

AEM Training - Day 4 Assignment (21-03-2025)

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1. Create News Room Page Component

Steps:

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

bash

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/apps/myTraining/components

3. Create a new **folder** named **newsroom**.
4. Inside the **newsroom** folder, create the following files:
 - **newsroom.html**
 - **_cq_dialog.xml** (for dialog fields).
5. Add the following content to the **newsroom.html** file:

html

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```
<div data-sly-use.basePage="com.myTraining.core.models.BasePage">  
  <h1>${basePage.pageTitle}</h1>  
</div>
```

6. **Save** and **build** the project.

2. Create Custom Page Property - NEWS Configurations

Steps:

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

bash

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/apps/myTraining/components/newsroom

3. Add a **Page Properties Dialog**:
 - Create a file named **_cq_dialog.xml**.
4. Add the following fields in **_cq_dialog.xml**:
 - og:title
 - og:description
 - og:image path
5. **Save** and **deploy** the changes.

3. Create News Room Template Type

Steps:

1. Navigate to the following path:

bash

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

2. Create a **new template type** with the following details:
 - **Name: News Room Template Type**
 - **Allowed Paths: /content/myTraining/***
3. **Save** and **activate** the template type.

4. Create News Room Template

Steps:

1. Navigate to the following path:

bash

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/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:

bash

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/apps/myTraining/ui.frontend

2. Open the CSS file located at:

swift

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/apps/myTraining/ui.frontend/src/styles/news.css

3. Add the following styles:

css

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.newsroom-title {

color: green;

font-size: 24px;

}

.newsroom-description {

color: yellow;

```
}
```

```
.newsroom-date {  
    color: black;  
}
```

4. **Save** and **deploy** the changes.
-

6. Create Custom Style for Components

Steps:

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

```
bash
```

```
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```

```
/apps/myTraining/components/newsroom
```

3. Create a **Style System**:
 - Path:

```
bash
```

```
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```

```
/apps/myTraining/components/newsroom/_cq_design_dialog.xml
```

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

```
xml
```

```
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```

```
<cq:dialog>
```

```
  <items jcr:primaryType="cq:WidgetCollection">
```

```
    <styleGroup jcr:primaryType="nt:unstructured"
```

```
      sling:resourceType="cq/gui/components/authoring/dialog/style">
```

```
        <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**

SCREENSHOTS

