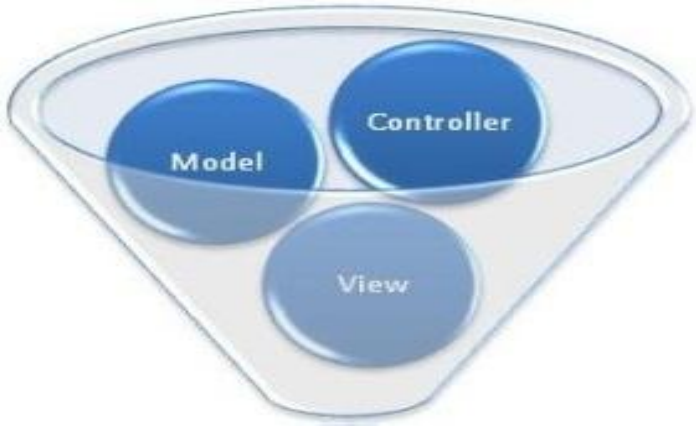
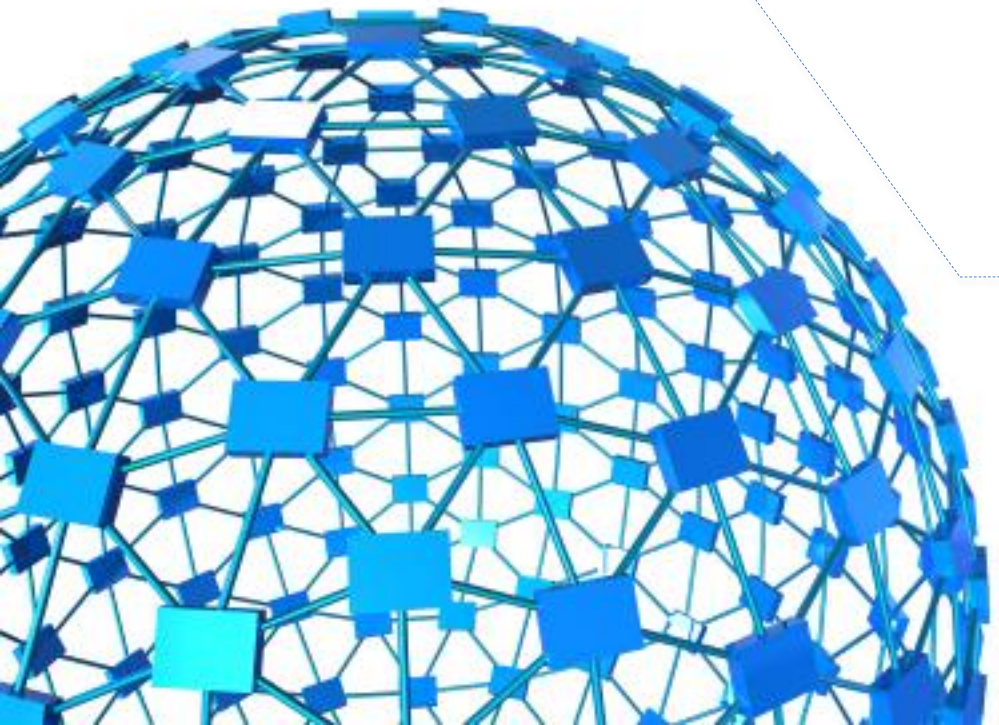
Microsoft ASP.net MVC 5





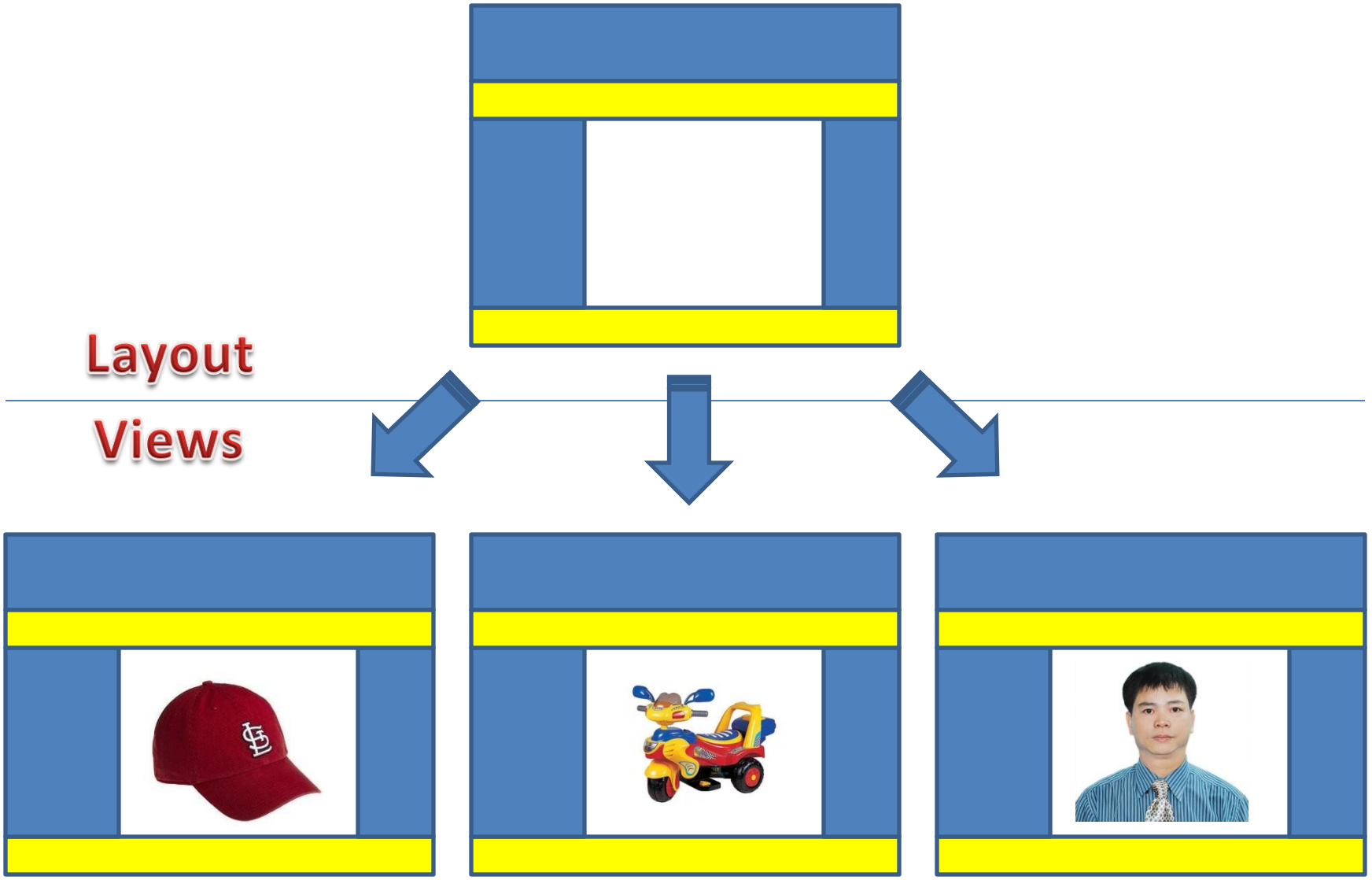
WEBSITE ORGANIZATION

ThS. Nguyễn Nghiệm
0913.745.789
nghiemn@fpt.edu.vn
songlong2k@gmail.com

Nội dung

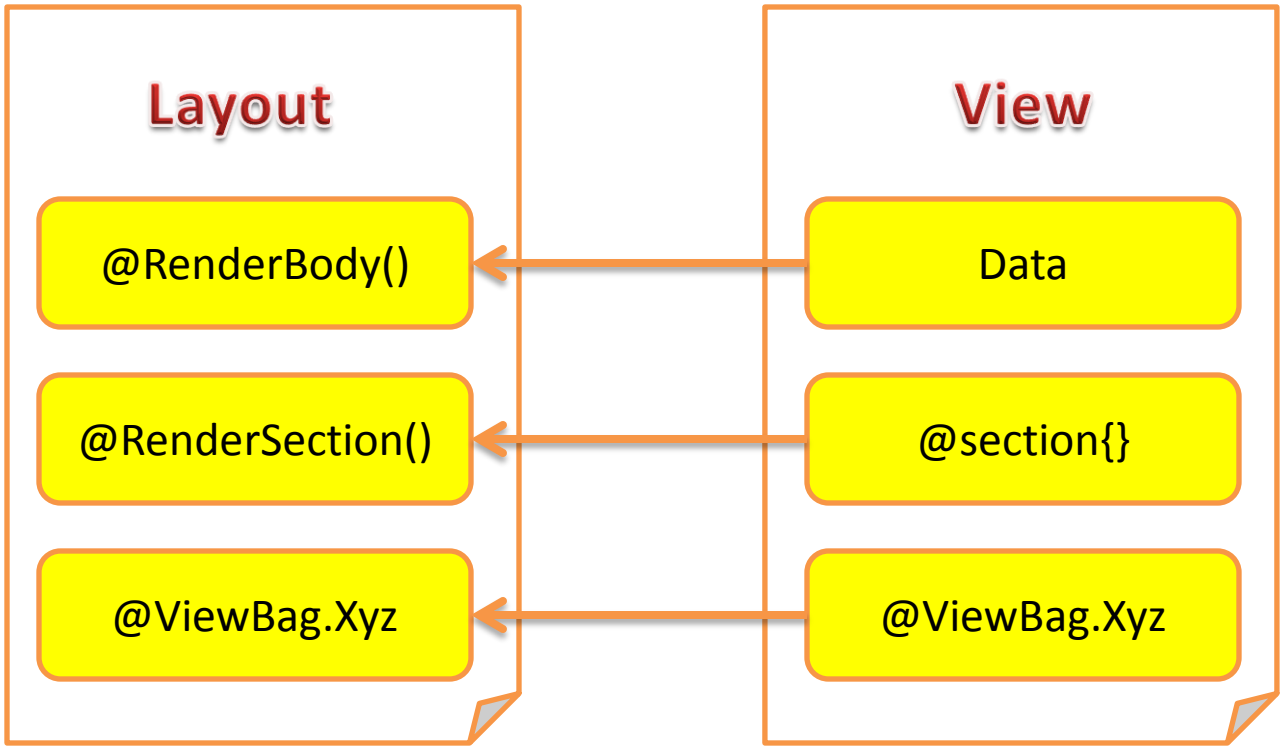
- Layout
  - @RenderBody()
  - @RenderSection()
  - @ViewBag.Property
- Bundles
- PartialView
  - @Html.Action()
  - @Html.Partial()
- I18N - Quốc tế hóa
- Areas - Phân vùng ứng dụng

Layout

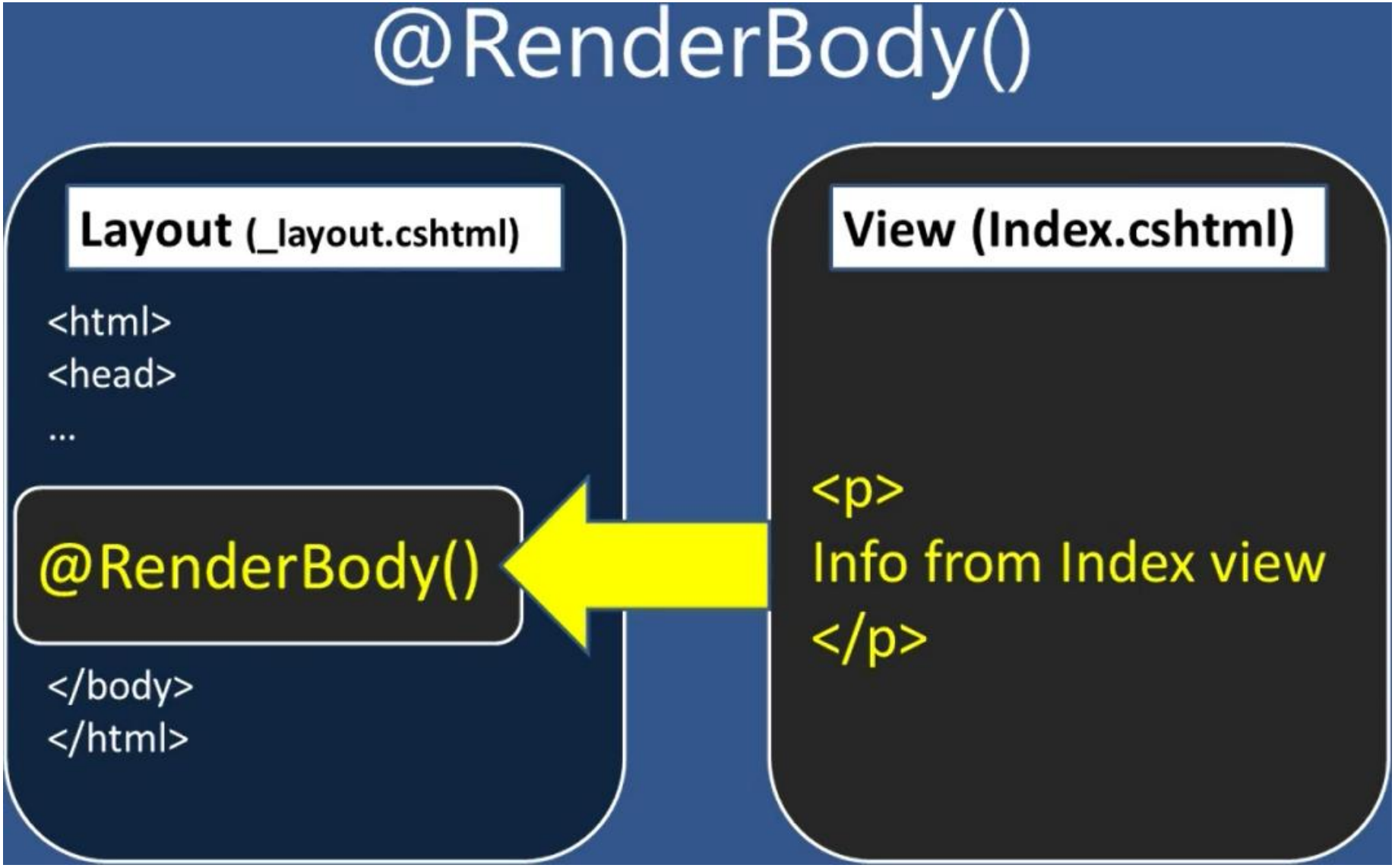


Layout

- 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

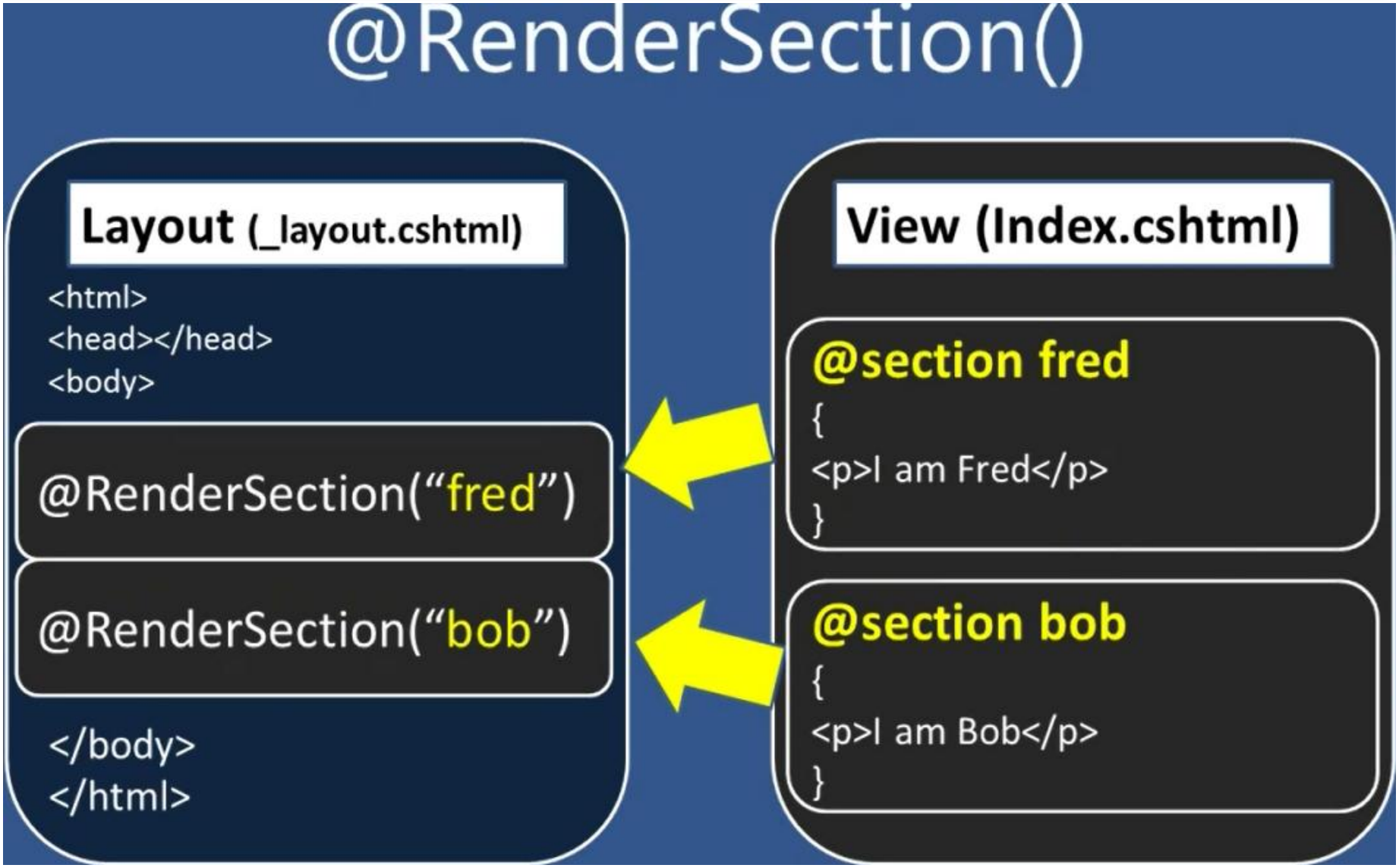


@RenderBody()


@RenderBody()
Layout (_layout.cshtml)
<html>
<head>
...
@RenderBody()
</body>
</html>
View (Index.cshtml)

Info from Index view

@RenderSection()



