

AEM Training - Day 5 Assignment (24-03-2025)

Creating News Articles:

We will be creating structured News Articles within AEM, organized under a dedicated section.

Steps:

- Navigate to /content/us/en/news in AEM.
- Create five distinct news pages, each with:
 - Headline (<h2>)
 - Article Content (<p>)
 - Publication Date

Adding the News Component:

The News Component will be used to dynamically display the news articles.

Steps:

- Utilize the existing News Component to render the articles.
- Ensure the component includes:
 - Headline (<h2>) with unique styling.
 - Article Content (<p>) to display the details.
 - Publication Date with correct formatting.
 - Maintain a responsive, visually appealing layout.

Code Snippet (NewsComponent.html):

```
<div class="news-item">  
  <h2>${newsModel.headline}</h2>  
  <p>${newsModel.content}</p>  
  <span>${newsModel.publicationDate}</span>  
</div>
```

Setting Up the Header Description:

A Header Experience Fragment will be created to ensure seamless navigation across pages.

Steps:

- Create a Header Fragment.
- Include navigation links to:
 - News Section (linking to the news pages)
 - About Me page
 - Contact Us page

Configuring the Footer:

A Footer Experience Fragment will be set up with multiple sections for better structure.

Sections:

Latest News Section:

Use a List Component to display recent news articles.

About Me Section:

Add a Text Component with journalist details.

Contact Section:

Include office address, phone number, or email.

Social Media Section:

Use a List Component to display social media links.

Developing a Custom Service:

A custom OSGi Service will be created to return a simple response.

Steps:

- Create an OSGi service class in Java.
- Inject the service into the News Component's Sling Model.
- Log the service output in the AEM logs.

Code Snippet (HelloWorldService.java):

```

@Designate(ocd = HelloWorldConfig.class)

@Component(service = HelloWorldInt.class)

public class HelloWorldService {

    public String getMessage() {

        return "Hello World from Custom Service";

    }

}

```

Implementing API Configuration:

We will develop an API configuration to store third-party API URLs and fetch data.

Steps:

- Define an OSGi configuration for API URLs.
- Fetch JSON data from a sample API.
- Log the response in AEM logs.

Example API:

<https://jsonplaceholder.typicode.com/posts>

Screenshots:



