

AEM Assignment

Step 1: Create a Newsroom Page Component using Base Page Component

1. Navigate to CRXDE Lite (<http://localhost:4502/crx/de>).
2. Go to `/apps/your-project/components/page/`.
3. Copy the existing Base Page Component (`/apps/core/wcm/components/page/v3/page`) and rename it to `newsroomPage`.
4. Modify `newsroomPage.html` to customize its structure: **Html code**

```
<div class="newsroom-page">
```

```
<sly data-sly-use.page="com.adobe.cq.wcm.core.components.models.Page" />
```

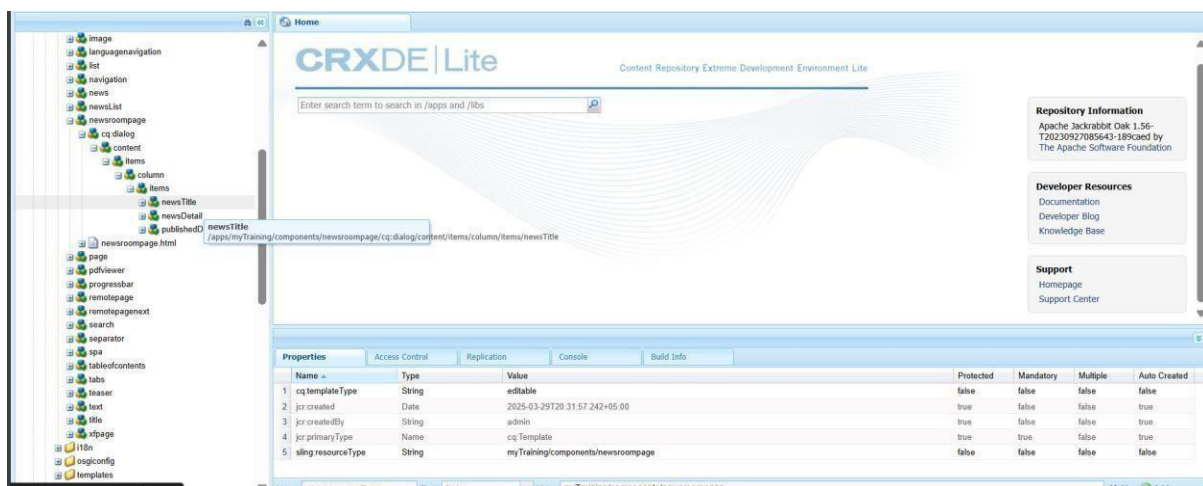
```
<h1>${page.title}</h1>
```

```
<sly data-sly-resource="${'content' @ resourceType='your-project/components/content/news'}"/>
```

```
</div>
```

5. Save and activate the component.

Screenshot



Step 2: Create Custom Page Property - NEWS Configurations

1. Go to CRXDE Lite → `/apps/your-project/components/page/newsroomPage/cq:dialog`
2. Add a new tab called NEWS Configurations in the `cq:dialog`:

Xml Code

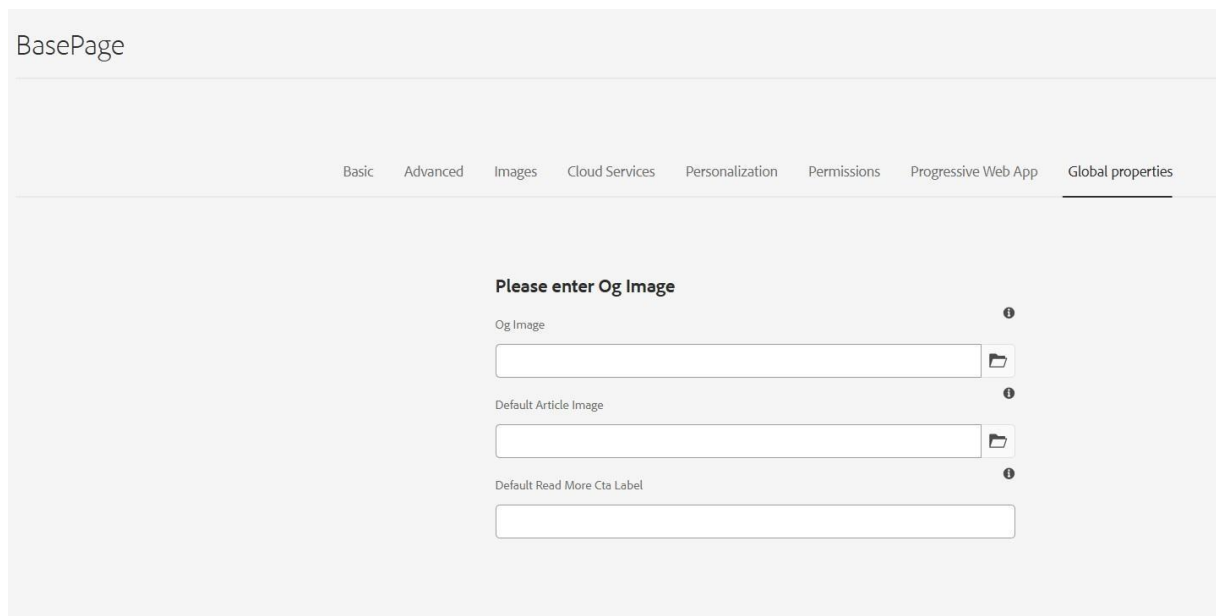
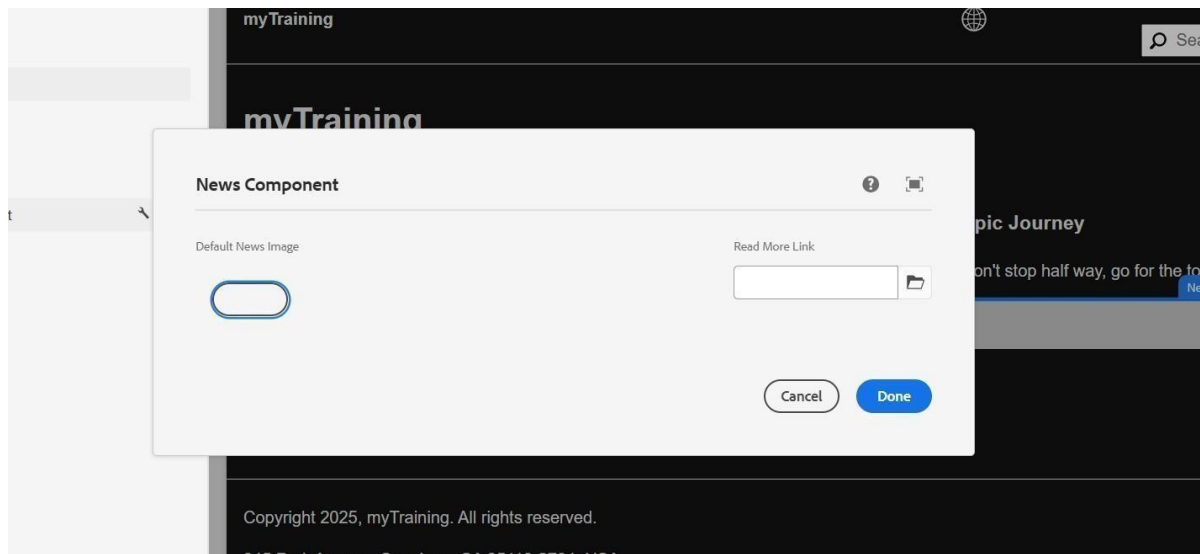
```
<newsConfigurations jcr:primaryType="nt:unstructured"
  sling:resourceType="granite/ui/components/coral/foundation/form/fieldset
  " jcr:title="NEWS Configurations">

  <defaultNewsImage jcr:primaryType="nt:unstructured"
    sling:resourceType="granite/ui/components/coral/foundation/form/fileupload"
    fieldLabel="Default News Image" name="./defaultNewsImage"
    fileReferenceParameter="./defaultNewsImage" />

  <readMoreCTA jcr:primaryType="nt:unstructured"
    sling:resourceType="granite/ui/components/coral/foundation/form/textfield
    d
    " fieldLabel="Read More CTA Text" name="./readMoreCTA"
    value="Read More"/>
</newsConfigurations>
```

