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 ()
- 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 () 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>
  ${newsModel.content}
  <span>${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:







