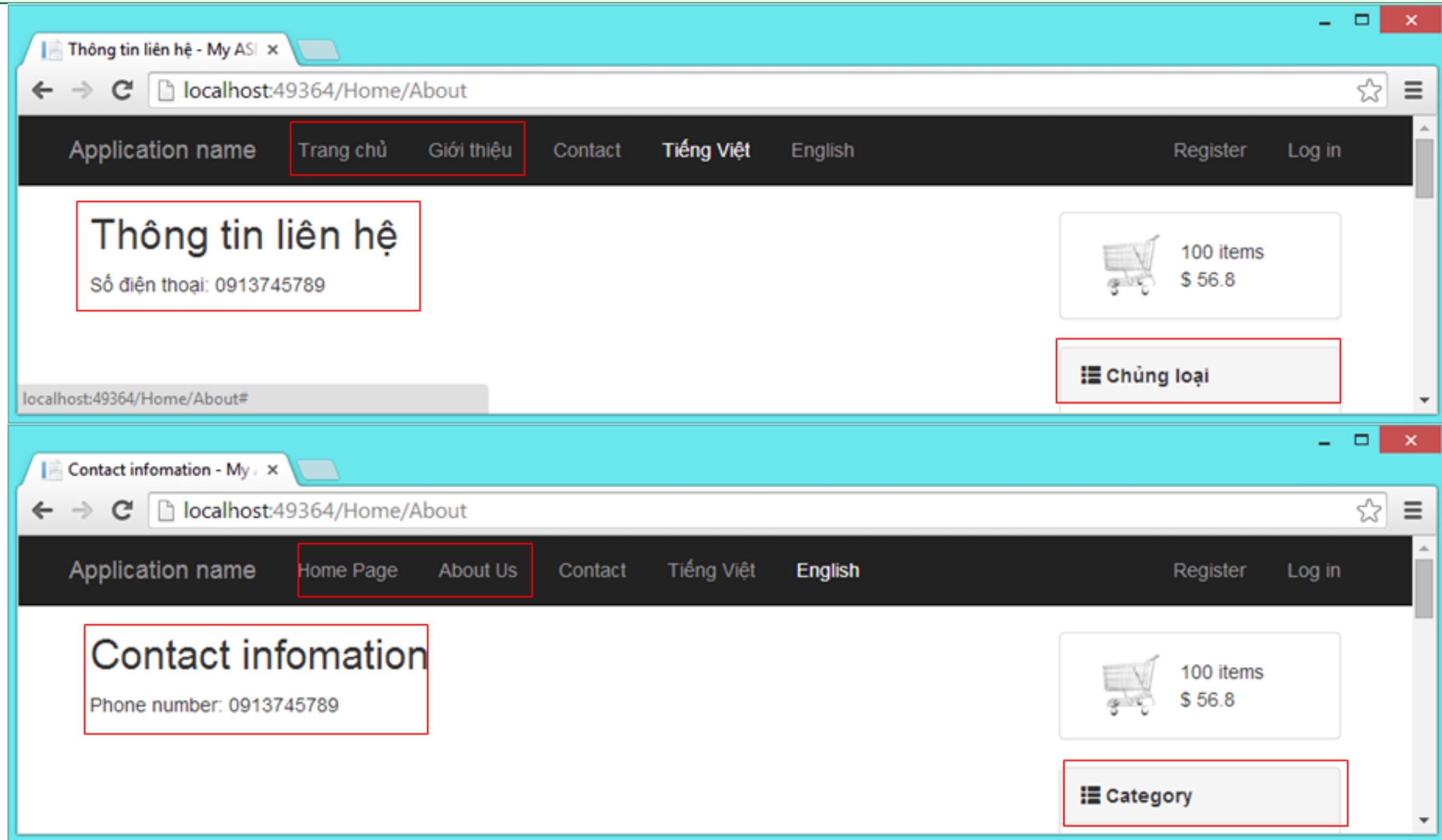
```
<div class="container body-content">  
    <article class="col-md-9">@RenderBody()</article>  
    <aside class="col-md-3">  
        <br />  
        @Html.Partial("_CartInfo")  
        @Html.Action("Category", "Home")  
    </aside>
```

```
    <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)
```

