28.3.25

Newsroom Portfolio Website Assignment

Abstract :

The Newsroom Portfolio Website is designed to showcase the latest news, press releases, media content, and organizational information in a clean, professional, and responsive layout. This website serves as a digital newsroom for organizations to manage and present their content effectively to a broader audience.

Features of the Newsroom Portfolio Website :

The Newsroom Portfolio Website comes with a range of features aimed at enhancing user engagement and content management. It boasts a responsive design, ensuring optimal viewing on desktops, tablets, and smartphones. The dynamic news section allows for the display of the latest articles with headlines, summaries, and media previews. A dedicated press releases and media gallery section organizes and presents official announcements and visual content for easy access. The website includes a robust search functionality, enabling users to find specific news articles or press releases quickly. Additionally, it features an interactive contact form for direct communication with the newsroom team, fostering audience engagement. A well-structured navigation bar ensures easy access to different sections, while an SEO-friendly structure improves search engine visibility, driving organic traffic.

1. Header Implementation

- **Utilize the Out-of-the-Box (OOTB) Header Component:**
  Leverage AEM's pre-built header component to maintain consistency and reduce development time.
- **Navigation Setup:**
  Add key navigation links to guide users seamlessly through the website:
  - **Home** – The main landing page.
  - **News** – A dropdown menu showcasing 5 curated news articles.
  - **About Me** – A section to introduce the journalist.
  - **Contact Me** – Provides contact details and interaction options.
- **Styling with Clientlibs:**
  Apply custom styles using AEM Client Libraries (Clientlibs) to ensure proper layout, responsive design, and smooth dropdown functionality.

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2. Footer Implementation

- **Footer Structure:**
  Organize the footer into distinct sections to enhance accessibility and content discovery:
  - **About Me** – A brief overview or bio section.
  - **Contact Me** – Display contact details with icons for easy access.
  - **Latest 5 News** – Dynamically fetch and showcase the latest 5 news articles, each opening in a new tab.
  - **Social Media Links** – Include icons linking to social profiles for broader connectivity.

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3. Home Page Implementation

- **Leverage the OOTB Teaser Component:**
  Use the built-in Teaser Component to highlight key content, such as an award ceremony for journalists.
- **Teaser Content Structure:**
  - **Image** – A captivating visual related to the award ceremony.
  - **Title** – A catchy headline to grab attention.
  - **Description** – A brief summary or teaser of the event.
  - **Call-to-Action (CTA) Button** – A button linking users to the detailed news page.

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4. News Page Implementation

- **Develop a Custom NewsRoom Component:**
  Create a component that dynamically fetches and displays news articles from the /content/news directory.
- **Article Layout:**
  Each news article should include:
  - **Title** – Headline of the news.
  - **News Details** – A concise description of the article.
  - **Image** – Supporting visuals to enhance the narrative.
- **Dynamic News Display:**
  The NewsRoom Component will automatically pull articles from the specified path, presenting them as dynamic news cards with titles, images, and summaries.

5. News Article Pages Implementation

- **Content Structure:**
  Create individual news articles under the /content/news/ hierarchy.
- **Authoring Components:**
  Each page should be built using:
  - **Title Component** – To display the article’s heading.
  - **Image Component** – For relevant visuals.
  - **Text Component** – To add detailed content and descriptions.
- **Dynamic Content Rendering:**
  The NewsRoom Component will fetch these pages dynamically, ensuring real-time updates to the news section.

6. About Me Page Implementation

- **Custom Journalist Component:**
  Develop a tailored component to showcase the journalist’s profile, including their bio, achievements, and relevant details.
- **Content Personalization:**
  This page should reflect the journalist’s unique voice, career highlights, and professional accomplishments.

7. Contact Me Page Implementation

- **Flexible Content Components:**
  Use components like the Text Component or Teaser Component to display contact information.
- **Social Media Integration:**
  Include interactive social media links to enhance connectivity and engagement with the audience.

8. Template-Level Configuration

- **Base Page Template:**
  Integrate the header and footer into the Base Page Template, ensuring they appear consistently across all pages.
- **Template Assignments:**

    - Use the OOTB Content Page Template for the homepage to maintain standard content structure.
    - Apply the Book Page Template for the news section, aligning with the assignment requirements for content hierarchy and presentation.

writer-profile.html

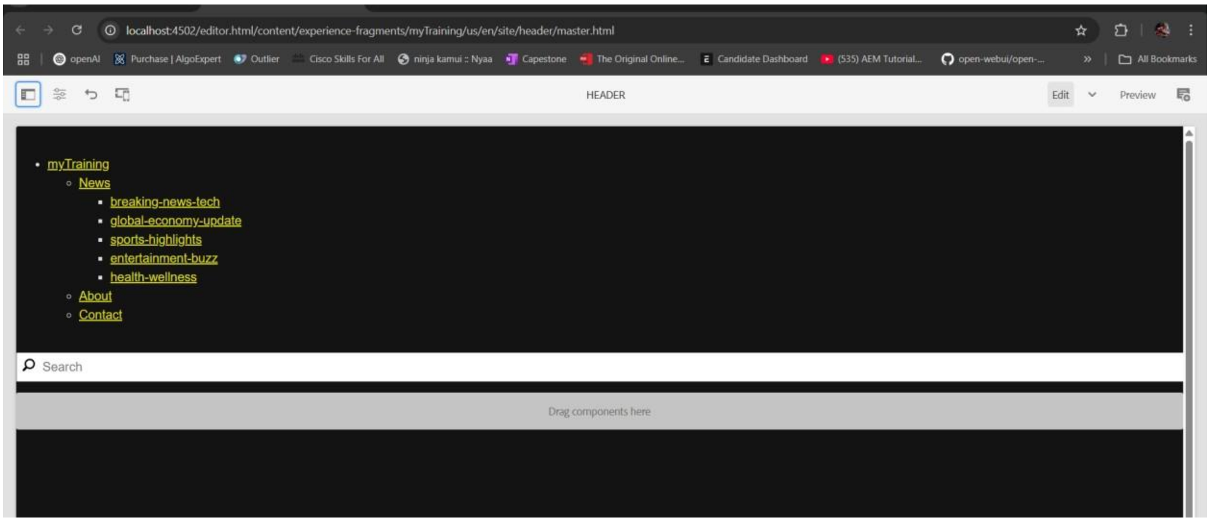
```
<div class="writer-profile" data-component="writer-profile" data-sly-use.model="com.NewsroomPortfolio.core.models.WriterProfile">
<h2 class="writer-profile__header">Writer Profile</h2>
 <div class="writer-profile__section" data-sly-test="${properties.writerName}">
 <p class="writer-profile__label">Name:</p>
<pre class="writer-profile__content">${properties.writerName}</pre>
  </div>
 <div class="writer-profile__section" data-sly-test="${properties.bio}">
<p class="writer-profile__label">About:</p>
<pre class="writer-profile__content">${properties.bio}</pre>
</div>
</div>
```

profile-component.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<jcr:root xmlns:cq="http://www.day.com/jcr/cq/1.0"
        xmlns:jcr="http://www.jcp.org/jcr/1.0"
        jcr:primaryType="cq:Component"
        jcr:title="Writer Profile Component"
        componentGroup="NewsroomPortfolio - Content"/>
```

WriterProfileModel.java

```
package com.NewsroomPortfolio.core.models;
import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.DefaultInjectionStrategy;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;
import javax.inject.Inject;

@Model(adaptables = Resource.class, defaultInjectionStrategy =
DefaultInjectionStrategy.OPTIONAL)

public class WriterProfileModel {

 @Inject

  @ValueMapValue

    private String writerName;

@Inject

    @ValueMapValue

    private String bio;

public String getWriterName() {

        return writerName;

    }

public String getBio() {

        return bio;

    }

}
```



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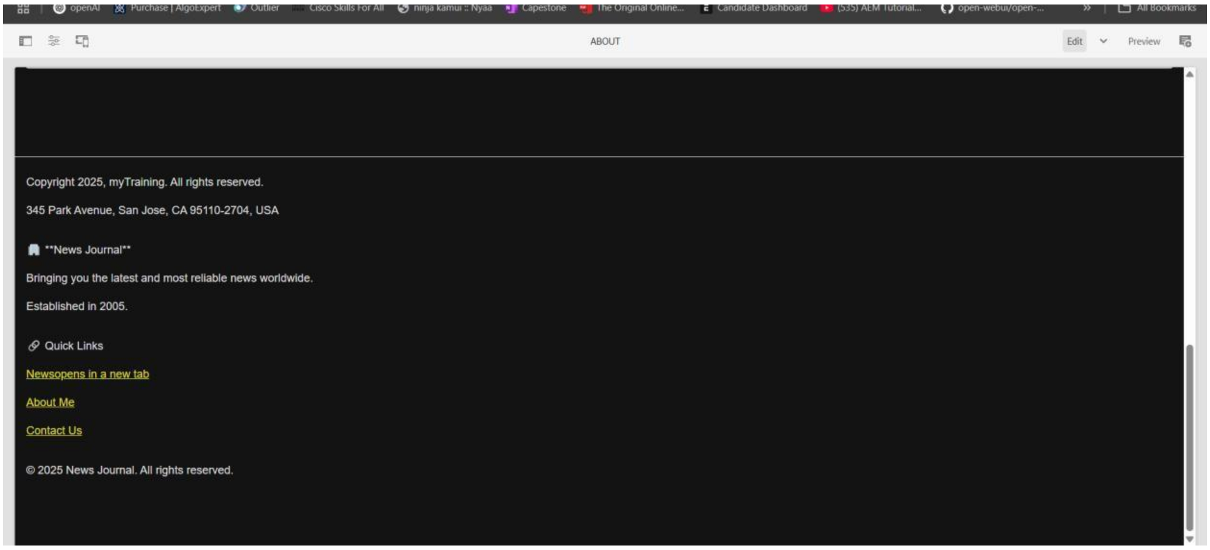
    - entertainment-buzz
    - health-wellness
  - About
  - Contact



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News Journal

Bringing you the latest and most reliable news worldwide.

Established in 2005.

Quick Links

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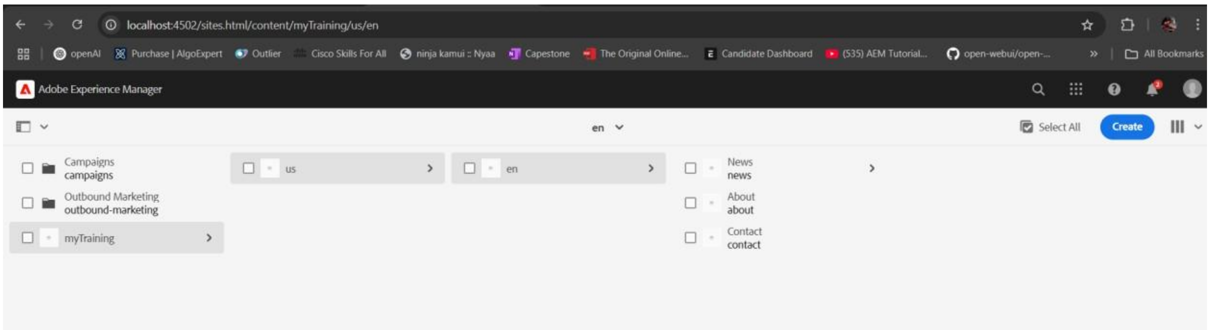

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