

1 . Newsroom Portfolio Website Assignment :

abstract :

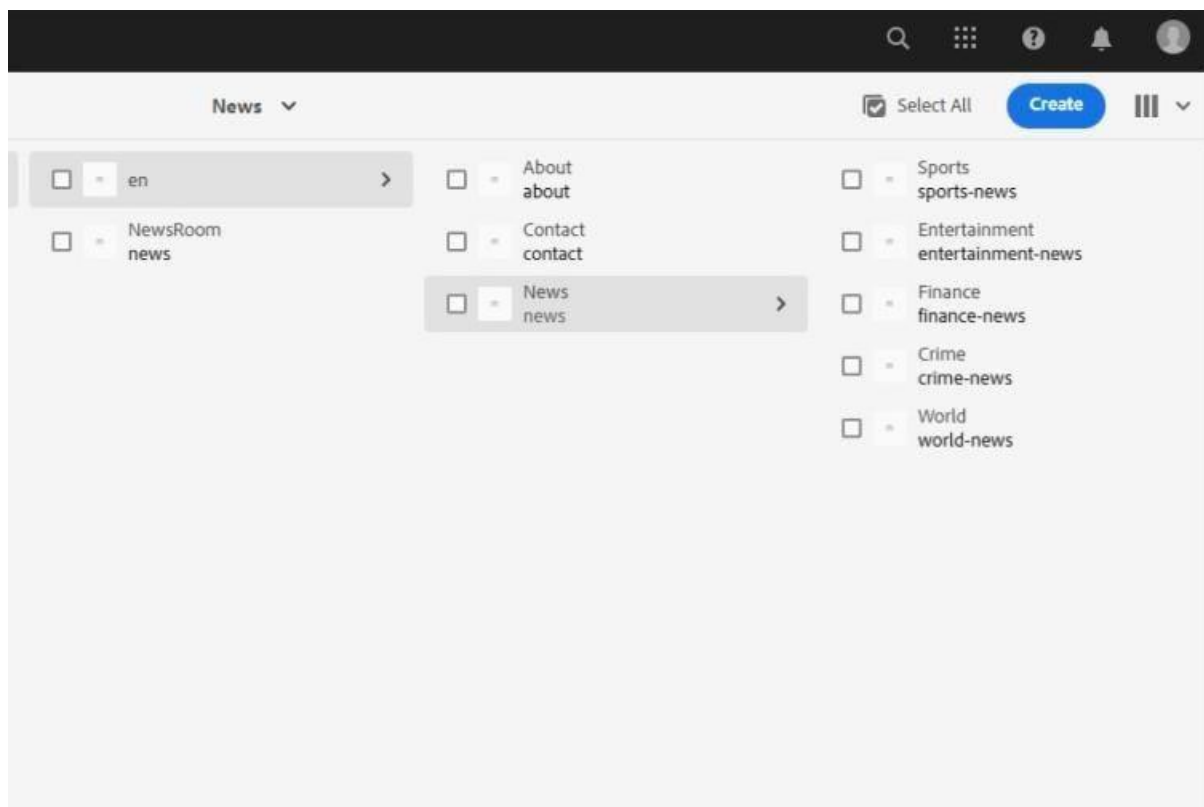
This project focuses on developing a Newsroom Portfolio Website using Adobe Experience Manager (AEM). The website will include key sections such as a Header, Footer, Home Page, News Page, About Me Page, and Contact Me Page. It will be fully functional, dynamically retrieving and displaying news articles in an organized format.

Features :

The Newsroom Portfolio Website will feature an out-of-the-box (OOTB) Header and Footer with well-defined styling to ensure a cohesive design. The Home Page will showcase a teaser component highlighting award ceremonies, providing an engaging introduction. The News Page will dynamically retrieve and display news articles from the AEM content repository, ensuring up-to-date and structured content presentation. An About Me Page will incorporate a custom journalist component, offering a personalized section about the author. Additionally, the Contact Me Page will enable users to connect with the journalist effortlessly. To maintain consistency across the website, a reusable template structure will be implemented, ensuring a uniform layout and seamless user experience.