Áp dụng Layout

_ViewStart.cshtml

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

_MyLayout.cshtml

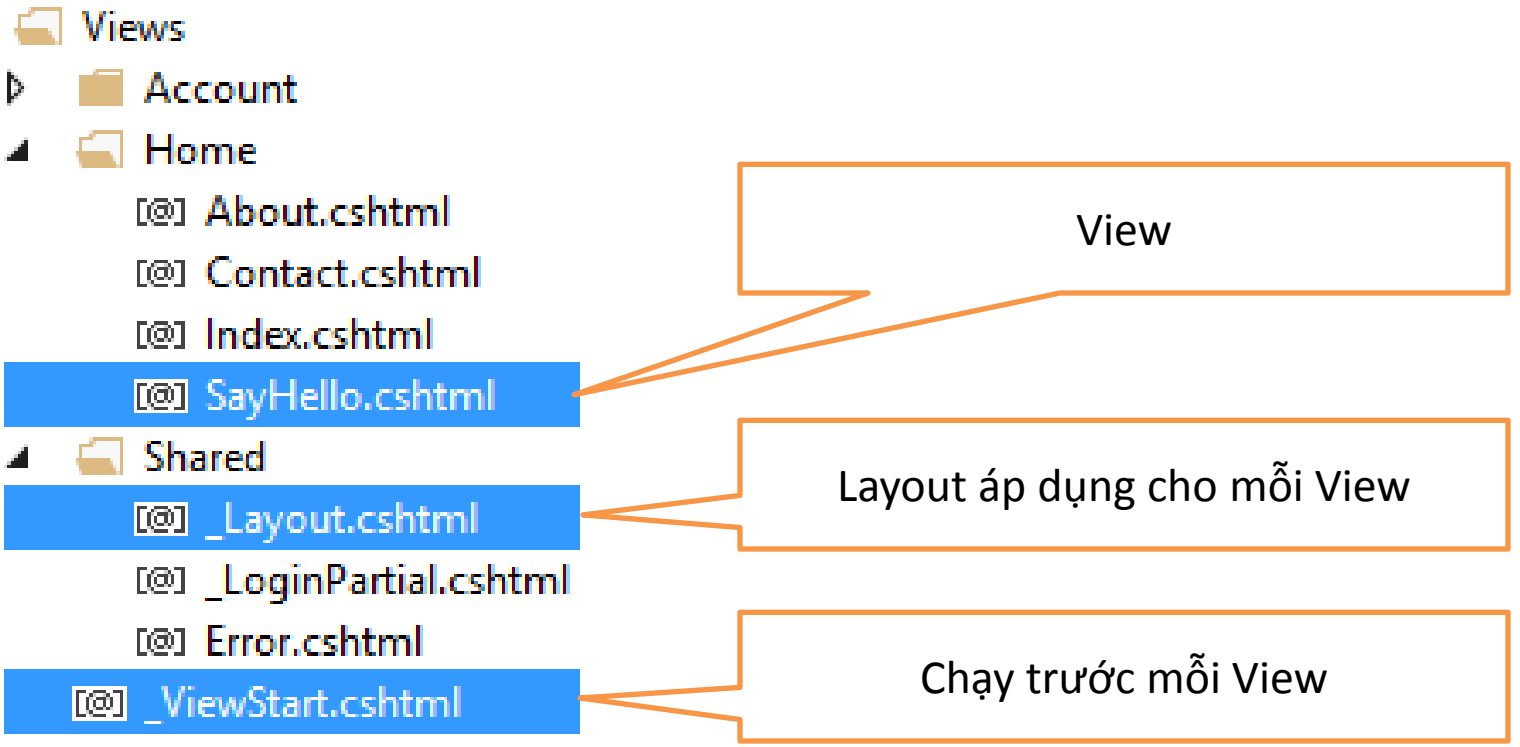
```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8" />
        <title>@ViewBag.Title</title>
        @RenderSection("scripts", required: false)
    </head>
    <body>
        <h2>ASP.NET MVC4</h2>
        <hr />
        @RenderBody()
    </body>
</html>
```

MyView.cshtml

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

<h2>Trang chủ</h2>

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

Các thành phần

- _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

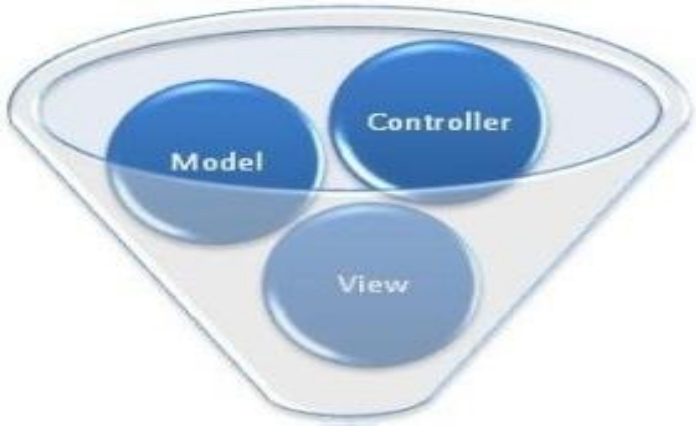
BundleConfig.cs

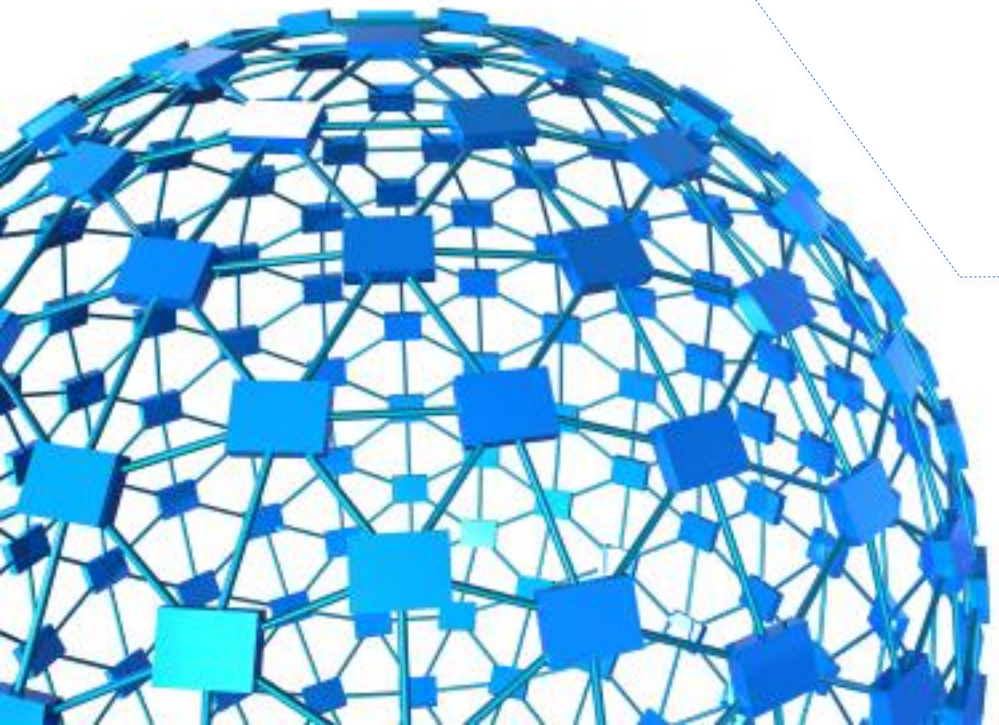
```
bundles.Add(new ScriptBundle("~/bundles/jquery").Include(
            "~/Scripts/jquery-{version}.js"));

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")
```

Microsoft ASP.net MVC 5





PARTIAL VIEW

ThS. Nguyễn Nghiệm
0913.745.789
nghiemn@fpt.edu.vn
songlong2k@gmail.com

Microsoft ASP.net MVC 5

Partial View

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 @Html.Partial()

_Layout.cshtml

- @Html.Partial("_LoginPartial")

_LoginPartial.cshtml

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

LayoutController.cs

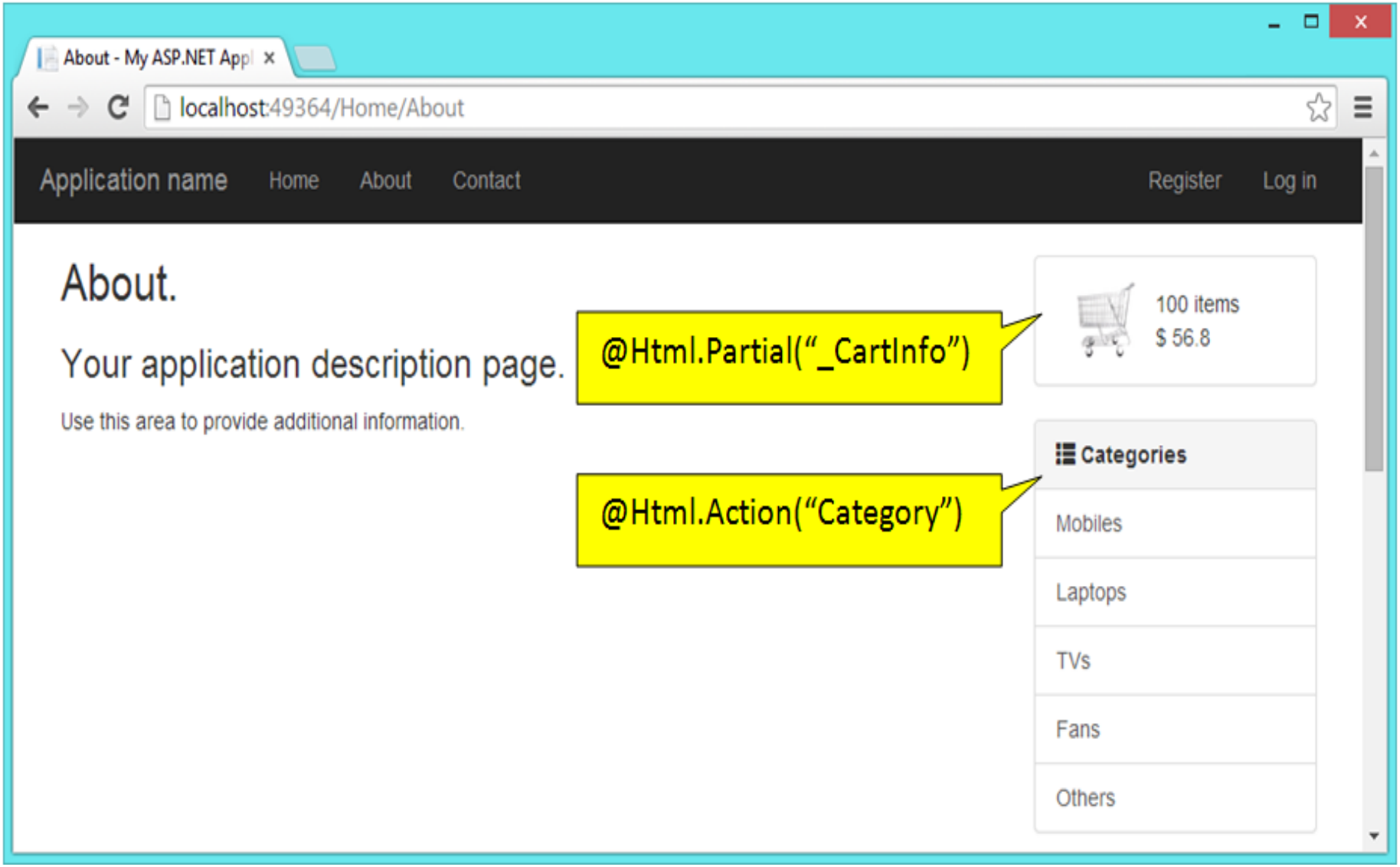
eStoreMVC4246.Controllers.LayoutController — db

```
[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>
```

