VIEW COMPONENT

Mục Lục

I. TẠO VIEW COMPONENT DANH SÁCH CATEGORY

Trang Cửa hàng (**Product/index.cshtml**)

Tạo Model mới: **CategoryMenu.cs**

Models/CategoryMenu.cs

```csharp
using System.ComponentModel.DataAnnotations;
namespace ShopManager.Models
{
    public class CategoryMenu
    {
        public int Id { get; set; }
        public string Title { get; set; }
        public string Content { get; set; }
        public int Count { get; set; }

    }
}
```

Tại folder DAL, tạo class mới: **CategoryDAL.cs**

DAL/CategoryDAL.cs

```csharp
using Microsoft.Data.SqlClient;
using ShopManager.Database;
using ShopManager.Models;

namespace ShopManager.DAL
{
    public class CategoryDAL
    {
        DBConnect connect = new DBConnect();

        public List<CategoryMenu> getAllWithCount()
        {
            connect.openConnection();

            List<CategoryMenu> list = new List<CategoryMenu>();

            using (SqlCommand command = new SqlCommand())
            {
                command.Connection = connect.getConnecttion();
                command.CommandType = System.Data.CommandType.Text;

                string query = @"select c.id, c.title, c.content, count(p.id) as soluong
                    from category c left join product p
                    on c.id = p.categoryId
                    group by c.id,c.title, c.content
                    order by soluong desc
                    ";

                command.CommandText = query;

                SqlDataReader reader = command.ExecuteReader();

                while (reader.Read())
                {
                    CategoryMenu category = new CategoryMenu()
                    {
                        Id = Convert.ToInt32(reader["Id"]),
                        Title = reader["Title"].ToString() ?? "",
```

```
                    Content = reader["Content"].ToString() ?? "",
                    Count = Convert.ToInt32(reader["soluong"].ToString())
                };

                list.Add(category);
            }
        }
        connect.closeConnection();
        return list;
    }
}
```
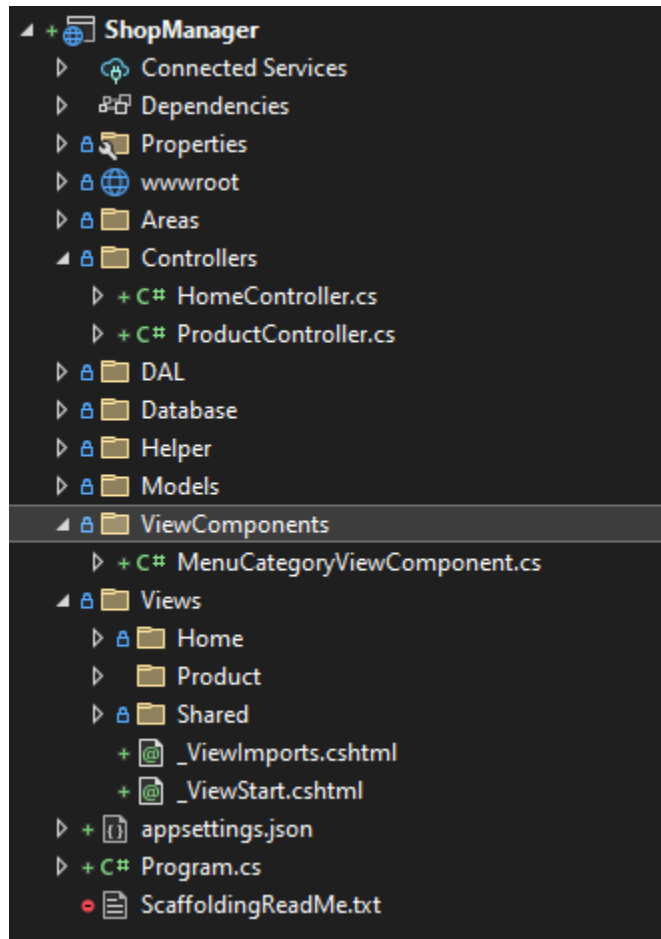
Tạo Folder mới: **ViewComponents**

Tạo Class mới: **MenuCategoryViewComponent.cs**

ViewComponents/MenuCategoryViewComponent.cs

```
using Microsoft.AspNetCore.Mvc;
using ShopManager.DAL;
using ShopManager.Models;

namespace ShopManager.ViewComponents
{
    public class MenuCategoryViewComponent: ViewComponent
    {
        // query SQL
        CategoryDAL categoryDAL = new CategoryDAL();

        public IViewComponentResult Invoke()
```

```
        {
            List<CategoryMenu> categoryMenus = new List<CategoryMenu>();

            categoryMenus = categoryDAL.getAllWithCount();
            return View("Default",categoryMenus);
        }
    }
}
```

Tại Folder Views/Shared, tạo folder mới: **Components**

Tạo thêm Folder mới trong Folder vừa tạo: **MenuCategory** (tên Class trong folder
ViewComponents)

Right Click tại folder **MenuCategory** -> Add -> View -> Razor View – Empty ->
Default.cshtml

```
@model IEnumerable<ShopManager.Models.CategoryMenu>
<div class="col-lg-12">
    <div class="mb-3">
        <h4>Categories</h4>
        <ul class="list-unstyled fruite-categorie">
            @foreach(var item in Model)
            {
                <li>
                    <div class="d-flex justify-content-between fruite-name">
                        <a href="#"><i class="fas fa-apple-alt me-
2"></i>@item.Title</a>
                        <span>(@item.Count)</span>
                    </div>
                </li>
            }
        </ul>
    </div>
</div>
```

Hiển thị Component **MenuCategory** tại trang **Cửa hàng (Product/Index.cshtml)**

Views/Product/Index.cshtml

```
@{
    ViewData["Title"] = "Index";
}

<!-- Single Page Header start -->
<div class="container-fluid page-header py-5">
    <h1 class="text-center text-white display-6">Shop</h1>
    <ol class="breadcrumb justify-content-center mb-0">
        <li class="breadcrumb-item"><a href="#">Home</a></li>
        <li class="breadcrumb-item"><a href="#">Pages</a></li>
        <li class="breadcrumb-item active text-white">Shop</li>
    </ol>
</div>
<!-- Single Page Header End -->

<!-- Fruits Shop Start-->
<div class="container-fluid fruite py-5">
    <div class="container py-5">
        <h1 class="mb-4">Fresh fruits shop</h1>
        <div class="row g-4">
            <div class="col-lg-12">
                <div class="row g-4">
                    <div class="col-xl-3">
```

```html
                        <div class="input-group w-100 mx-auto d-flex">
                            <input type="search"
                                    class="form-control p-3"
                                    placeholder="keywords"
                                    aria-describedby="search-icon-1" />
                            <span id="search-icon-1" class="input-group-text p-3">
                                <i class="fa fa-search"></i>
                            </span>
                        </div>
                    </div>
                    <div class="col-6"></div>
                    <div class="col-xl-3">
                        <div class="bg-light ps-3 py-3 rounded d-flex justify-
content-between mb-4">
                            <label for="fruits">Default Sorting:</label>
                            <select id="fruits"
                                    name="fruitlist"
                                    class="border-0 form-select-sm bg-light me-3"
                                    form="fruitform">
                                <option value="volvo">Nothing</option>
                                <option value="saab">Popularity</option>
                                <option value="opel">Organic</option>
                                <option value="audi">Fantastic</option>
                            </select>
                        </div>
                    </div>
                </div>
                <div class="row g-4">
                    <!-- Left Panel Start-->
                    <div class="col-lg-3">
                        <div class="row g-4">
                            <!-- Categories Start -->
                            <div class="col-lg-12">
                                @* <div class="mb-3">
                                    <h4>Categories</h4>
                                    <ul class="list-unstyled fruite-categorie">
                                        <li>
                                            <div class="d-flex justify-content-
between fruite-name">
                                                <a href="#"><i class="fas fa-
apple-alt me-2"></i>Apples</a>
                                                <span>(3)</span>
                                            </div>
                                        </li>
                                        <li>
                                            <div class="d-flex justify-content-
between fruite-name">
                                                <a href="#"><i class="fas fa-
apple-alt me-2"></i>Oranges</a>
                                                <span>(5)</span>
                                            </div>
                                        </li>
                                        <li>
                                            <div class="d-flex justify-content-
between fruite-name">
                                                <a href="#"><i class="fas fa-
apple-alt me-2"></i>Strawbery</a>
                                                <span>(2)</span>
                                            </div>
                                        </li>
                                        <li>
                                            <div class="d-flex justify-content-
between fruite-name">
                                                <a href="#"><i class="fas fa-
apple-alt me-2"></i>Banana</a>
```

```
                                              <span>(8)</span>
                                          </div>
                                     </li>
                                     <li>
                                         <div class="d-flex justify-content-
between fruite-name">
                                             <a href="#"><i class="fas fa-
apple-alt me-2"></i>Pumpkin</a>
                                             <span>(5)</span>
                                         </div>
                                     </li>
                                 </ul>
                             </div> *@
                         @await Component.InvokeAsync("MenuCategory")
                     </div>
                     <!-- Categories End -->

                     <!-- Featured products Start -->
                     <div class="col-lg-12">
                         …
                     </div>
                     <!-- Featured products End -->
                 </div>
             </div>
             <!-- Left Panel End -->

             <!-- Right Panel Start-->
             <div class="col-lg-9">
                 ...
             </div>
             <!-- Right Panel End -->
         </div>
     </div>
 </div>
</div>
<!-- Fruits Shop End -->
```
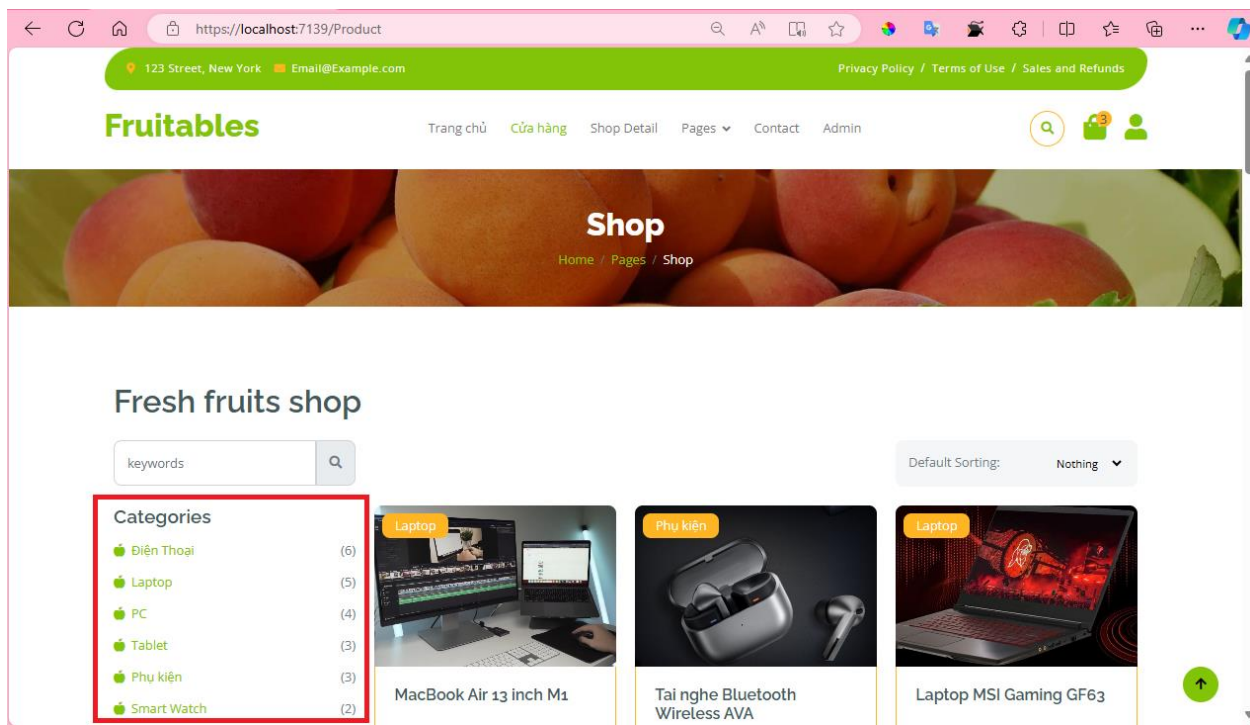
Build Project -> Mở tab Cửa hàng

