

## AEM – Task 4

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

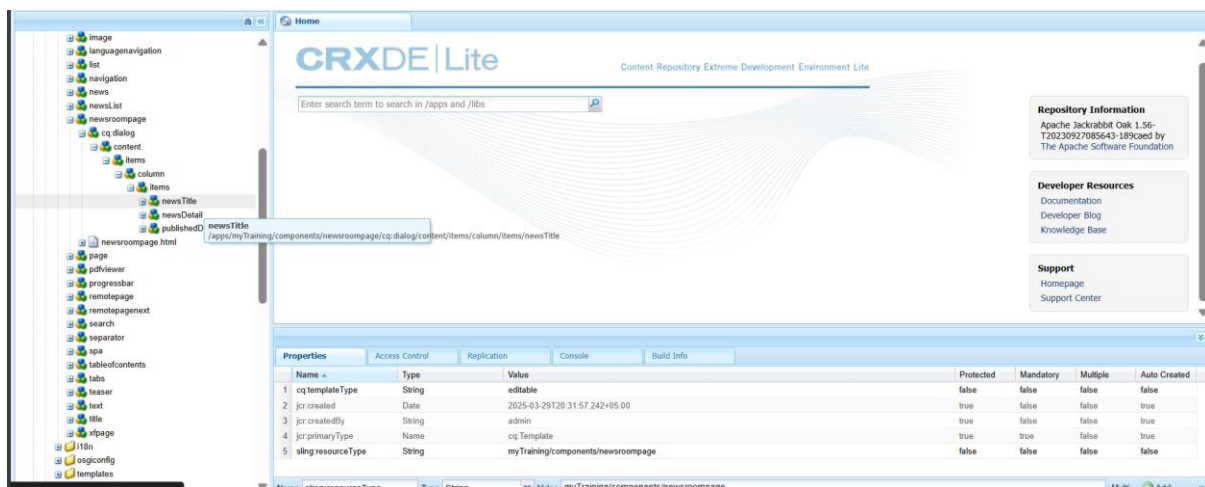
1. Navigate to CRXDE Lite (<http://localhost:4502/crx/de>).
2. Go to /apps/your-project/components/page/.
3. Copy the existing Base Page Component (/apps/core/wcm/components/page/v3/page) and rename it to newsroomPage.
4. Modify newsroomPage.html to customize its structure:

#### 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

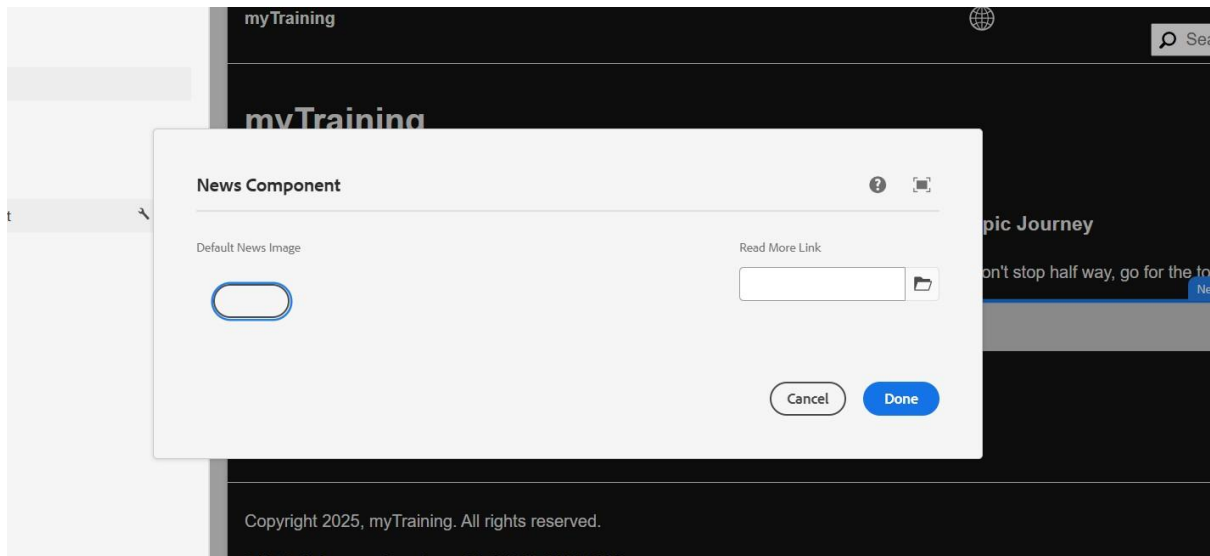
```
<newsConfigurations
  jcr:primaryType="nt:unstructured"
  sling:resourceType="granite/ui/components/coral/foundation/form/fieldset"
  jcr:title="NEWS Configurations">

  <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"
    fieldLabel="Read More CTA Text"
    name="./readMoreCTA"
    value="Read More"/>
</newsConfigurations>
```

3. Save and activate.

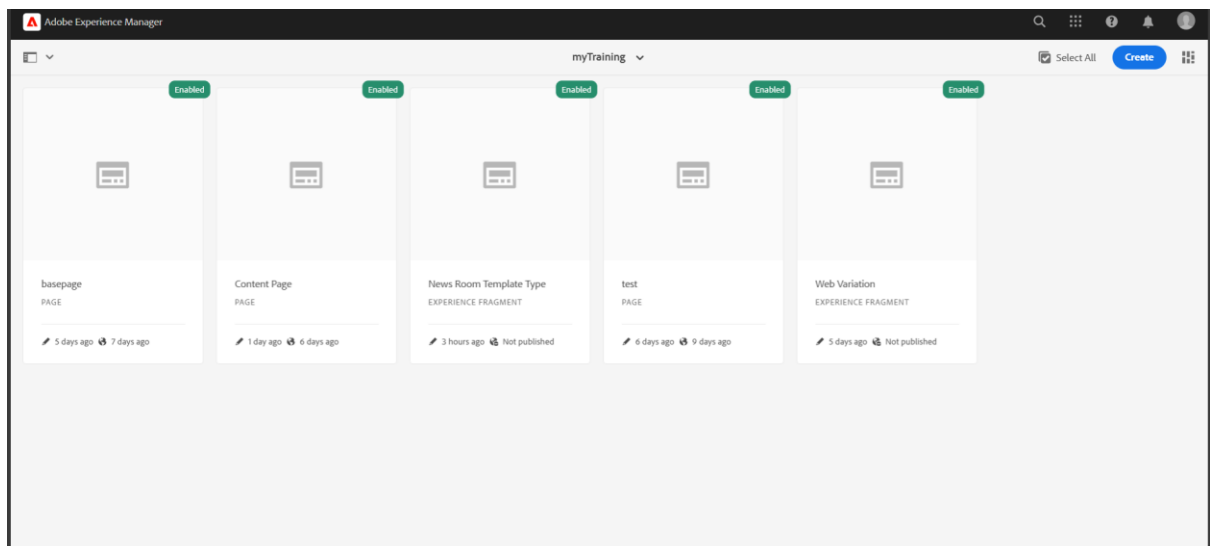
## Screenshot



### 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

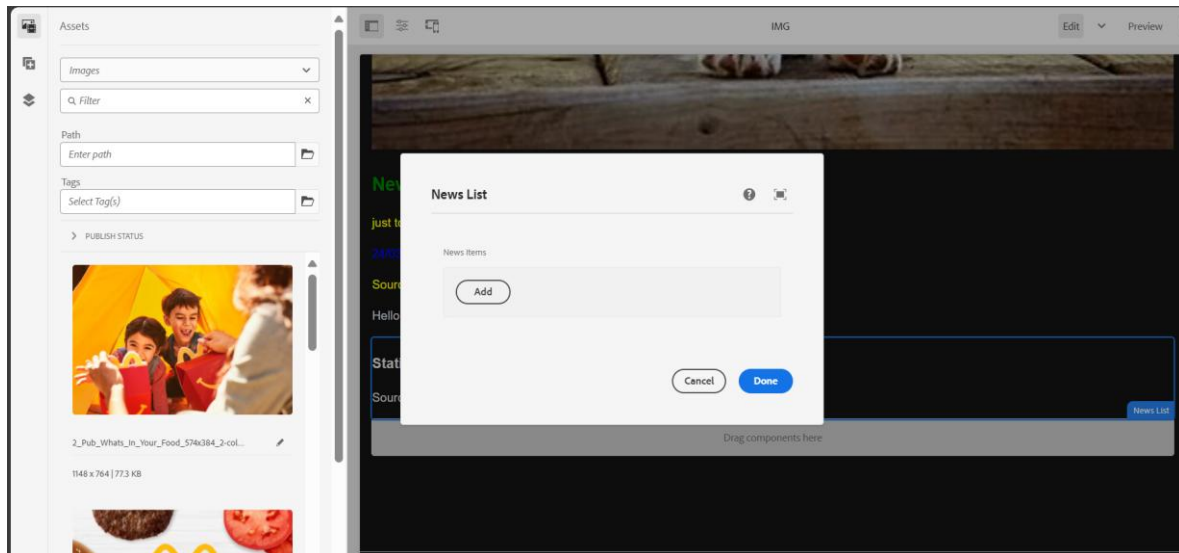
```
.newsroom-page {  
  background-color: #f8f9fa;  
  padding: 20px;  
  
  h1 {  
    font-size: 2rem;  
    color: #333;  
  }  
  
  .news-article {  
    display: flex;  
    flex-direction: column;  
    padding: 10px;  
    border-bottom: 1px solid #ddd;  
  }  
  
  .read-more {  
    display: 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;  
}
```

5. Save and apply the style.

News1

just to test

24/03/25

Source: imagination

Hello World from AEM Service!