

AEM ASSIGNMENT DAY-4

1. Create News Room Page Component

Steps:

1. Open CRXDE Lite (<http://localhost:4502/crx/de/>).

2. Navigate to:

bash

CopyEdit

/apps/myTraining/components

3. Create a folder newsroom.

4. Inside newsroom, create:

- o newsroom.html
- o _cq_dialog.xml (for dialog fields)

The screenshot shows the CRXDE Lite interface with three tabs at the top: 'en | AEM Sites', 'CRX Package Manager - /etc/...', and 'CRXDE Lite'. The main area displays a file tree under '/conf/myTraining/settings/wcm/templates/newsroompage/structure/jcr:content'. A code editor window contains CSS code for a news component:

```
1 .news-component h1{  
2   color:green;  
3 }  
4 .news-component p{  
5   color:yellow;  
6 }  
7
```

Below the code editor is a properties table with the following data:

Name	Type	Value	Protected	Mandatory	Multiple
cq:deviceGroups	String[]	mobile/groups/responsive	false	false	true
cq:template	String	/conf/myTraining/settings/wcm/templates/newsroompage	false	false	false
jcr:created	Date	2025-04-02T15:27:56.692+05:30	true	false	false
jcr:createdBy	String	admin	true	false	false
jcr:primaryType	Name	cq:PageContent	true	true	false
sling:resourceType	String	myTraining/components/page	false	false	false

2. Create Custom Page Property- NEWS Configurations

Steps:

1. Go to newsroom folder and create _cq_dialog.xml.

2. Add fields:

- o og:title
- o og:description
- o og:image path

3. Create News Room Template Type

Steps:

1. Navigate to the following path:

/conf/myTraining/settings/wcm/template-types

2. Create a new template type with the following details:

- o **Name:** News Room Template Type
- o **Allowed Paths:** /content/myTraining/*

3. Save and activate the template type.

The screenshot shows the CRXDE Lite interface with the URL `/conf/myTraining/settings/wcm/templates/newsroompage/jcr:content`. The left sidebar shows a tree view of AEM components like dam, graphql, wcm, templates, and newsroompage. The right panel displays the code editor for a file named `helloworld.html` and a properties table for the template type.

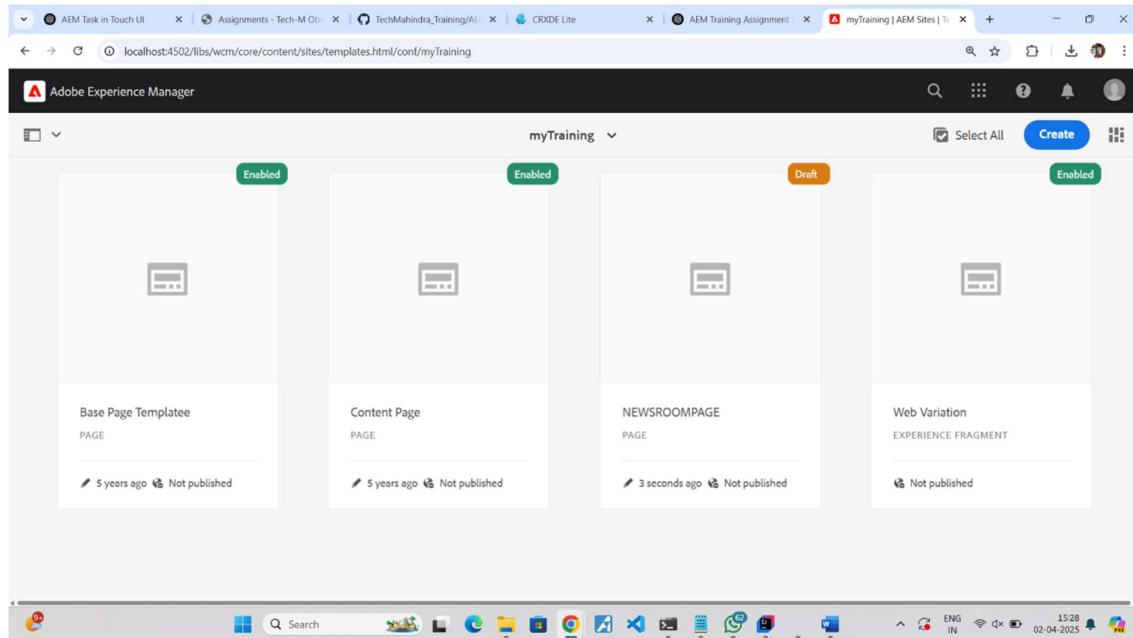
Properties Table:

Name	Type	Value	Protected	Mandatory	Multiple	Auto Created
cq:lastModifiedBy	String	admin	false	false	false	false
cq:templateType	String	/conf/myTraining/settings/wcm/template-types/page	false	false	false	false
jcr:created	Date	2025-04-02T15:27:56.683+05:30	true	false	false	true
jcr:createdBy	String	admin	true	false	false	true
jcr:primaryType	Name	cq:PageContent	true	true	false	true
jcr:title	String	NEWSROOMPAGE	false	false	false	false
status	String	draft	false	false	false	false

4. Create News Room Template

Steps:

1. Navigate to the following path:
</conf/myTraining/settings/wcm/templates>
2. Click **Create Template** and select **News Room Template Type**.
3. Name the template **News Room Template**.
4. Save and enable the template.



5. Apply Styling to News/HelloWorld Component

Steps:

1. Navigate to the following path:
</apps/myTraining/ui.frontend>
2. Open the CSS file located at:
</apps/myTraining/ui.frontend/src/styles/news.css>
3. Add the following styles:

```
.newsroom-title {  
    color: green;  
    font-size: 24px;  
}  
.newsroom-description {  
    color: yellow;  
}  
.newsroom-date {  
    color: black;  
}
```

4. Save and deploy the changes.

```
1  .newsroom-page {  
2      text-align: center;  
3      padding: 20px;  
4  }  
5  
6  .newsroom-page img {  
7      max-width: 100%;  
8      height: auto;  
9      border-radius: 8px;  
10 }  
11  
12 .read-more {  
13     display: inline-block;  
14     padding: 10px 20px;  
15     color: white;  
16     background: #007bff;  
17     text-decoration: none;  
18     border-radius: 5px;  
19 }💡
```

6. Create Custom Style for Components

Steps:

1. Open CRXDE Lite:
URL: <http://localhost:4502/crx/de/>
2. Navigate to the following path:

/apps/myTraining/components/newsroom

3. Create a Style System:

- o Path:

apps/myTraining/components/newsroom/_cq_design_dialog.xml

4. Add the following custom style configuration inside _cq_design_dialog.xml:

```
<cq:dialog>
    <items jcr:primaryType="cq:WidgetCollection">
        <styleGroup jcr:primaryType="nt:unstructured"
            sling:resourceType="cq/gui/components/authoring/
            <styles jcr:primaryType="nt:unstructured">
                <style1 jcr:primaryType="nt:unstructured"
                    text="Newsroom Custom Style"
                    class="newsroom-custom-style"/>
            </styles>
        </styleGroup>
    </items>
</cq:dialog>
```

5. Save and deploy the changes.



Conclusion

In this assignment, we successfully:

- ✓ Created a News Room Page Component
- ✓ Added Custom Page Properties (NEWS Configurations)
- ✓ Created a News Room Template Type & Template
- ✓ Styled News/HelloWorld Components using Clientlibs
- ✓ Implemented a Custom Style for Components