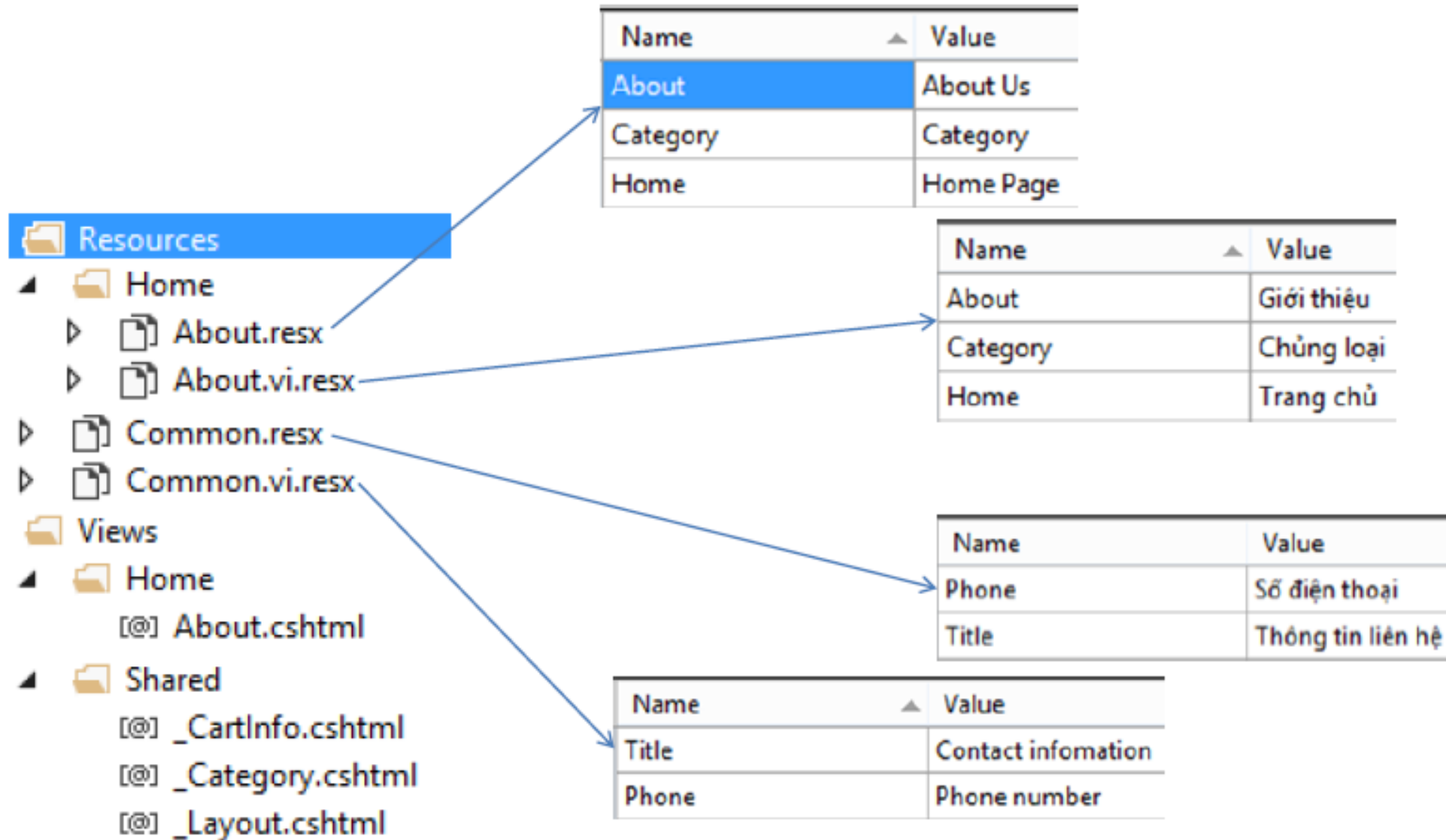


# Quốc tế hóa – Đa ngôn ngữ





# Tổ chức tài nguyên



```
@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
```

# Chọn ngôn ngữ

```
<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;
    }

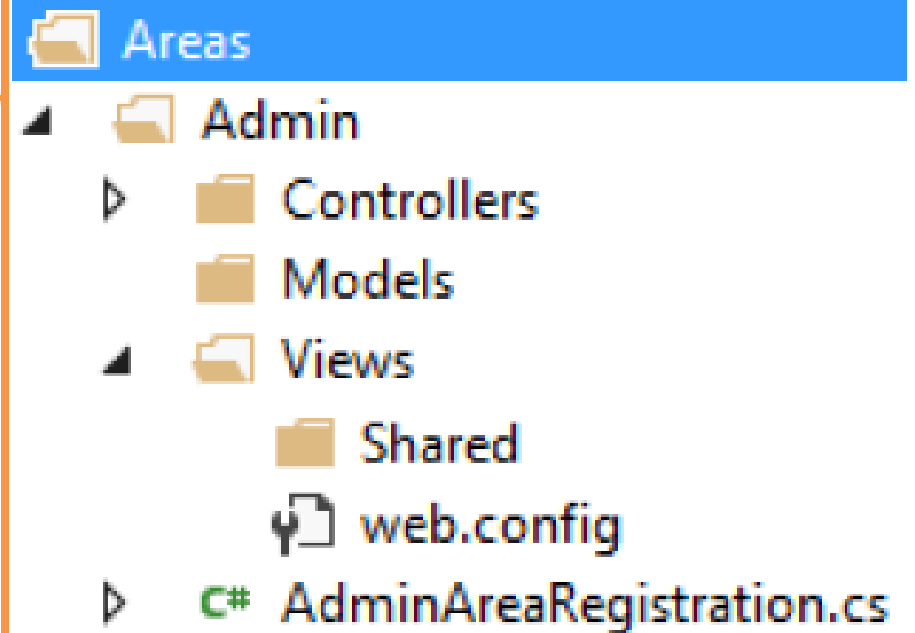
    var culture = new CultureInfo(lang);

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

# Area – Phân vùng

```
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 }
        );
    }
}
```



# Giải quyết xung đột khi phân vùng

```
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" }
        );
    }
}
```

