

## AEM Task – 4

### 1. Create a News Room Page Component (Extending Base Page Component)

- The **News Room Page Component** will inherit from the **Base Page Component**.
- It will have **default News configurations** and support for **news articles**.

#### Steps:

1. Navigate to `/apps/myproject/components/page`
2. Create a new folder `newsroompage`
3. Add `newsroompage.html` to customize rendering.

#### `newsroompage.html`

```
<sly data-sly-use.page="com.adobe.cq.wcm.core.components.models.Page"
    data-sly-use.news="myproject.models.NewsModel"
    data-sly-use.template="core/wcm/components/page/v2/page.html">

    <sly data-sly-call="${template.page @ page=page}" />

    <div class="newsroom-container">
        <h1>${news.title}</h1>
        <p>${news.description}</p>
        
        <a href="${news.readMoreLink}" class="news-cta">Read More</a>
    </div>
</sly>
```

## 2. Create Custom Page Properties for NEWS Configurations

- This will allow authors to set a **default news image** and a **Read More CTA** link.

### Steps:

1. Navigate to `/apps/myproject/components/newsroompage/cq:dialog`
2. Modify the dialog to include News properties

### `newsroompage/_cq_dialog/.content.xml`

```
<?xml version="1.0" encoding="UTF-8"?>
<jcr:root
  xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  xmlns:jcr="http://www.jcp.org/jcr/1.0"
  jcr:primaryType="cq:Dialog"
  cq:dialogMode="floating"
  title="News Room Page Properties"
  helpPath="https://helpx.adobe.com/experience-manager">

  <items jcr:primaryType="cq:WidgetCollection">
    <newsTab jcr:primaryType="cq:Panel"
      title="News Configuration">
      <items jcr:primaryType="cq:WidgetCollection">
        <defaultImage jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/form/fileup
load"

          fieldLabel="Default News Image"
          name="./defaultImage"
          required="true"/>
        <readMoreLink jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/form/textfi
eld"

          fieldLabel="Read More Link"
```

```

name="./readMoreLink"
required="true"/>
    </items>
  </newsTab>
</items>
</jcr:root>

```

### 3. Create a News Room Template Type Using News Room Page Component

1. Navigate to /conf/myproject/settings/wcm/template-types
2. **Create a new folder** newsroom-template-type
3. **Add template definition in cq:templateType/.content.xml**

```

<?xml version="1.0" encoding="UTF-8"?>
<jcr:root
  xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  jcr:primaryType="cq:TemplateType"
  jcr:title="News Room Template Type"
  jcr:description="Template type for News Room pages"
  cq:allowedPaths="/content/myproject(/.*)"?
  allowedChildren="[myproject/components/page/newsroompage]"/>

```

### 4. Create a News Room Template

1. Navigate to **Sites Console** → **Tools** > **Templates**
2. **Create a new template** using newsroom-template-type
3. **Add News Room Page Component** as the allowed component.

## 5. Apply Styling from ui.frontend Folder

- Add a **newsroom.css** file in  
/ui.frontend/src/main/webpack/site/styles/newsroom.css.

### newsroom.css

```
.newsroom-container {  
    background-color: #f9f9f9;  
    padding: 20px;  
    border-radius: 5px;  
}  
  
.newsroom-container h1 {  
    color: #333;  
}  
  
.news-cta {  
    display: inline-block;  
    background: #ff6600;  
    color: white;  
    padding: 10px 15px;  
    text-decoration: none;  
    border-radius: 5px;  
}  
  
.news-cta:hover {  
    background: #cc5500;  
}
```

## 6. Create a Custom Style in AEM to Apply the Above Styling

1. Navigate to **Style System in AEM**.
2. **Add a New Style** in the **News Room Page Component**.

## Style System JSON Configuration

```
{
  "styles": [
    {
      "title": "News Room Default",
      "class": "newsroom-container"
    }
  ]
}
```

### OUTPUT SCREENSHOTS:



