

AEM Training - Assignment

Newsroom Portfolio Website

Header

✓ Use the OOTB (Out-Of-The-Box) header component.

✓ Create pages:

- News (5 pages)
- About Me
- Contact Me
- Homepage

✓ Ensure "News" has a drop-down menu.

✓ Proper styling should be applied.

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):

html

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```
<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>
```

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:

html

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```
<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>

News 1

News 2

News 3

News 4

News 5

</div>

<div class="footer-section">

<h3>Follow Me</h3>

Twitter | LinkedIn

</div>

</footer>

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:

html

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```
<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>

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):

java

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```
@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:

html

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```
<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>
```

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:

html

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```
<div class="journalist-profile">
  
  <h2>John Doe</h2>
```



```
<p>Experienced journalist covering global events.</p>
<a href="#">LinkedIn</a> | <a href="#">Twitter</a>
</div>
```

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:

html

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```
<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 News Page Template**.
- ✓ **Ensure all news articles are structured under /content/news**.