

PRACTICE #05

Course: Web Programming

Lesson: Display detailed news page

A. Objectives

- Connect to **tblPost** table for displaying detailed content of a post.

The screenshot shows a website layout for a news or entertainment site. At the top is a navigation bar with links: Home, Category, About, Latest News, Contact, and Pages. Below the navigation is a red banner labeled "TRENDING NOW" containing the text "Spondon IT sit amet, consectetur...". The main content area features a large image of three musicians performing live on stage. Below the image is a headline: "Here come the moms in space". Underneath the headline is a paragraph of text: "Moms are like...buttons? Moms are like glue. Moms are like pizza crusts. Moms are the ones who make sure things happen—from birth to school lunch." Another paragraph follows: "Moms are like...buttons? Moms are like glue. Moms are like pizza crusts. Moms are the ones who make sure things happen—from birth to school lunch." At the bottom of the main content is a longer, multi-line paragraph: "My hero when I was a kid was my mom. Same for everyone I knew. Moms are untouchable. They're elegant, smart, beautiful, kind...everything we want to be. At 29 years old, my favorite compliment is being told that I look like my mom. Seeing myself in her image, like this daughter up top, makes me so proud of how far I've come, and so thankful for where I come from. the refractor telescope uses a convex lens to focus the light on the eyepiece. The". To the right of the main content is a sidebar titled "Follow Us" with links to Facebook, Twitter, Instagram, and YouTube, each showing 8,045 fans. Below the sidebar is a promotional box for "MUSIC EVENTS LIVE IN CONCERT" featuring a man in a hat and sunglasses, with details about a concert at CANDLESTICK PARK, San Francisco, CA, on November 26th, and a link to "Ticket Info".

B. Requirements

- You must complete exercise number 4 before doing this exercise

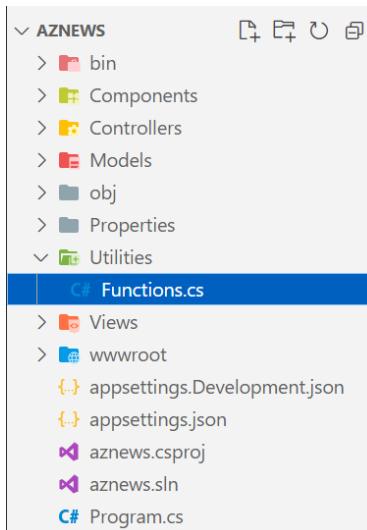
C. Instruction

1. Install the package **SlugGenerator**

- Open the folder aznew
- Open terminal windows, using this command:

dotnet add package SlugGenerator

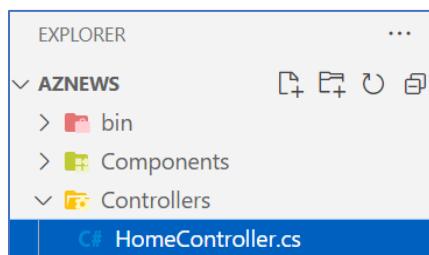
2. Create **Utilities** folder, add a class **Functions.cs**



- Add the below method in the class Functions.cs

```
6  namespace aznews.Utilities
7  {
8      0 references
9      public class Functions
10     {
11         0 references
12         public static string TitleSlugGeneration(string type, string? title, long id)
13         {
14             return type + "-" + SlugGenerator.SlugGenerator.GenerateSlug(title) + "-" + id.ToString() + ".html";
15         }
16     }
17 }
```

3. Open **HomeController.cs** in the folder **Controllers**



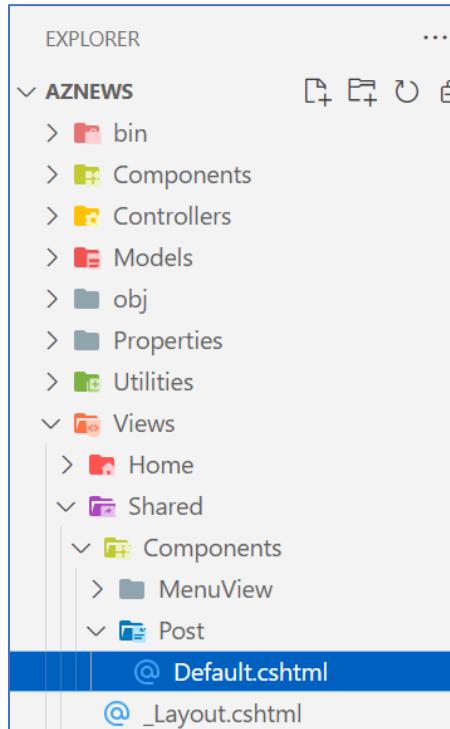
- Modify the following code in HomeController.cs

```
C# HomeController.cs X
Controllers > C# HomeController.cs > HomeController
6
7     public class HomeController : Controller
8
9         1 reference
10        private readonly ILogger<HomeController> _logger;
11
12        1 reference
13        private readonly DataContext _context;
14
15        0 references
16        public HomeController(ILogger<HomeController> logger, DataContext context)
17        {
18            _logger = logger;
19            _context = context;
20        }
21
22
23        0 references
24        public IActionResult Index()
25        {
26            return View();
27        }
28
29
30
31
32
33
34
35
```

