Date: 24/03/2025

#### Table of Contents

- 1. Create 5 News Article Pages
- 2. Use News Component
- 3. Create Header Experience Fragment
- 4. Create Footer Experience Fragment
- 5. Create Custom Service
- 6. Create Custom Configuration

## 1. Create 5 News Article Pages

# Steps:

- 1. Access the CMS Dashboard: Log into the content management system (CMS) and navigate to the "Pages" section.
- 2. Create a New Page: Click on "Create New Page" and select the "News Article" template.

#### 3. Enter Article Details:

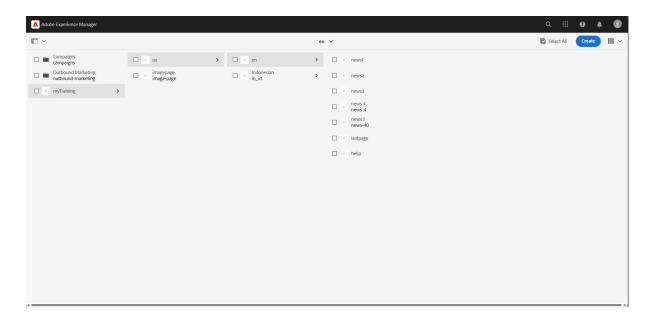
- o Add a title that reflects the article's content.
- o Write a body with relevant information and formatting.
- o Upload and insert images to enhance readability.
- o Add tags and metadata for better searchability.

# 4. Apply Formatting & Styling:

- Use headers, bullet points, and paragraphs for structured content.
- o Embed videos or links if necessary.

### 5. Preview & Optimize:

- o Check for grammar and spelling mistakes.
- Ensure the page is mobile-responsive.
- 6. Publish the Article: Save and publish the article.
- 7. Repeat the Process: Follow the same steps to create five unique articles.



# 2. Use News Component

### Steps:

1. Navigate to the CMS Editor: Open the editor for a newly created or existing News Article Page.

- 2. Locate the News Component: Find the "News Component" in the component panel.
- 3. **Drag & Drop**: Place the News Component in the desired section of the page.

# 4. Configure the Component:

- o Set the number of articles to display.
- o Choose layout options (grid, list, or carousel view).
- o Define sorting (latest, most popular, or custom order).
- 5. Enable Dynamic Content Fetching (if required): Connect to an API or database to fetch news dynamically.
- 6. Save & Publish Changes: Ensure the component appears correctly on the published page.

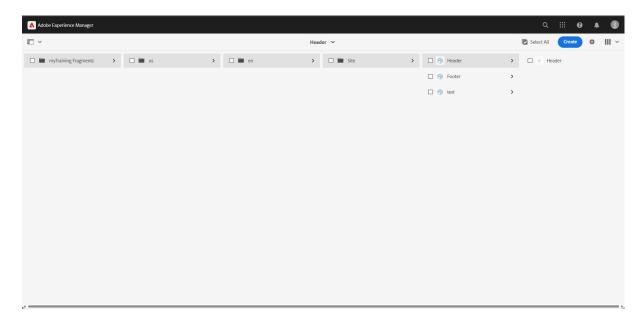
News Title	
political	
News Detail	
about election!	
Published Date	
March 20 2025	
Source	
www.infoplease.com	

# 3. Create Header Experience Fragment

# Steps:

- 1. Navigate to Experience Fragments: Go to the "Experience Fragments" section in the CMS.
- 2. Create a New Fragment: Click "Create New Fragment" and select the "Header Template."
- 3. Add Header Elements:

- o Logo: Insert and align the company logo.
- Navigation Menu: Add links to main sections (Home, News, Contact, etc.).
- o Search Bar: Enable a search feature if applicable.
- o User Profile/Login: Include login or signup options if required.
- 4. Customize Styling: Adjust fonts, colors, and spacing to match the brand identity.
- 5. Save & Publish the Header Fragment.
- 6. Apply to Relevant Pages: Reference the Header Fragment in templates or master pages.



# 4. Create Footer Experience Fragment

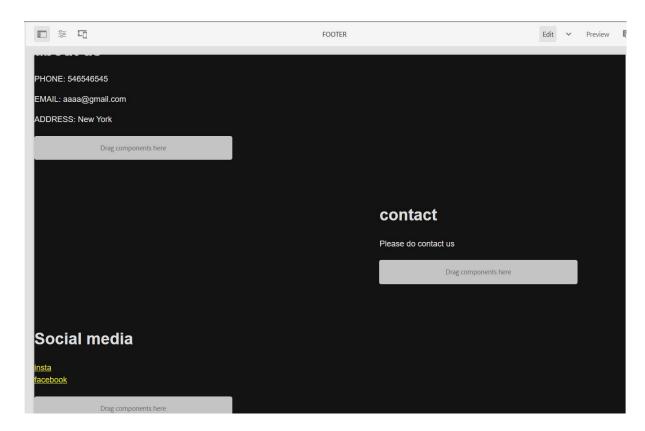
### Steps:

1. Go to Experience Fragments: Navigate to "Experience Fragments" in the CMS.

2. Create a New Fragment: Click "Create New Fragment" and choose the "Footer Template."

#### 3. Add Footer Elements:

- o Company Information: Name, address, and contact details.
- Quick Links: Shortcuts to important pages (Privacy Policy, About Us, etc.).
- Social Media Links: Icons with external links to social media platforms.
- o Copyright Notice: Add a statement to indicate ownership.
- 4. Style the Footer: Apply consistent styling with the header.
- 5. Save & Publish the Footer Fragment.
- 6. Apply to Relevant Pages: Ensure the footer appears across the website.



### 5. Create Custom Service

### Steps:

1. Open Development Environment: Use an Integrated Development Environment (IDE) such as Visual Studio Code or IntelliJ.

#### 2. Create a New Service Class:

- Define a new service in the backend framework (Java, Node.js, Python, etc.).
- o Name it appropriately (e.g., NewsService).

### 3. Implement Business Logic:

- o Fetch data from a database or API.
- o Process and return results based on requirements.
- Handle errors and logging.

#### 4. Test the Service:

- Write and execute unit tests.
- o Debug and fix any issues found.

### 5. Deploy to the Server:

- o Integrate with the application.
- Push to the production server after testing.

### 6. Create Custom Configuration

#### Steps:

- 1. Access Configuration Files: Navigate to the configuration directory in the CMS or backend framework.
- 2. Create a New Configuration Entry:
  - o Define the required settings.
  - o Use environment-specific variables where necessary.
- 3. Apply Configurations to Components: Ensure new settings are properly referenced in the application.
- 4. Validate & Test Configurations:
  - Check for syntax errors.
  - o Perform tests to ensure functionality.
- 5. Save & Deploy Changes: Commit changes and update the live environment.