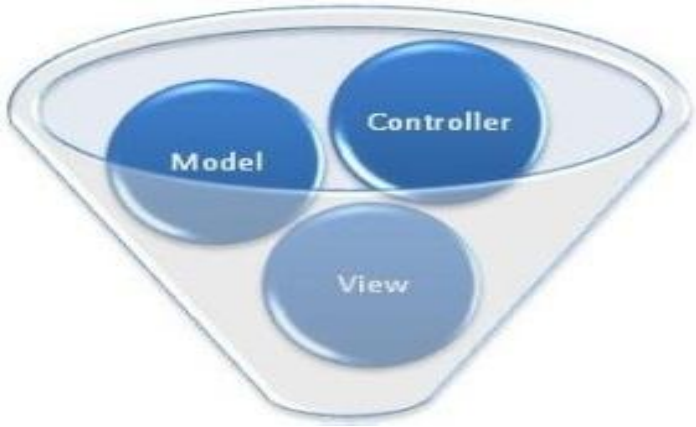
THỰC HÀNH

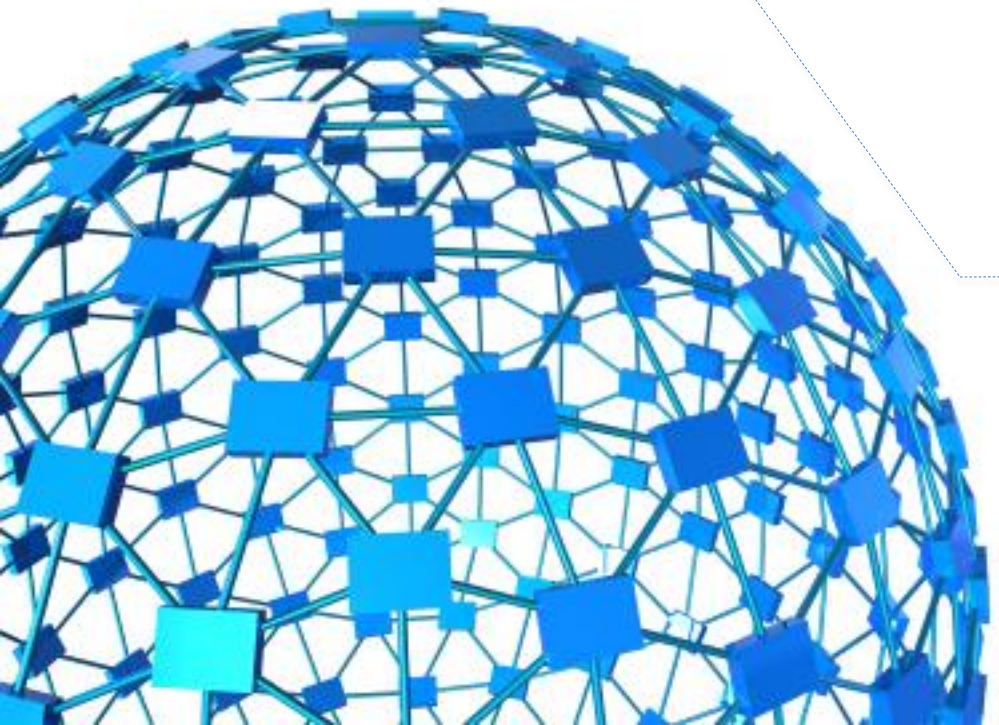

About - My ASP.NET App
localhost:49364/Home/About
Application name
Home
About
Contact
Register
Log in
About.
Your application description page.
Use this area to provide additional information.
@Html.Partial("_CartInfo")
100 items
$ 56.8
@Html.Action("Category")
Categories
Mobiles
Laptops
TVs
Fans
Others

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)
```

Microsoft ASP.net MVC 5

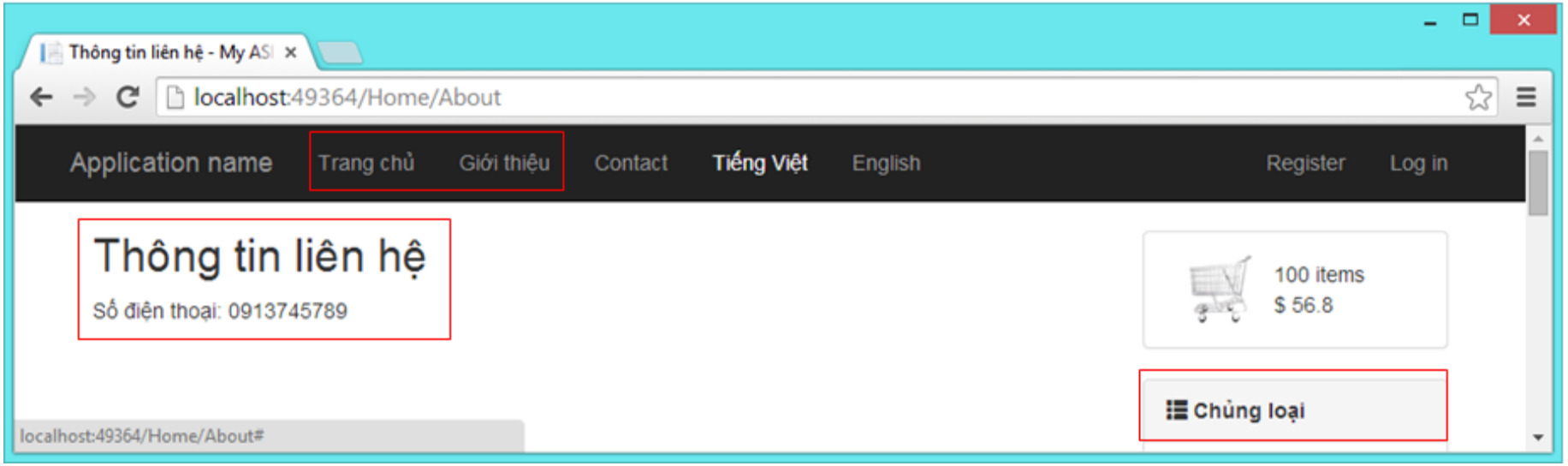


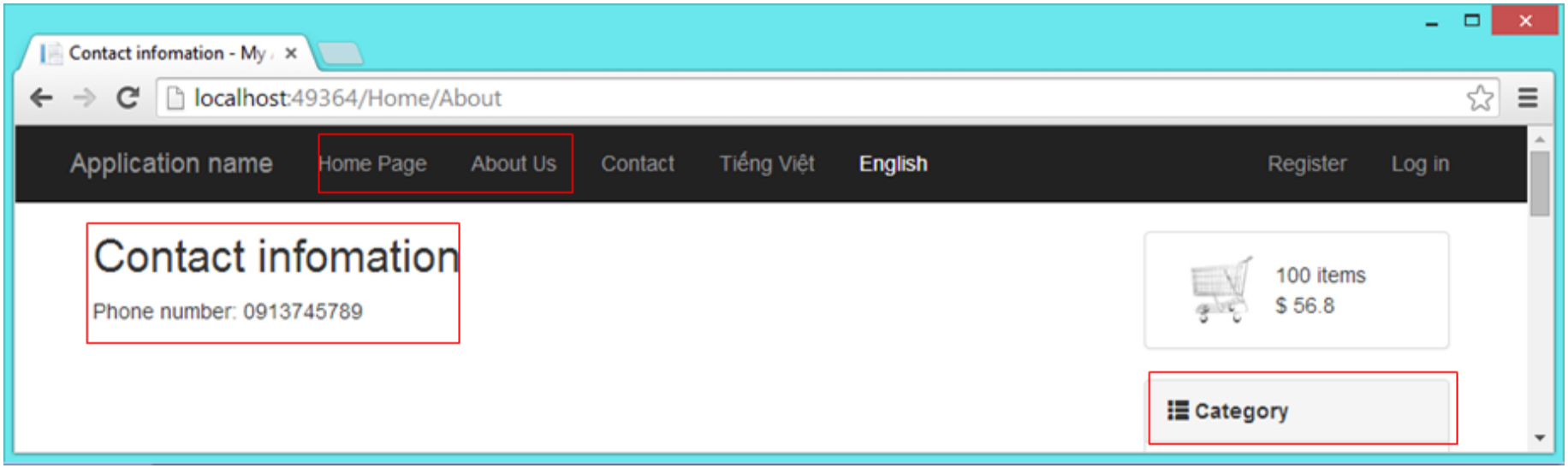


I18N

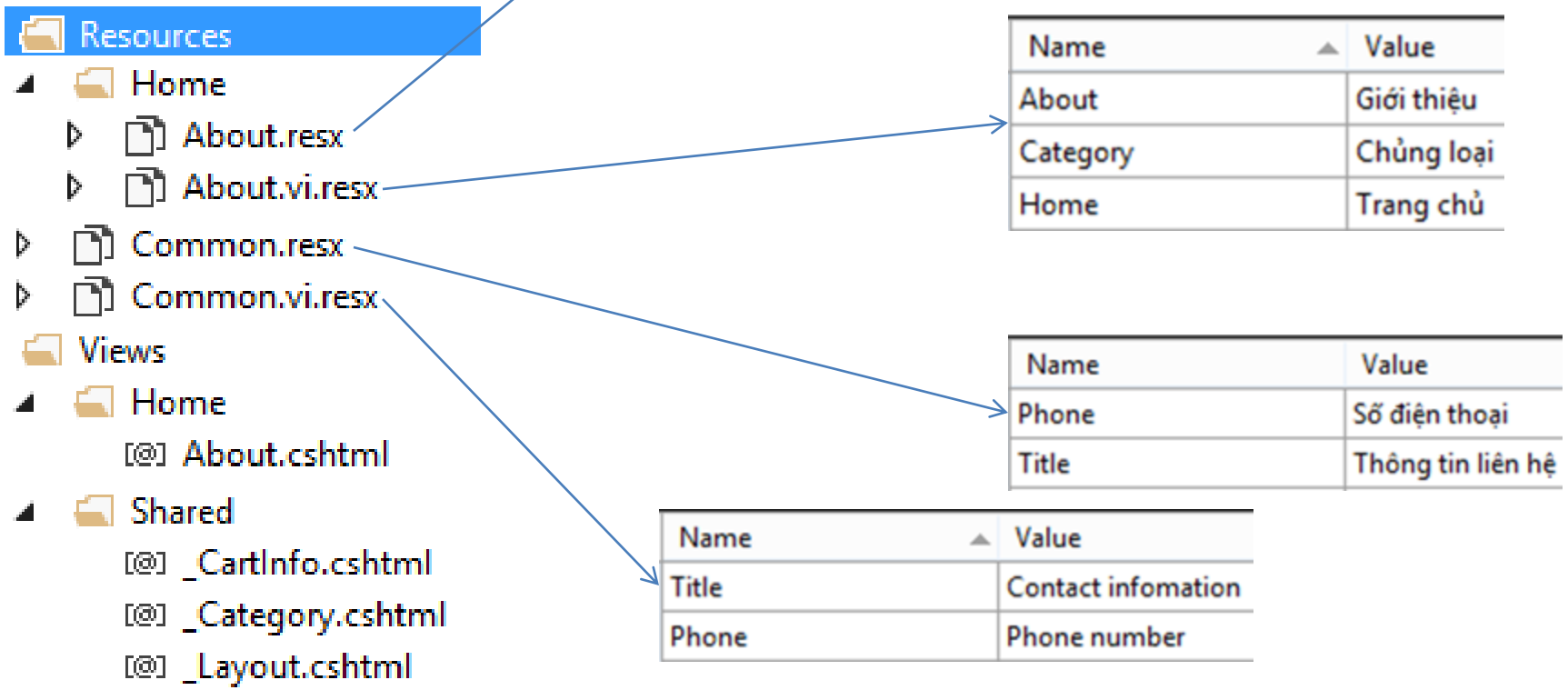
ThS. Nguyễn Nghiệm
0913.745.789
nghiemn@fpt.edu.vn
songlong2k@gmail.com

ĐA NGÔN NGỮ


Thông tin liên hệ - My AS
localhost:49364/Home/About
Application name
Trang chủ
Giới thiệu
Contact
Tiếng Việt
English
Register
Log in
Thông tin liên hệ
Số điện thoại: 0913745789
100 items
$ 56.8
Chủng loại
localhost:49364/Home/About#


Contact infomation - My
localhost:49364/Home/About
Application name
Home Page
About Us
Contact
Tiếng Việt
English
Register
Log in
Contact infomation
Phone number: 0913745789
100 items
$ 56.8
Category

Tổ chức tài nguyên



Sử dụng 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
```