Thêm View Component cho trang **Product/Detail**

Views/Product/Detail.cshtml

```
@model ShopManager.Models.Product
@{
    ViewData["Title"] = "Detail";
}

<!-- Single Page Header start -->
<div class="container-fluid page-header py-5">
    <h1 class="text-center text-white display-6">Shop Detail</h1>
    <ol class="breadcrumb justify-content-center mb-0">
        <li class="breadcrumb-item"><a href="#">Home</a></li>
        <li class="breadcrumb-item"><a href="#">Pages</a></li>
        <li class="breadcrumb-item active text-white">Shop Detail</li>
    </ol>
</div>
<!-- Single Page Header End -->

<!-- Single Product Start -->
<div class="container-fluid py-5 mt-5">
    <div class="container py-5">
        <div class="row g-4 mb-5">
            <!-- Product Detail Start -->
            <div class="col-lg-8 col-xl-9">
                <div class="row g-4">....
            </div>
            <!-- Product Detail End -->
            <!-- Right Panel Start -->
            <div class="col-lg-4 col-xl-3">
                <div class="row g-4 fruite">
                    <div class="col-lg-12">
                        <!-- Search Start -->
```

```html
                        <div class="input-group w-100 mx-auto d-flex mb-4">
                            <input type="search"
                                   class="form-control p-3"
                                   placeholder="keywords"
                                   aria-describedby="search-icon-1" />
                            <span id="search-icon-1" class="input-group-text p-3">
                                <i class="fa fa-search"></i>
                            </span>
                        </div>
                        <!-- Search End -->

                        <!-- Categories Start -->
                        @*  <div class="mb-4">
                                <h4>Categories</h4>
                                <ul class="list-unstyled fruite-categorie">
                                    <li>
                                        <div class="d-flex justify-content-between fruite-name">
                                            <a href="#"><i class="fas fa-apple-alt me-2"></i>Apples</a>
                                            <span>(3)</span>
                                        </div>
                                    </li>
                                    <li>
                                        <div class="d-flex justify-content-between fruite-name">
                                            <a href="#"><i class="fas fa-apple-alt me-2"></i>Oranges</a>
                                            <span>(5)</span>
                                        </div>
                                    </li>
                                    <li>
                                        <div class="d-flex justify-content-between fruite-name">
                                            <a href="#"><i class="fas fa-apple-alt me-2"></i>Strawbery</a>
                                            <span>(2)</span>
                                        </div>
                                    </li>
                                    <li>
                                        <div class="d-flex justify-content-between fruite-name">
                                            <a href="#"><i class="fas fa-apple-alt me-2"></i>Banana</a>
                                            <span>(8)</span>
                                        </div>
                                    </li>
                                    <li>
                                        <div class="d-flex justify-content-between fruite-name">
                                            <a href="#"><i class="fas fa-apple-alt me-2"></i>Pumpkin</a>
                                            <span>(5)</span>
                                        </div>
                                    </li>
                                </ul>
                            </div> *@

                    @await Component.InvokeAsync("MenuCategory")
                        <!-- Categories End -->
                </div>

                <!-- Featured products Start -->
                <div class="col-lg-12">...
                <!-- Featured products End -->
```

```html
                </div>
            </div>
            <!-- Right Panel End -->
        </div>

        <!-- Related products Start -->
        <h1 class="fw-bold mb-0">Related products</h1>
        <div class="vesitable">...
        <!-- Related products End -->
    </div>
</div>
<!-- Single Product End -->
```