Implementation Steps :

Create 5 News Article Pages under `/content/us/en/news` :



Create Header Experience Fragment and Use These Pages as Menu :

HTL CODE :

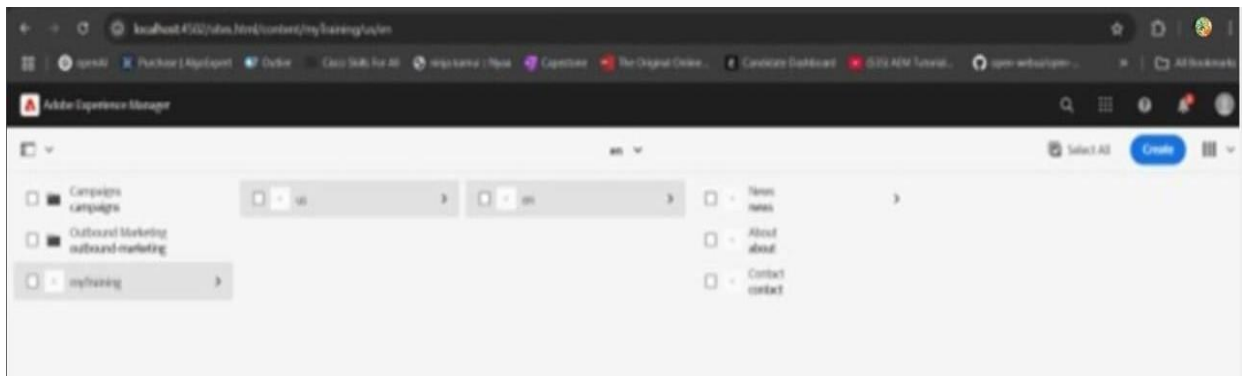
```
<header class="custom-header">
  <nav class="nav-bar">
    <ul class="nav-links">
      <li><a href="/content/myTraining.html">myTraining</a></li>
      <li><a href="/content/about.html">About</a></li>
      <li><a href="/content/contact.html">Contact</a></li>

      <li class="dropdown">
        <a href="#" class="dropbtn">News</a>
        <div class="dropdown-content">
          <a href="/content/news/sports.html">Sports</a>
          <a href="/content/news/entertainment.html">Entertainment</a>
          <a href="/content/news/finance.html">Finance</a>
          <a href="/content/news/crime.html">Crime</a>
          <a href="/content/news/world.html">World</a>
        </div>
      </li>
    </ul>

    <div class="header-icons">
      <span class="globe-icon">🌐</span>
      <input type="text" class="search-box" placeholder="Search" />
    </div>
  </nav>
</header>
```



Create "Contact Us" and "About Me" Pages :



About me page:

HTL CODE :

```
<div class="about-me-page">
  <div class="profile-photo">
    
  </div>
  <div class="bio-section">
    <h2>About Me</h2>
    <p>${bio}</p>
  </div>
</div>
```

JAVA CODE :

```
package com.myproject.core.models;

import com.adobe.cq.sightly.WCMUsePojo;
import javax.inject.Inject;

public class AboutMeModel extends WCMUsePojo {

    @Inject
    private String bio;

    @Inject
    private String profilePhotoUrl;

    public String getBio() {
        return bio != null ? bio : "No bio available";
    }

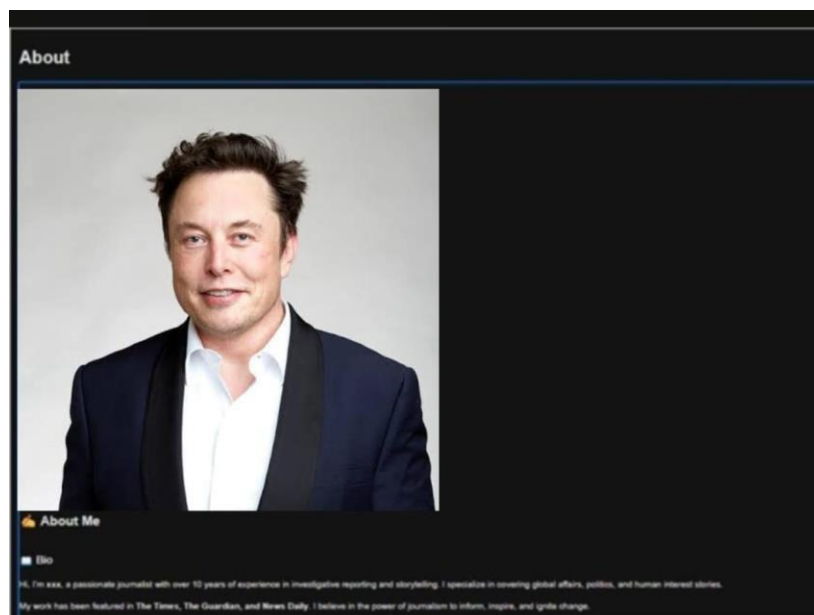
    public String getProfilePhotoUrl() {
        return profilePhotoUrl != null ? profilePhotoUrl : "/content/dam/default.jpg";
    }
}
```

Aboutme.xml :

```

<?xml version="1.0" encoding="UTF-8"?>
<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
  xmlns:jcr="http://www.jcp.org/jcr/1.0"
  jcr:primaryType="cq:Component">
  <items jcr:primaryType="cq:Dialog">
    <content>
      <layout>
        <tabs>
          <tab title="Properties">
            <items>
              <textfield fieldLabel="Bio" name="./bio"/>
              <pathfield fieldLabel="Profile Photo" name="./profilePhotoUrl"/>
            </items>
          </tab>
        </tabs>
      </layout>
    </content>
  </items>
</jcr:root>

```



Contact page:**HTL CODE :**

```

<div class="contact-page">
  <h2>Contact Us</h2>
  <div class="contact-details">
    <p><strong>Office Address:</strong> ${address}</p>
    <p><strong>Phone Number:</strong> <a href="tel:${phone}">${phone}</a></p>
    <p><strong>Email Address:</strong> <a href="mailto:${email}">${email}</a></p>
    <p><strong>Website:</strong> <a href="${website}" target="_blank">${website}</a></p>
  </div>
  <div class="contact-message">
    <p>${message}</p>
  </div>
</div>

```

JAVA CODE :

```

package com.myproject.core.models;

import javax.inject.Inject;
import com.adobe.cq.sightly.WCMUsePojo;

public class ContactModel extends WCMUsePojo {

    @Inject
    private String address;

    @Inject
    private String phone;

    @Inject
    private String email;

    @Inject
    private String website;

    @Inject
    private String message;

    public String getAddress() {
        return address != null ? address : "Address not provided.";
    }

    public String getPhone() {

```

```

        return phone != null ? phone : "Phone number not provided.";
    }

    public String getEmail() {
        return email != null ? email : "Email address not provided.";
    }

    public String getWebsite() {
        return website != null ? website : "Website not provided.";
    }

    public String getMessage() {
        return message != null ? message : "Message not available.";
    }
}

```

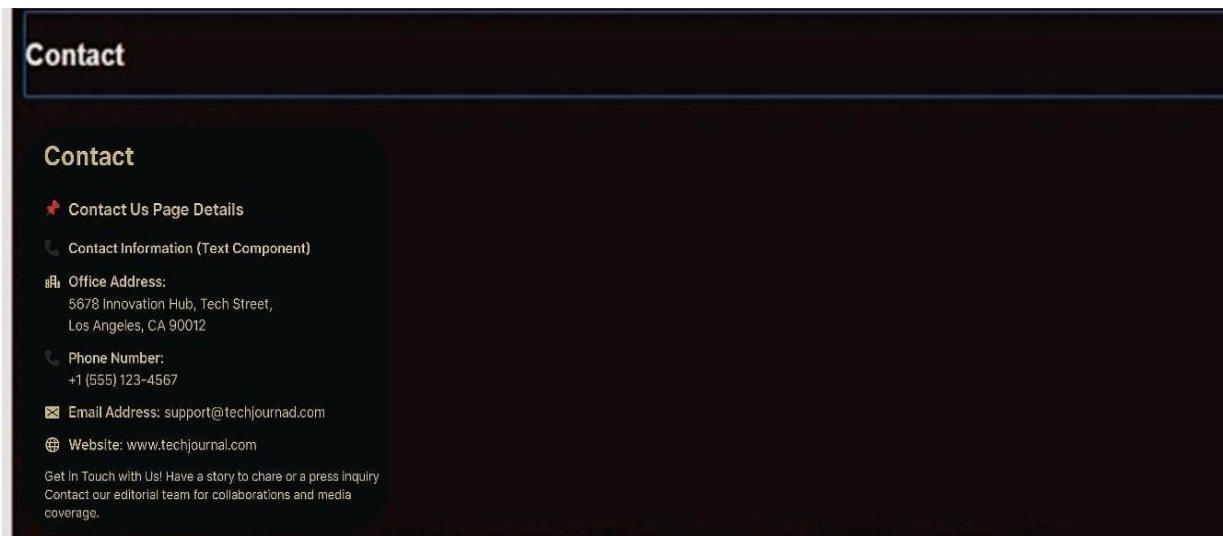
DIALOG CONFIGURATION :

```

<?xml version="1.0" encoding="UTF-8"?>
<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
    xmlns:jcr="http://www.jcp.org/jcr/1.0"
    jcr:primaryType="cq:Component"
    jcr:title="Contact Page Component"
    componentGroup="My Components">
    <cq:dialog
        jcr:primaryType="cq:Dialog"
        dialogType="floating">
        <content>
            <layout>
                <fixedcolumns/>
            </layout>
            <items>
                <textfield
                    fieldLabel="Address"
                    name="./address"/>
                <textfield
                    fieldLabel="Phone"
                    name="./phone"/>
                <textfield
                    fieldLabel="Email"
                    name="./email"/>
                <textfield
                    fieldLabel="Website"
                    name="./website"/>
            </items>
        </content>
    </cq:dialog>