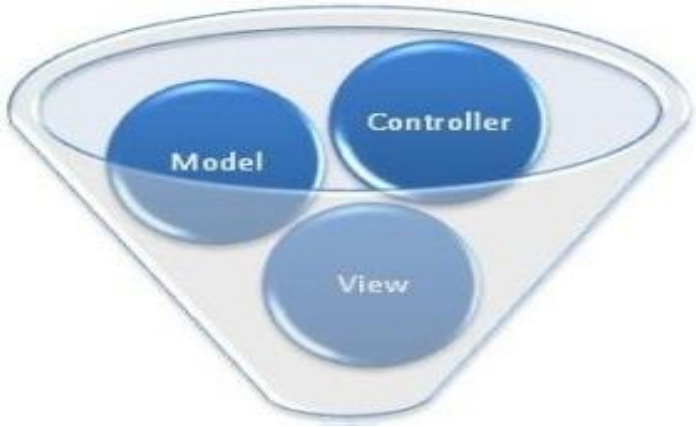
Chọn ngôn ngữ

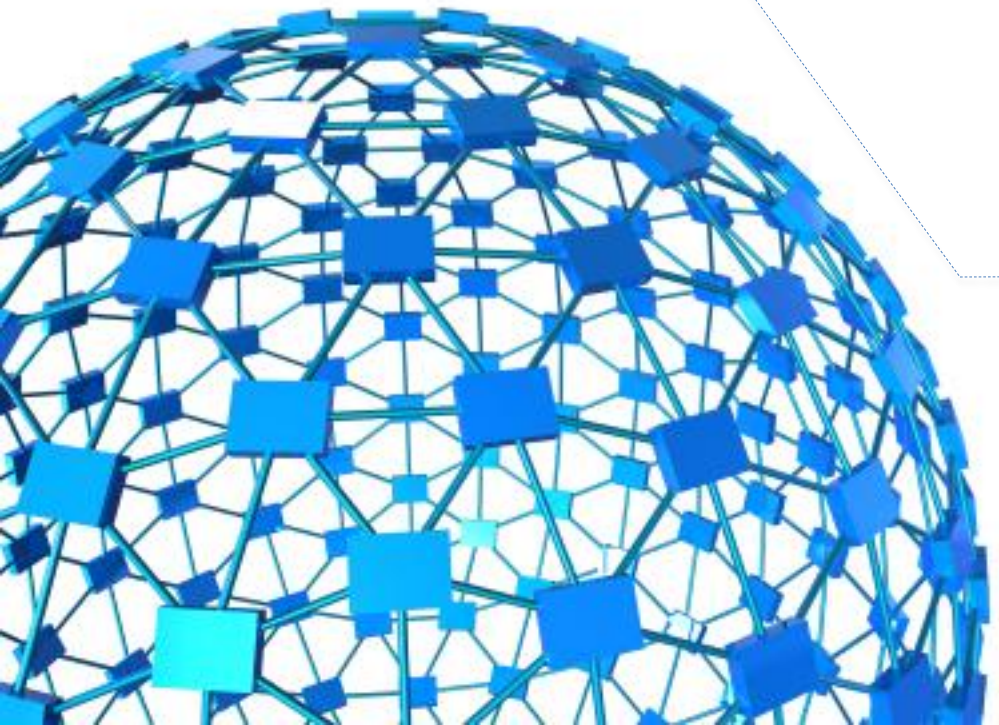
```
<li><a href="#" data-lang="vi">Tiếng Việt</a></li>
<li><a href="#" data-lang="en">English</a></li>
```

```
<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;
}
```

Microsoft ASP.net MVC 5

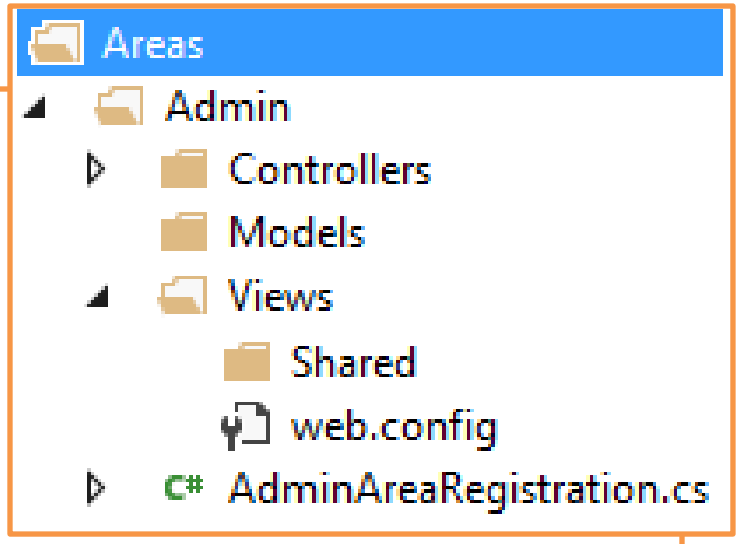




AREAS

ThS. Nguyễn Nghiệm
0913.745.789
nghiemn@fpt.edu.vn
songlong2k@gmail.com

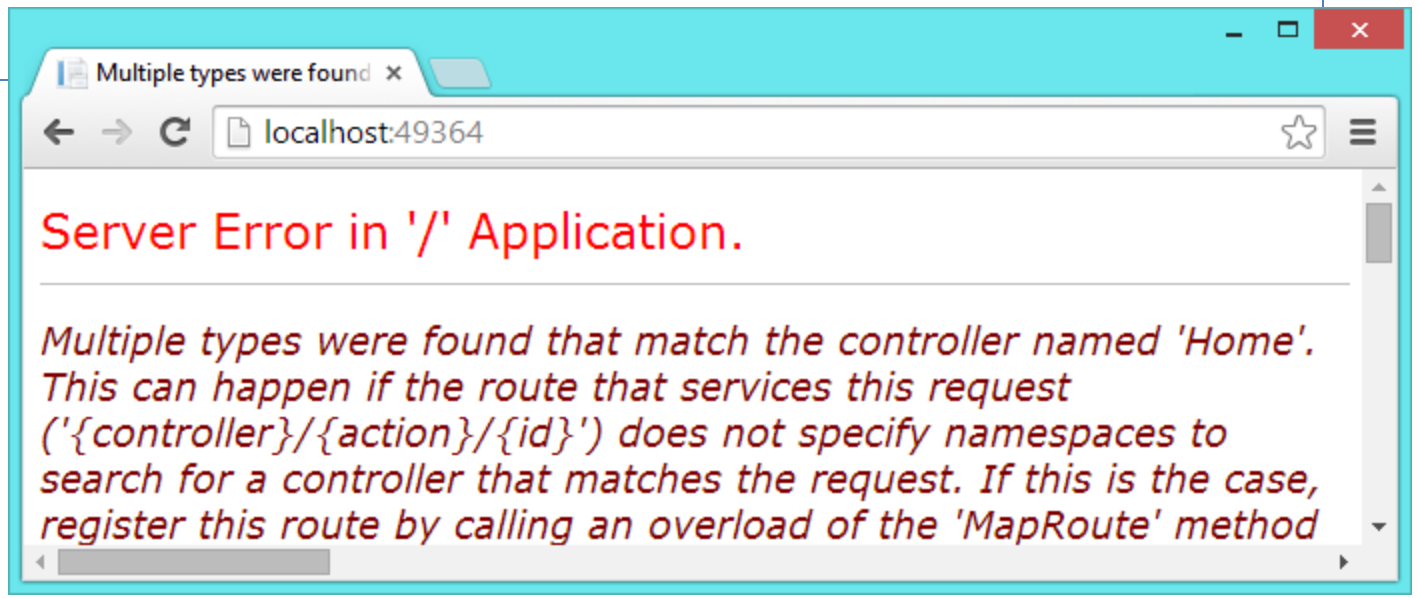
Phân vùng




```
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 Controller

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



Thực hành

- Xây dựng Layout
- Phân vùng