DAL/ProductDAL.cs

```csharp
using Microsoft.Data.SqlClient;
using ShopManager.Areas.Admin.Models;
using ShopManager.Database;
using ShopManager.Models;

namespace ShopManager.DAL
{
    public class ProductDAL
    {
        DBConnect connect = new DBConnect();

        public List<Product> GetListProduct(int? idCategory)
        {
            …
        }


        public Product GetProductById(int Id)
        {
            ...
        }

        public List<Product> GetFeaturedProducts (int limitProduct)
        {
            // get from product table
            // top limitProduct
            // sort by product.rate desc
            connect.openConnection();

            List<Product> list = new List<Product>();

            using (SqlCommand command = new SqlCommand())
            {
                command.Connection = connect.getConnecttion();
                command.CommandType = System.Data.CommandType.Text;

                string query = @"select top " + limitProduct + @" a.id as
ProductId, a.title as ProductTitle,
                    a.content as ProductContent, a.img as ProductImg, a.price as
ProductPrice,
                    a.rate as ProductRate, a.createAt as ProductCreateAt,
a.updateAt as ProductUpdateAt,
                    b.id as CategoryId, b.title as CategoryTitle
                    from product a join category b on a.categoryId = b.Id
                    order by a.rate desc;";

                command.CommandText = query;

                SqlDataReader reader = command.ExecuteReader();

                while (reader.Read())
                {
                    // ================== Cách 1 ================
                    Product product = new Product()
                    {
                        Id = Convert.ToInt32(reader["ProductId"]),
                        Title = reader["ProductTitle"].ToString() ?? "",
                        Content = reader["ProductContent"].ToString() ?? "",
                        Img = reader["ProductImg"].ToString() ?? "",
                        Price = Convert.ToInt32(reader["ProductPrice"]),
```

```
                            Rate = Convert.ToDouble(reader["ProductRate"].ToString()),
                            CreateAt =
DateTime.Parse(reader["ProductCreateAt"]?.ToString()),
                            UpdateAt =
DateTime.Parse(reader["ProductUpdateAt"]?.ToString()),
                            CategoryId = Convert.ToInt32(reader["CategoryId"]),
                            CategoryTitle = reader["CategoryTitle"].ToString(),
                        };

                        list.Add(product);
                    }
                }
                connect.closeConnection();
                return list;
            }
        }
}
```

Tại Folder ViewComponents, Tại Class mới: **FeaturedProductsViewComponent.cs**

ViewComponents/FeaturedProductsViewComponent.cs

```
using Microsoft.AspNetCore.Mvc;
using ShopManager.DAL;
using ShopManager.Models;

namespace ShopManager.ViewComponents
{
    public class FeaturedProductsViewComponent : ViewComponent
    {
        ProductDAL productDAL = new ProductDAL();

        public IViewComponentResult Invoke(int? limit)
        {
            int limitProduct = limit ?? 4;

            List<Product> featuredProducts = new List<Product>();

            featuredProducts = productDAL.GetFeaturedProducts(limitProduct);

            return View("FeatureProduct", featuredProducts);
        }
    }
}
```

Tại Folder **Views/Shared/Components**, tạo Folder mới: **FeaturedProducts**

 -> tạo View mới: **FeatureProduct.cshtml**

Mở file wwwroot/shop-detail.html

Copy thẻ <!-- Featured products Start --> .. <!-- Featured products End -->

Paste vào file **FeatureProduct.cshtml**

Hiển thị Model Product

Views/Shared/Components/ FeaturedProducts/FeatureProduct.cshtml

```
@model IEnumerable<ShopManager.Models.Product>

<h4 class="mb-4">Featured products</h4>
```

```
@foreach (var item in Model)
{
    <div class="d-flex align-items-center justify-content-start">
        <div class="rounded" style="width: 100px; height: 100px">
            <img src="~/images/SanPham/@item.Img" class="img-fluid rounded"
alt="@item.Img"
                style="width: 90px; height: 50px; object-fit:contain" />
        </div>
        <div>
            <h6 class="mb-2">@item.Title</h6>
            <div class="d-flex mb-2">
                <i class="fa fa-star text-secondary"></i>
                <i class="fa fa-star text-secondary"></i>
                <i class="fa fa-star text-secondary"></i>
                <i class="fa fa-star text-secondary"></i>
                <i class="fa fa-star"></i>
            </div>
            <div class="d-flex mb-2">
                <h6 class="fw-bold me-2">@item.Price.ToString("#,##0 VND")</h6>
            </div>
        </div>
    </div>
}
<div class="d-flex justify-content-center my-4">
    <a asp-area="" asp-controller="Product" asp-action="Index"
        class="btn border border-secondary px-4 py-3 rounded-pill text-primary w-
100">View More</a>
</div>
```