```

```
<textarea
    fieldLabel="Message"
    name="./message"/>
</items>
</content>
</cq:dialog>
</jcr:root>
```



Footer Experience Fragment with 4 Sections :

HTL CODE :

```
<footer class="footer">

    <div class="footer-links">

        <h3>Quick Links</h3>

        <ul>

            <li><a href="{link1 @ context='unsafe'}" target="_blank">${link1Text}</a></li>

            <li><a href="{link2 @ context='unsafe'}">${link2Text}</a></li>

            <li><a href="{link3 @ context='unsafe'}">${link3Text}</a></li>

        </ul>

    </div>

    <div class="footer-copyright">

        <p>© ${currentYear} ${footerText}</p>

    </div>

</footer>
```

JAVA CODE :

```
package com.myproject.core.models;

import javax.inject.Inject;

import com.adobe.cq.sightly.WCMUsePojo;

public class FooterModel extends WCMUsePojo {

    @Inject

    private String link1;

    @Inject

    private String link1Text;

    @Inject

    private String link2;

    @Inject

    private String link2Text;

    @Inject

    private String link3;

    @Inject

    private String link3Text;

    @Inject

    private String footerText;

    public String getLink1() {

        return link1 != null ? link1 : "#";

    }

    public String getLink1Text() {

        return link1Text != null ? link1Text : "Link 1";

    }

    public String getLink2() {

        return link2 != null ? link2 : "#";

    }

    public String getLink2Text() {

        return link2Text != null ? link2Text : "Link 2";

    }

    public String getLink3() {

        return link3 != null ? link3 : "#";

    }

}
```



```

public String getLink3Text() {
    return link3Text != null ? link3Text : "Link 3";
}

public String getFooterText() {
    return footerText != null ? footerText : "Company Name";
}

public String getFullYear() {
    return String.valueOf(java.time.Year.now());
}
}

```

DIALOG CONFIGURATION :

```

<?xml version="1.0" encoding="UTF-8"?>
<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
    xmlns:jcr="http://www.jcp.org/jcr/1.0"
    jcr:primaryType="cq:Component"
    jcr:title="Footer Component"
    componentGroup="My Components">
<cq:dialog
    jcr:primaryType="cq:Dialog"
    dialogType="floating">
<content>
    <layout>
        <tabs>
            <tab title="Links">
                <items>
                    <pathfield fieldLabel="Link 1" name="./link1"/>
                    <textfield fieldLabel="Link 1 Text" name="./link1Text"/>
                    <pathfield fieldLabel="Link 2" name="./link2"/>
                    <textfield fieldLabel="Link 2 Text" name="./link2Text"/>
                    <pathfield fieldLabel="Link 3" name="./link3"/>
                    <textfield fieldLabel="Link 3 Text" name="./link3Text"/>

```

```
</items>

  </tab>
  <tab title="Footer Text">

    <items>

      <textfield fieldLabel="Footer Text" name="/footerText"/>

    </items>

  </tab>
</tabs>
</layout>
</content>
</cq:dialog>
</jcr:root>
```