- Create an action named **Details(..)** in HomeController.cs as follows

```
Controllers > C# HomeController.cs > HomeController > Error
7     public class HomeController : Controller
8
9         0 references
10        public IActionResult Index()
11        {
12            return View();
13        }
14
15
16
17        [Route("/post-{slug}-{id:long}.html", Name = "Details")]
18        0 references
19        public IActionResult Details(long? id)
20        {
21            if (id == null) return NotFound();
22            var post = _context.viewPostMenus
23                .FirstOrDefault(m => (m.PostID == id) && (m.IsActive == true));
24            if (post == null) return NotFound();
25            return View(post);
26        }
27
28
29
30
31
32
33
34
35
```

4. Open Default.cshtml in Views/Shared/Components/Post



- Add a row as follows

```
@ Default.cshtml X  
Views > Shared > Components > Post > @ Default.cshtml  
1 @using aznews.Models;  
2 @using aznews.Utilities;  
3 @model IList<viewPostMenu>
```

- Add the following information in Trending title

```
8     <!-- Trending Title -->  
9     <div class="row">  
10    <div class="col-lg-12">  
11      <div class="trending-tittle">  
12        <strong>Tin nổi bật</strong>  
13        <div class="trending-animated">  
14          <ul id="js-news" class="js-hidden">  
15            @foreach (var t in trend)  
16            {  
17              var trend = Model.Take(3).ToList();  
18              foreach (var t in trend)  
19              {  
20                string url = Functions.TitleSlugGeneration("post", t.Title, t.PostID);  
21                <li class="news-item"><a href="/@url">@t.Title</a></li>  
22              }  
23            }  
24          </ul>  
25        </div>  
26      </div>  
27    </div>
```

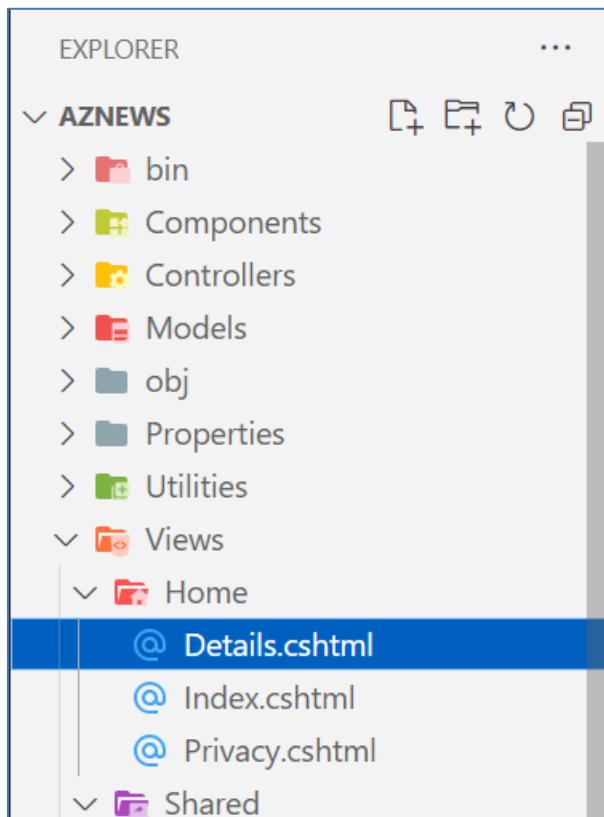
- Do the same for Trending top, Trending bottom, and Right content.

```
<!-- Trending Top -->
<div class="trending-top mb-30">
    <div class="trend-top-img">
        @{
            var firstNews = Model.Take(1).ToList();
            foreach (var f in firstNews)
            {
                string url = Functions.TitleSlugGeneration("post", f.Title, f.PostID);
                
                <div class="trend-top-cap">
                    <span>@f.MenuName</span>
                    <h2><a href="/@url">@f.Title</a></h2>
                </div>
                Model.RemoveAt(0); 
            }
        </div>
    </div>
</div>

<div class="trending-bottom">
    <div class="row">
        @{
            var threeNews = Model.Take(3).ToList();
            foreach (var t in threeNews)
            {
                string url = Functions.TitleSlugGeneration("post", t.Title, t.PostID);
                <div class="col-lg-4">
                    <div class="single-bottom mb-35">
                        <div class="trend-bottom-img mb-30">
                            
                        </div>
                        <div class="trend-bottom-cap">
                            <span class="color1">@t.MenuName</span>
                            <h4><a href="/@url">@t.Title</a></h4>
                        </div>
                    </div>
                    Model.RemoveAt(0); 
                }
            }
        </div>
    </div>
</div>

<!-- Right content -->
<div class="col-lg-4">
    @{
        var rightNews = Model.ToList();
        foreach (var r in rightNews)
        {
            string url = Functions.TitleSlugGeneration("post", r.Title, r.PostID);
            <div class="trand-right-single d-flex">
                <div class="trand-right-img">
                    
                </div>
                <div class="trand-right-cap">
                    <span class="color1">@r.MenuName</span>
                    <h4><a href="/@url">@r.Title</a></h4>
                </div>
            </div>
        }
    </div>
</div>
```

5. Add view **Details.cshtml** in **Views/Home**



- Open **details.html** in the folder **aznews** template (in any text editor)

| Name | Date modified | Type | Size |
|---------------|---------------------|----------------------|-------|
| assets | 29/02/2024 9:39 AM | File folder | |
| about.html | 12/03/2020 6:13 PM | Microsoft Edge HT... | 23 KB |
| blog.html | 12/03/2020 6:13 PM | Microsoft Edge HT... | 32 KB |
| categori.html | 12/03/2020 6:13 PM | Microsoft Edge HT... | 43 KB |
| contact.html | 12/03/2020 6:13 PM | Microsoft Edge HT... | 50 KB |
| details.html | 12/03/2020 6:13 PM | Microsoft Edge HT... | 29 KB |
| elements.html | 12/03/2020 6:13 PM | Microsoft Edge HT... | 40 KB |
| index.html | 29/02/2024 10:54 AM | Microsoft Edge HT... | 73 KB |

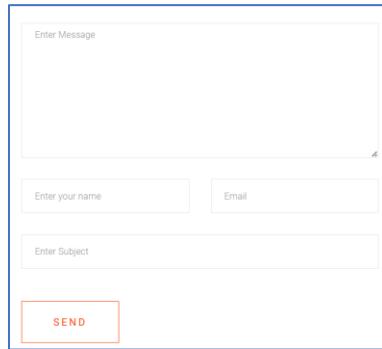
- Copy all content from <main> ... </main> (CTRL+C)

```
136         </div>
137     </div>
138     <!-- Header End -->
139   </header>
140
141 > ....<main>...
305 ....</main>
306
307   <footer>
308     <!-- Footer Start-->
309     <div class="footer-area footer-padding fix">
310       <div class="container">
```

- Open view **Details.cshtml** in **Views/Home**, paste the copied content (CTRL+V)
- The content in Details.cshtml is as follows, remember delete lines from 5 to 21 (Hot Animated News Title)

```
@ Details.cshtml X
Views > Home > @ Details.cshtml
1   <main>
2     <!-- About US Start -->
3     <div class="about-area">
4       <div class="container">
5         <!-- Hot Animated News Tittle-->
6         <div class="row">
7           <div class="col-lg-12">
8             <div class="trending-tittle">
9               <strong>Trending now</strong>
10              <!-- <p>Rem ipsum dolor sit amet, consectetur adipisicen...
11              <div class="trending-animated">
12                <ul id="js-news" class="js-hidden">
13                  <li class="news-item">Bangladesh dolor sit ame...
14                  <li class="news-item">Spondon IT sit amet, ...
15                  <li class="news-item">Rem ipsum dolor sit ame...
16                </ul>
17              </div>
18            </div>
19          </div>
20        </div>
21      </div>
22      <div class="row">
23        <div class="col-lg-8">
```

- If you do not want the comments section:



you can delete the following lines:

<!-- From --> <div class="row">... </div> as follows

| | | | | | | |
|----|---|--|--|--|--|-----------------------|
| 61 | | | | | | <!-- From --> |
| 62 | > | | | | | <div class="row"> ... |
| 92 | | | | | | </div> |

6. Add model to the first line of Details.cshtml

```
@ Details.cshtml X
Views > Home > @ Details.cshtml
1     @model aznews.Models.viewPostMenu;
2     <main>
3         <!-- About US Start -->
4         <div class="about-area">
5             <div class="container">
6                 <div class="row">
7                     <div class="col-lg-8">
```

The screenshot shows the 'Details.cshtml' file in a code editor. The first line of code, `@model aznews.Models.viewPostMenu;`, is highlighted with a red rectangle. The rest of the code is visible below it, including the main structure for displaying a post.

7. Modify code in Detail.cshtml as follows (remember to delete some HTML code in Trending Title)

```
8     <!-- Trending Tittle -->
9     <div class="about-right mb-90">
10        <div class="about-img">
11            
12        </div>
13        <div class="section-tittle mb-30 pt-30">
14            <h3>@Html.DisplayFor(model => model.Title)</h3>
15        </div>
16        <div class="about-prea">
17            <p class="about-pera1 mb-25">
18                @Html.Raw(Model.Contents)
19            </p>
20        </div>
21        <div class="social-share pt-30">
22            <div class="section-tittle">
23                <h3 class="mr-20">Share:</h3>
24                <ul>
25                    <li><a href="#"></a>The screenshot shows the 'Detail.cshtml' file in a code editor. Several lines of code are underlined in red: `@Html.DisplayFor(model => model.Images)` in the `` tag, `@Html.DisplayFor(model => model.Title)` in the `

### ` tag, `@Html.Raw(Model.Contents)` in the ` ` tag, and the entire `ul` element under the 'Share:' heading.


```

- Check your code, and have fun! 😊