Thêm Component FeaturedProducts tại trang **Home/Index.cshtml**

Views/Home/Index.cshtml

```
@model IEnumerable<ShopManager.Models.Product>

@{
    ViewData["Title"] = "Index";
}

<!-- Single Page Header start -->
<div class="container-fluid page-header py-5">
    ...
</div>
<!-- Single Page Header End -->
<!-- Fruits Shop Start-->
<div class="container-fluid fruite py-5">
    <div class="container py-5">
        <h1 class="mb-4">Fresh fruits shop</h1>
        <div class="row g-4">
            <div class="col-lg-12">
                <div class="row g-4">
                    ...
                </div>
                <div class="row g-4">
                    <!-- Left Panel Start-->
                    <div class="col-lg-3">
                        <div class="row g-4">
                            <!-- Categories Start -->
                            <div class="col-lg-12">
                                @await Component.InvokeAsync("MenuCategory")
                            </div>
                            <!-- Categories End -->
                            <!-- Featured products Start -->
```

```
                            <div class="col-lg-12">
                                @await
Component.InvokeAsync("FeaturedProducts",new { limit= 5})
                            </div>
                            <!-- Featured products End -->
                        </div>
                    </div>
                    <!-- Left Panel End -->
                    <!-- Right Panel Start-->
                    <div class="col-lg-9">
                        ...
                    </div>
                    <!-- Right Panel End -->
                </div>
            </div>
        </div>
    </div>
</div>
```

Thêm Component FeaturedProducts tại trang **Product/Details.cshtml**

Views/Product/Detail.cshtml

```
@model ShopManager.Models.Product
@{
    ViewData["Title"] = "Detail";
}
<!-- Single Page Header start -->
<div class="container-fluid page-header py-5"> ...</div>
<!-- Single Page Header End -->
<!-- Single Product Start -->
<div class="container-fluid py-5 mt-5">
    <div class="container py-5">
        <div class="row g-4 mb-5">
            <!-- Product Detail Start -->
            <div class="col-lg-8 col-xl-9">
                ...
            </div>
            <!-- Product Detail End -->
            <!-- Right Panel Start -->
            <div class="col-lg-4 col-xl-3">
                <div class="row g-4 fruite">
                    <div class="col-lg-12">
                        <!-- Search Start -->
                        <div class="input-group w-100 mx-auto d-flex mb-4">
                            ...
                        </div>
                        <!-- Search End -->
                        <!-- Categories Start -->
                        @await Component.InvokeAsync("MenuCategory")
                        <!-- Categories End -->
                    </div>

                    <!-- Featured products Start -->
                    <div class="col-lg-12">
                        @await Component.InvokeAsync("FeaturedProducts",new {
limit= 5})
                    </div>
                    <!-- Featured products End -->

                </div>
            </div>
            <!-- Right Panel End -->
        </div>
```
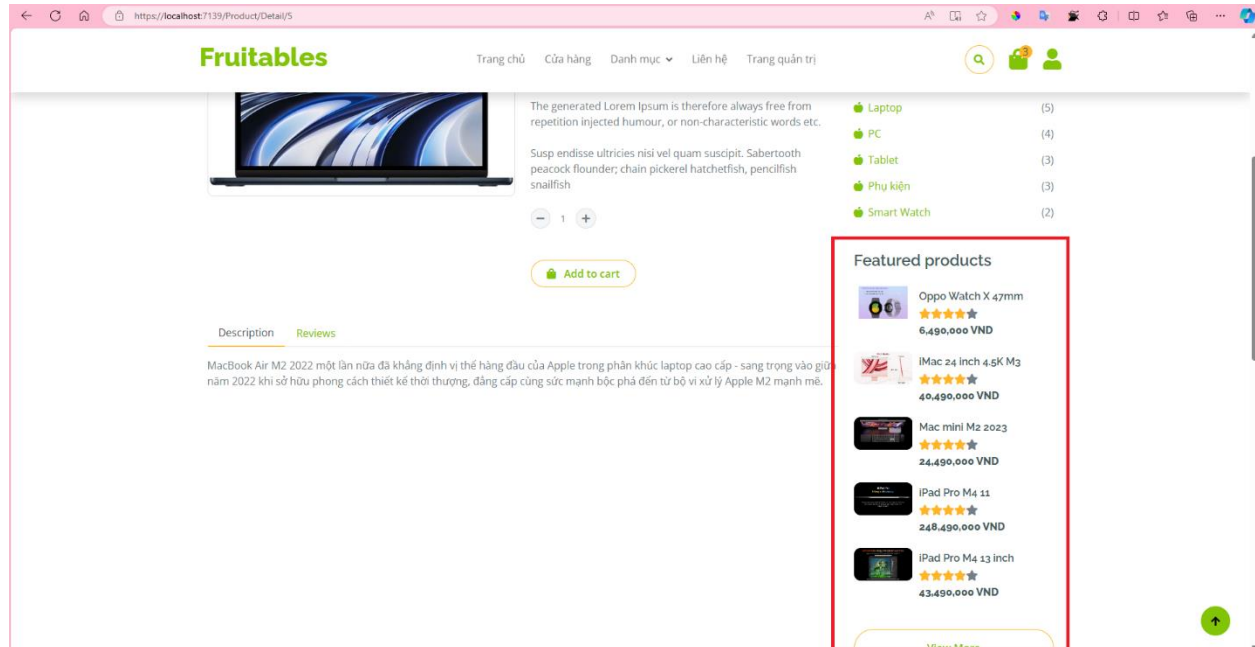
```
        <!-- Related products Start -->
        <div class="col-lg-8 col-xl-9">
            ...
        </div>
        <!-- Related products End -->
    </div>
</div>
<!-- Single Product End -->
```


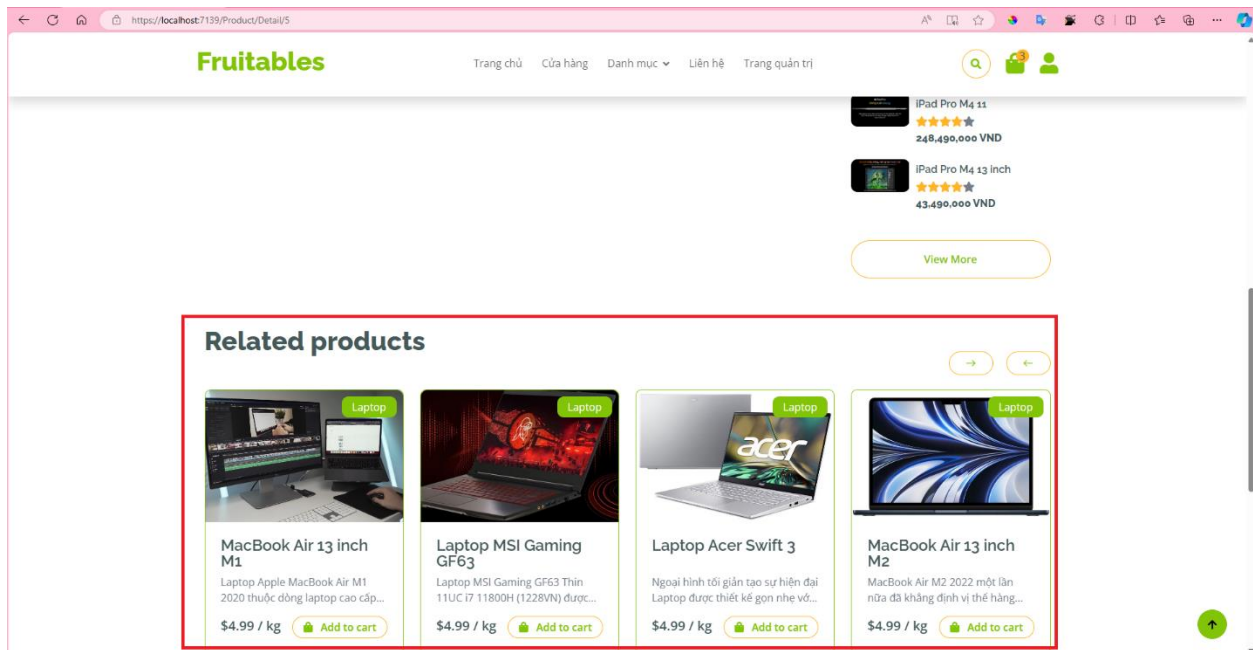**Bài tập**: Tạo View Component Related Product (shop-detail.html), lấy danh sách Product có cùng Id Category, sắp xếp theo product.rating giảm dần.

Gợi ý:

- Tạo DAL lấy danh sách product có cùng Id Category, sắp xếp theo product.rating giảm dần. (không lấy product đang hiển thị)
- Tạo View Component: RelatedProductViewComponent.cs
- Thêm View Component tại Views/Product/Detail.cshtml
  ```
  <!-- Related products Start --> .. <!-- Related products End -->
  ```

III. TẠO VIEW COMPONENT NAVBAR

Lấy dữ liệu từ bảng menu để tạo **Navbar View Component**

Tạo Model mới: **MenuItem.cs**

Models/MenuItem.cs

```
namespace ShopManager.Models
{
    public class MenuItem
    {
        public int Id { get; set; }
        public string Title { get; set; }
        public int?  ParentId { get; set; }
        public string? MenuUrl { get; set; }
        public int MenuIndex { get; set; }
        public bool isVisible { get; set; }
    }
}
```

Tạo Model mới: **NavbarItem.cs**

Models/NavbarItem.cs

```
namespace ShopManager.Models
{
    public class NavbarItem
    {
        public int Id { get; set; }
        public string Title { get; set; }
        public int? ParentId { get; set; }
        public string? MenuUrl { get; set; }
        public int MenuIndex { get; set; }
        public bool isVisible { get; set; }

        public List<NavbarItem>? subItems { get; set; }
    }
}
```

Tạo DAL mới: **MenuDAL.cs**

DAL/MenuDAL.cs

```csharp
using Microsoft.Data.SqlClient;
using ShopManager.Database;
using ShopManager.Models;

namespace ShopManager.DAL
{
    public class MenuDAL
    {
        DBConnect connect = new DBConnect();

        public List<MenuItem> GetAllMenu()
        {
            connect.openConnection();

            List<MenuItem> list = new List<MenuItem>();

            using (SqlCommand command = new SqlCommand())
            {
                command.Connection = connect.getConnecttion();
                command.CommandType = System.Data.CommandType.Text;

                string query = @"select * from menu  order by menuIndex ";

                command.CommandText = query;

                SqlDataReader reader = command.ExecuteReader();

                while (reader.Read())
                {
                    //var parentId = DbNu;
                    MenuItem MenuItem = new MenuItem()
                    {
                        Id = Convert.ToInt32(reader["Id"]),
                        Title = reader["Title"].ToString() ?? "",
                        ParentId = reader["ParentId"] != DBNull.Value  ?
Convert.ToInt32(reader["ParentId"]) : null,
                        MenuUrl = reader["MenuUrl"]?.ToString() ?? null,
                        MenuIndex = Convert.ToInt32(reader["MenuIndex"]),
                        isVisible = Convert.ToInt32(reader["isVisible"]) == 1
                    };

                    list.Add(MenuItem);
                }
            }
            connect.closeConnection();
            return list;
        }
    }
}
```

Tạo ViewComponents mới: MenuDynamicViewComponent.cs

ViewComponents/ MenuDynamicViewComponent.cs

```csharp
using Microsoft.AspNetCore.Mvc;
using ShopManager.DAL;
using ShopManager.Models;
```

```csharp
using System.Security.Claims;

namespace ShopManager.ViewComponents
{
    public class MenuDynamicViewComponent : ViewComponent
    {
        MenuDAL menuDAL = new MenuDAL();

        public IViewComponentResult Invoke()
        {
            List<MenuItem> listMenu = new List<MenuItem>();

            List<NavbarItem> navBar = new List<NavbarItem>();

            listMenu = menuDAL.GetAllMenu();

            // Sử dụng danh sách tạm thời để lưu các mục cần xóa
            var itemsToRemove = new List<MenuItem>();

            // Nếu không được phân quyền để truy cập trang Admin
            // Và đường dẫn Url của Menu chứa Area Admin
            foreach (var item in listMenu)
            {
                if (!item.isVisible)
                {
                    itemsToRemove.Add(item);
                }
            }

            // Xóa các phần tử không hợp lệ
            foreach (var item in itemsToRemove)
            {
                listMenu.Remove(item);
            }

            //Lấy Tất cả Menu
            foreach (var item in listMenu)
            {
                // Is Nav Bar Item
                if (item.ParentId == null)
                {
                    navBar.Add(
                        new NavbarItem()
                        {
                            Id = item.Id,
                            ParentId = item.ParentId,
                            Title = item.Title,
                            MenuUrl = item.MenuUrl,
                            MenuIndex = item.MenuIndex,
                            isVisible = item.isVisible,
                            subItems = new List<NavbarItem>(),
                        }
                    );
                }
            }
            //Laays menu Con
            foreach (var item in listMenu)
            {
                // Is Nav Bar Item
                if (item.ParentId != null)
                {
                    //Find Item Parent
                    var navbarParent = navBar.Find(p => p.Id == item.ParentId);

                    // if HasValue
```

```
                                if (navbarParent != null)
                                {
                                    // Add to List Dropdown Item
                                    navbarParent.subItems!.Add(
                                        new NavbarItem()
                                        {
                                            Id = item.Id,
                                            ParentId = item.ParentId,
                                            Title = item.Title,
                                            MenuUrl = item.MenuUrl,
                                            MenuIndex = item.MenuIndex,
                                            isVisible = item.isVisible,
                                            subItems = null
                                        }
                                    );
                                }
                            }
                    }
            Console.WriteLine(navBar);
            return View("MenuDynamic", navBar);
        }
    }
}
```

Tại Folder **Views/Shared/Components**, tại Folder mới: **MenuDynamic**

Tại View mới: **MenuDynamic.cshtml**

Mở file **Views/Shares/_LayoutCustomer.cshtml**

Copy thẻ `<!-- Navbar Start -->` ... `<!-- Navbar End -->`

Paste vào file **MenuDynamic.cshtml**

Hiển thị Model **NavbarItem**

Views/Shared/Components/MenuDynamic/MenuDynamic.cshtml

```
@model IEnumerable<ShopManager.Models.NavbarItem>

<!-- Navbar start -->
<div class="container-fluid fixed-top">
    <div class="container topbar bg-primary d-none d-lg-block">
        <div class="d-flex justify-content-between">
            <div class="top-info ps-2">
                <small class="me-3">
                    <i class="fas fa-map-marker-alt me-2 text-secondary"></i>
                    <a href="#" class="text-white">123 Street, New York</a>
                </small>
                <small class="me-3">
                    <i class="fas fa-envelope me-2 text-secondary"></i><a href="#"
class="text-white">Email@Example.com</a>
                </small>
            </div>
            <div class="top-link pe-2">
                <a href="#" class="text-white"><small class="text-white mx-
2">Privacy Policy</small>/</a>
                <a href="#" class="text-white"><small class="text-white mx-
2">Terms of Use</small>/</a>
                <a href="#" class="text-white"><small class="text-white ms-
2">Sales and Refunds</small></a>
            </div>
```

```
                </div>
        </div>
    <div class="container px-0">
        <nav class="navbar navbar-light bg-white navbar-expand-xl">
            <a href="index.html" class="navbar-brand"><h1 class="text-primary
display-6">Fruitables</h1></a>
                <button class="navbar-toggler py-2 px-3"
                      type="button"
                      data-bs-toggle="collapse"
                      data-bs-target="#navbarCollapse">
                <span class="fa fa-bars text-primary"></span>
                </button>
                <div class="collapse navbar-collapse bg-white" id="navbarCollapse">
                    <div class="navbar-nav mx-auto">
```

```
                    @foreach (var item in Model)
                    {
                        if (item.subItems?.Count() == 0)
                        {
                            <a href="@item.MenuUrl"
                                class="nav-item nav-link
                                        @(item!.MenuUrl == Context.Request.Path ?
"active" : "")">
                                @item.Title
                            </a>
                        }
                        else
                        {
                            <div class="nav-item dropdown">
                                <a href="#" class="nav-link dropdown-toggle" data-
bs-toggle="dropdown">@item.Title</a>
                                <div class="dropdown-menu m-0 bg-secondary
rounded-0">
                                    @foreach (var subItem in item!.subItems!)
                                    {
                                        <a href="@subItem.MenuUrl"
class="dropdown-item">@subItem.Title</a>
                                    }
                                </div>
                            </div>
                        }
                    }
```

```
                    @* <a asp-controller="Home" asp-action="index"
                        class="nav-item nav-link
@(ViewContext.RouteData.Values["Controller"]?.ToString() == "Home" ? "active" :
"")">Trang chủ</a>

                        <a asp-controller="Product" asp-action="index"
                        class="nav-item nav-link
@(ViewContext.RouteData.Values["Controller"]?.ToString() == "Product" ? "active" :
"")">Cửa hàng</a>

                        <a href="shop-detail.html" class="nav-item nav-link">Shop
Detail</a>
                        <div class="nav-item dropdown">
                        <a href="#" class="nav-link dropdown-toggle" data-bs-
toggle="dropdown">Pages</a>
                        <div class="dropdown-menu m-0 bg-secondary rounded-0">
                        <a href="cart.html" class="dropdown-item">Cart</a>
                        <a href="chackout.html" class="dropdown-item">Chackout</a>
                        <a href="testimonial.html" class="dropdown-
item">Testimonial</a>
                        <a href="404.html" class="dropdown-item">404 Page</a>
                        </div>
```

```
                              </div>
                              <a href="contact.html" class="nav-item nav-link">Contact</a>
                              <a asp-area="Admin" asp-controller="ProductAdmin" asp-
action="Index" class="nav-item nav-link">Admin</a> *@
                    </div>
                    <div class="d-flex m-3 me-0">
                        <button class="btn-search btn border border-secondary btn-md-
square rounded-circle bg-white me-4"
                                data-bs-toggle="modal"
                                data-bs-target="#searchModal">
                            <i class="fas fa-search text-primary"></i>
                        </button>
                        <a href="#" class="position-relative me-4 my-auto">
                            <i class="fa fa-shopping-bag fa-2x"></i>
                            <span class="position-absolute bg-secondary rounded-circle
d-flex align-items-center justify-content-center text-dark px-1"
                                  style="top: -5px; left: 15px; height: 20px; min-
width: 20px">3</span>
                        </a>
                        <a asp-area="" asp-controller="Customer" asp-action="Profile"
class="my-auto">
                            <i class="fas fa-user fa-2x"></i>
                        </a>
                    </div>
                </div>
            </nav>
        </div>
</div>
<!-- Navbar End -->
```

Thêm View Component **MenuDynamic** tại _LayoutCustomer.cshtml

Views/Shares/_LayoutCustomer.cshtml

```
<!DOCTYPE html>

<html>
<head>
    ..
</head>
<body>
    <!-- Spinner Start -->
    <div id="spinner"
        ..
    </div>
    <!-- Spinner End -->

    <!-- Navbar Start -->
    @await Component.InvokeAsync("MenuDynamic")
    <!-- Navbar End -->

    <!-- Modal Search Start -->
    <div class="modal fade" id="searchModal" tabindex="-1" aria-
labelledby="exampleModalLabel" aria-hidden="true">
        ..
    </div>
    <!-- Modal Search End -->

    <div style="min-height:600px">
        @RenderBody()
    </div>

    <!-- Footer Start -->
    <div class="container-fluid bg-dark text-white-50 footer pt-5 mt-5">
```

```html
            ..
    </div>
    <!-- Footer End -->
    <!-- Back to Top -->
    <a href="#" class="btn btn-primary border-3 border-primary rounded-circle
back-to-top">
        <i class="fa fa-arrow-up"></i>
    </a>


    <!-- JavaScript Libraries -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"
></script>
    <script src="~/lib/easing/easing.min.js"></script>
    <script src="~/lib/waypoints/waypoints.min.js"></script>
    <script src="~/lib/lightbox/js/lightbox.min.js"></script>
    <script src="~/lib/owlcarousel/owl.carousel.min.js"></script>

    <!-- Template Javascript -->
    <script src="~/js/main.js"></script>
</body>
</html>
```

--- THE END ---