**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";

   }

}
```

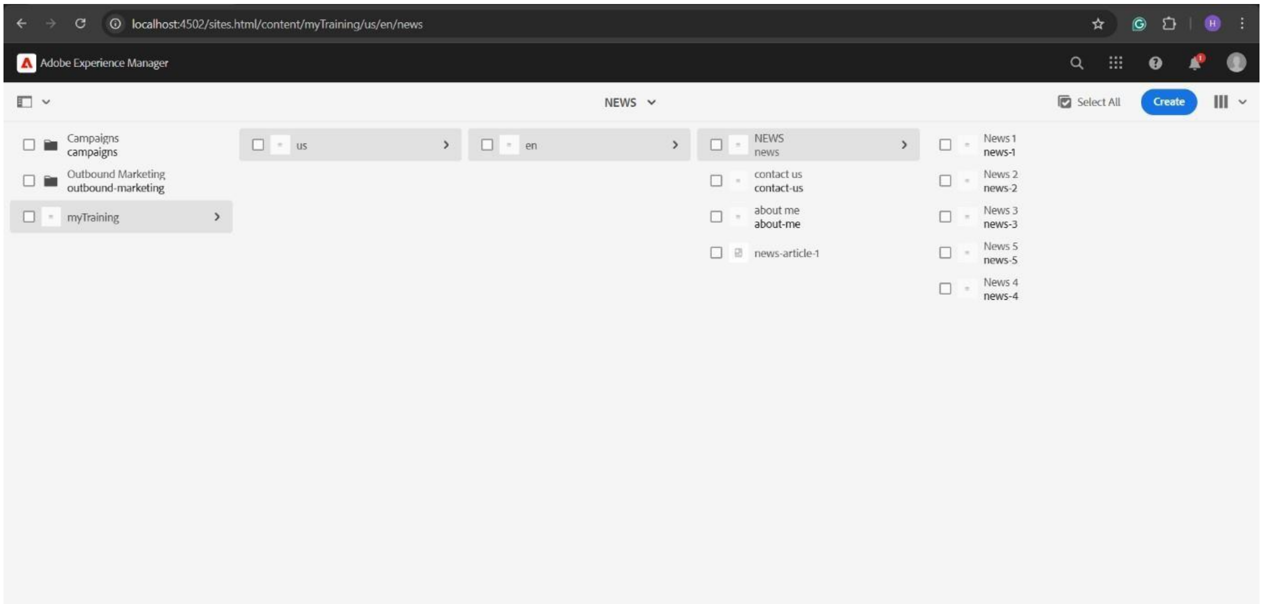
**Implementing API Configuration:**

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

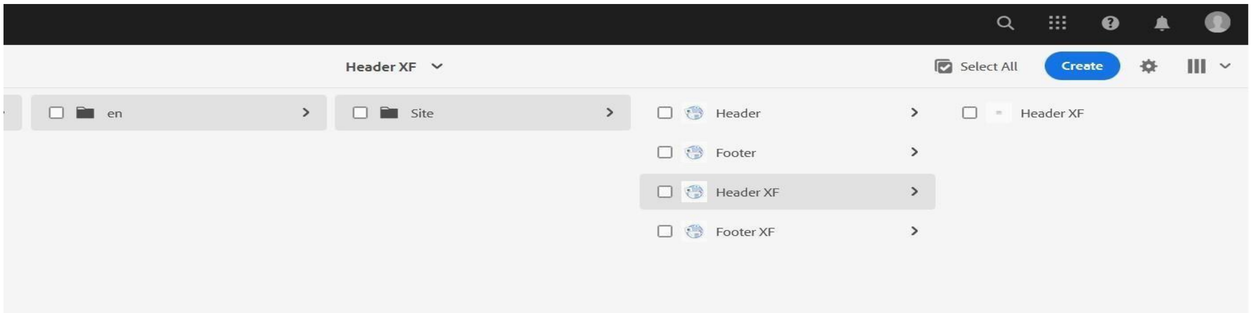
- Define an OSGi configuration for API URLs.
- Fetch JSON data from a sample API.
- Log the response in AEM logs.

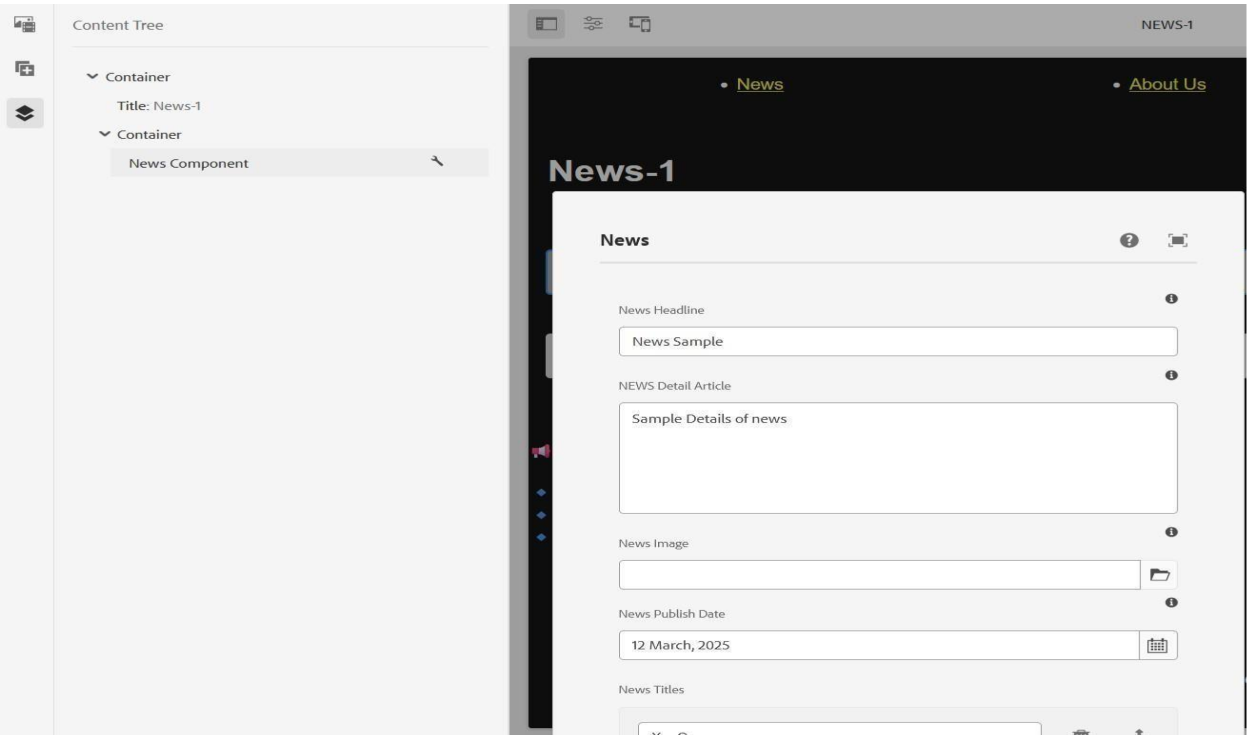
**Example API:** https://jsonplaceholder.typicode.com/posts

**Screenshots:**



localhost:4502/sites.html/content/myTraining/us/en/news





News

News Headline

News Sample

NEWS Detail Article

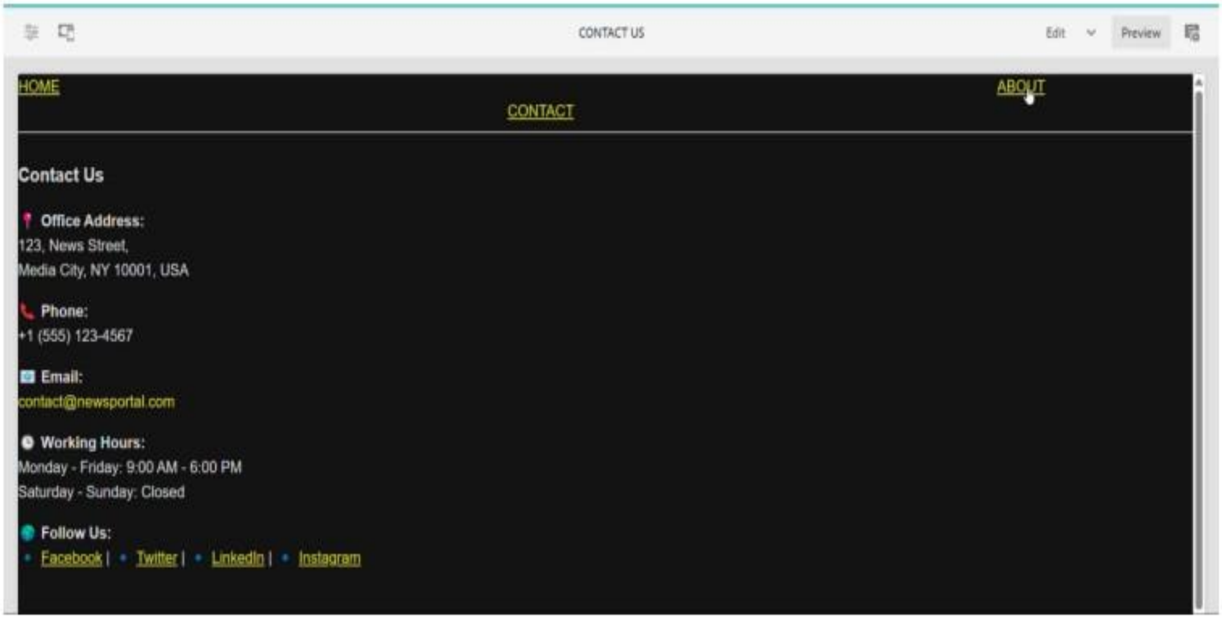
Sample Details of news

News Image

News Publish Date

12 March, 2025

News Titles



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Saturday - Sunday: Closed

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