
AEM Training - Day 9 Assignment (28-03-2025)

Newsroom Portfolio Website

1. Header:

- **Pages:**
 - Create pages: News (5 pages), About Me, Contact Me, Homepage.
 - Ensure "News" has a drop-down menu.
 - Apply proper styling.

Implementation Steps:

1. Go to **AEM Sites** → **Create pages** for Home, About Me, Contact Me, and News (5 pages under /content/news).
2. Add the **OOTB Header Component** to the template.
3. Modify the navigation structure to include News (as a drop-down) and other pages.
4. Apply **CSS** for styling.

Custom Header Component (Example Code for Navigation):

```
<nav class="newsroom-header">
```

```
<ul>
```

```
<li><a href="/content/home.html">Home</a></li>
```

```
<li>
```

```
<a href="/content/news.html">News</a>
```

```
<ul>
```

```
<li><a href="/content/news/news1.html">News 1</a></li>
```

```
<li><a href="/content/news/news2.html">News 2</a></li>
```

```
<li><a href="/content/news/news3.html">News 3</a></li>
```

```
<li><a href="/content/news/news4.html">News 4</a></li>
<li><a href="/content/news/news5.html">News 5</a></li>
</ul>
</li>
<li><a href="/content/about-me.html">About Me</a></li>
<li><a href="/content/contact-me.html">Contact Me</a></li>
</ul>
</nav>
```

2. Footer:

Sections:

- About Me
- Contact Me
- Latest 5 News (with hyperlinks, open in a new tab)
- Social Media Links

Implementation Steps:

1. Add the **OOTB Footer Component** at the template level.
2. Modify the footer to include the sections above.

Footer Component Code Example:

```
<footer>
<div class="footer-section">
  <h3>About Me</h3>
  <p>Journalist with experience in investigative reporting.</p>
</div>
<div class="footer-section">
  <h3>Latest News</h3>
```

```
<ul>

  <li><a href="/content/news/news1.html" target="_blank">News 1</a></li>

  <li><a href="/content/news/news2.html" target="_blank">News 2</a></li>

  <li><a href="/content/news/news3.html" target="_blank">News 3</a></li>

  <li><a href="/content/news/news4.html" target="_blank">News 4</a></li>

  <li><a href="/content/news/news5.html" target="_blank">News 5</a></li>

</ul>

</div>

<div class="footer-section">

  <h3>Follow Me</h3>

  <a href="#">Twitter</a> | <a href="#">LinkedIn</a>

</div>

</footer>
```

3. Home Page:

Use the **Teaser Component** to showcase an award ceremony for journalists. Include an image, title, description, and a CTA (linking to a detailed news page).

Implementation Steps:

1. Use the **OOTB Teaser Component** in AEM.
2. Configure it with an image, title, and description.
3. Add a CTA button linking to a detailed news page.

Example Teaser Code:

```
<div class="teaser">

  

  <h3>Investigative Journalism Award 2025</h3>

  <p>Recognizing excellence in journalism.</p>
```

```
<a href="/content/news/award-details.html" class="cta-button">Read More</a>
</div>
```

4. News Page:

Create a **NewsRoom Component** to fetch news articles from /content/news. News should be displayed as cards (Title, News Details, Image).

Implementation Steps:

1. Create news article pages under /content/news.
2. Develop a custom **NewsRoom Component**.
3. Fetch and display news dynamically using **Sling models**.

NewsRoom Component (Java Code):

```
@Model(adaptables = Resource.class)

public class NewsRoomModel {

    @Inject @Via("resource")

    private List<Resource> newsList;


    public List<NewsArticle> getNewsArticles() {

        List<NewsArticle> articles = new ArrayList<>();

        for (Resource news : newsList) {

            articles.add(new NewsArticle(news));

        }

        return articles;

    }

}
```

HTL Code for News Cards:

```
<sly data-sly-use.model="com.example.models.NewsRoomModel" />
```

```
<div class="news-container">

  <sly data-sly-list.article="{model.newsArticles}">

    <div class="news-card">

      

      <h3>{article.title}</h3>

      <p>{article.description}</p>

      <a href="{article.link}">Read More</a>

    </div>

  </sly>

</div>
```

5. About Me Page:

Use the **Journalist Component** to showcase journalist information.

Implementation Steps:

1. Develop a simple component for the journalist's bio.
2. Include profile image, description, and social links.

Example HTL Code for Journalist Component:

```
<div class="journalist-profile">

  

  <h2>John Doe</h2>

  <p>Experienced journalist covering global events.</p>

  <a href="#">LinkedIn</a> | <a href="#">Twitter</a>

</div>
```

6. Contact Me Page:

Use **Text** or **Teaser Components** to display contact details and social media links.

Implementation Steps:

1. Add OOTB **Text Component** to include contact details.
2. Include social media links.

Example Contact Section Code:

```
<div class="contact-section">  
  
  <h3>Contact Me</h3>  
  
  <p>Email: journalist@example.com</p>  
  
  <p>Phone: +1 234 567 890</p>  
  
  <a href="#">Twitter</a> | <a href="#">LinkedIn</a>  
  
</div>
```

Final Notes:

- **Header & Footer** should be implemented at the template level.
 - The **Home Page** can use the OOTB **Content Page Template**.
 - The **News Page** should use the custom **Book Page Template**.
 - Ensure all news articles are structured under `/content/news`.
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 **Assignment Completed!**