3. Save and activate.

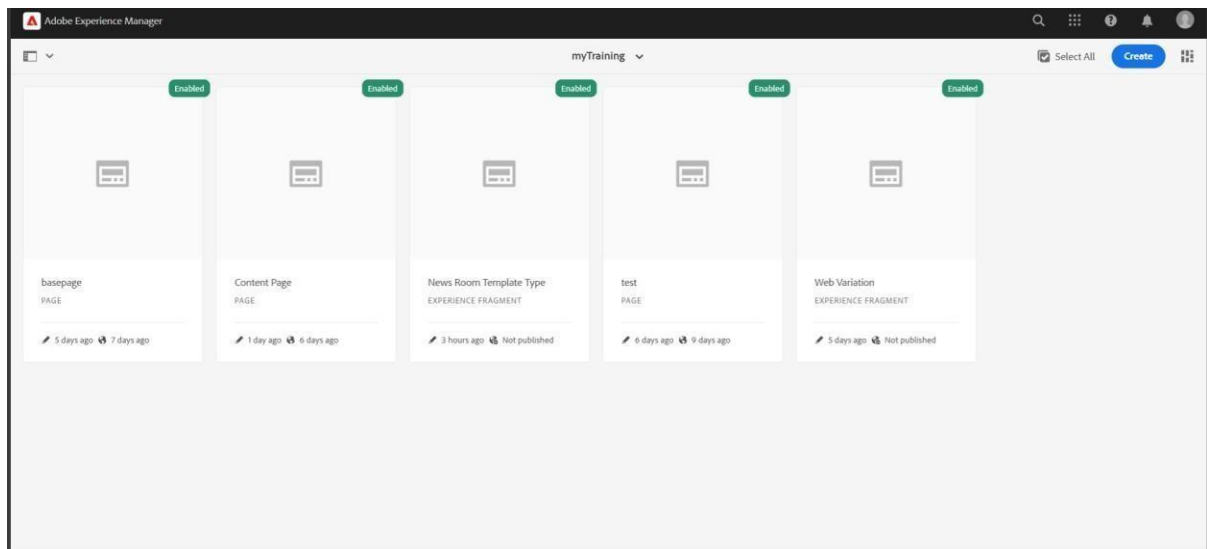
Screenshot



Step 3: Create Newsroom Template Type using Newsroom Page Component

1. Navigate to AEM Tools → Configuration Browser.
2. Create a new Template Type:
 - Name: Newsroom Template Type
 - Allowed Components: newsroomPage
3. Save and publish.

Screenshot



Step 4: Apply Styling from ui.frontend Folder

1. Open your AEM ui.frontend folder.
2. Navigate to ui.frontend/src/main/webpack/components/newsroom.scss.
3. Add styles:

CSS code

```
.newsroom-page {  
  background-color: #f8f9fa;  
  padding: 20px;  
  
  h1 { font-size: 2rem;  
    color:  
    #333;  
  }  
}
```

```
.news-article { display: flex; flexdirection:
    column;      padding: 10px; border-
bottom: 1px solid

#ddd;

}
```

```
.read-more { display:
inline-block;   color:
#007bff;      text-
decoration:    none;
font-weight: bold;

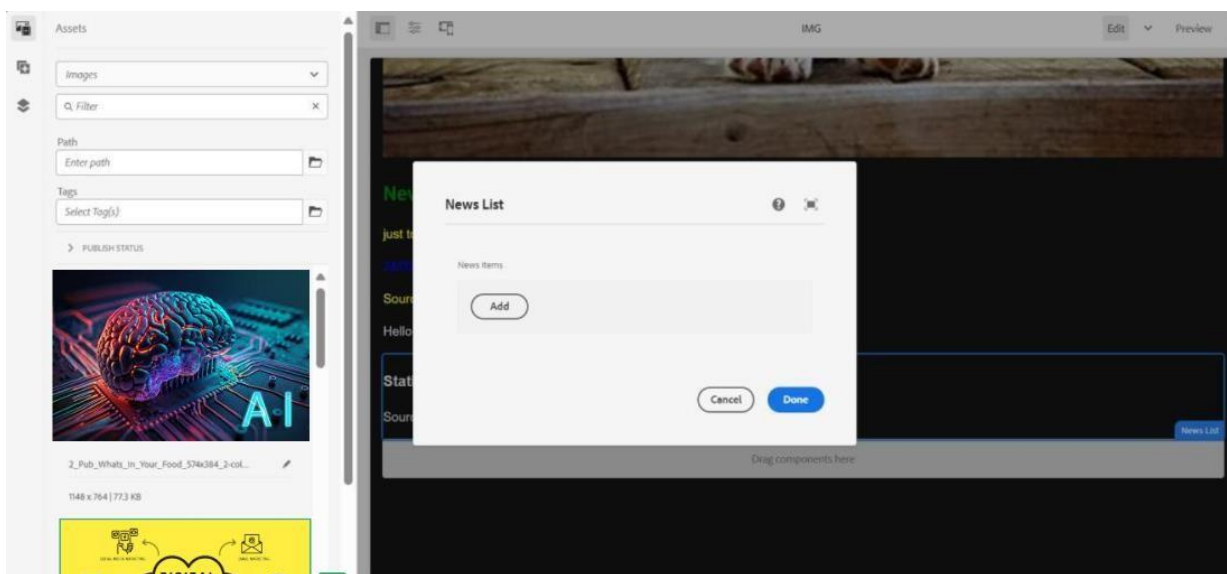
} }
```

4. Update webpack.config.js to ensure the style is loaded:

```
require('./components/newsroom.scss');
```

5. Deploy and verify in AEM.

Screenshot



Step 6: Create Custom Style for Hello World or News Component

1. Navigate to AEM Tools → General → Policies & Styles.

2. Select Hello World / News Component.
3. Click + Add Style and configure: ○ Style Name: "Newsroom Style" ○ CSS Class: newsroom-style
4. Update your SCSS:

CSS code

```
.newsroom-style {  
  font-family: Arial, sans-serif;  
  border: 1px solid #ccc;  
  padding: 10px; background-  
  color: #fff;  
}
```