AEM Assignment 3

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1. Create News Room Page Component Using Base Page Component

Steps:

1. Navigate to **AEM > CRXDE Lite** (`http://localhost:4502/crx/de`).
2. Go to `/apps/myTraining/components/page/` and create a new folder `newsroompage` .
3. Copy `basepage` component (if it exists) or extend it using `sling:resourceSuperType` .

Modify `newsroompage` Component (`.content.xml`)

```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:Component"
    jcr:title="News Room Page"
    jcr:description="Page Component for News Room"
    sling:resourceSuperType="myTraining/components/page/basepage"
    componentGroup="MyTraining">
</jcr:root>
```

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2. Create Custom Page Property for NEWS Configurations

Steps to Add Custom Page Properties:

1. Navigate to `/apps/myTraining/components/page/newsroompage` .
2. Add a `cq:dialog` for **NEWS configurations** in `newsroompage/dialog.xml` :

```xml
<?xml version="1.0" encoding="UTF-8"?>
<jcr:root
```

```xml
    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="nt:unstructured"
    cq:dialogMode="floating"
    jcr:title="News Room Configurations">

    <content jcr:primaryType="nt:unstructured">
        <items jcr:primaryType="nt:unstructured">
            <defaultNewsImage

sling:resourceType="granite/ui/components/coral/foundation/form/fileupload"
                jcr:primaryType="nt:unstructured"
                fieldLabel="Default News Image"
                name="./defaultNewsImage"
                autoStart="{Boolean}true"
                useHTML5="{Boolean}true"/>

            <readMoreCTA
                jcr:primaryType="nt:unstructured"

sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
                fieldLabel="Read More CTA Label"
                name="./readMoreCTA"/>
        </items>
    </content>
</jcr:root>
```

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

Steps:

1. Navigate to `/conf/myTraining/settings/wcm/templates` in CRXDE Lite.
2. Create a new **template-type**: `/conf/myTraining/settings/wcm/template-types/newsroompage`.
3. Inside the folder, create `.content.xml`:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<jcr:root
    xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
```

```
    xmlns:jcr="http://www.jcp.org/jcr/1.0"
    jcr:primaryType="cq:Template"
    jcr:title="News Room Template Type"
    description="Template type for News Room Pages"
    allowedPaths="/content/myTraining/.*">
</jcr:root>
```

4. Create News Room Template

Steps:

1. Go to **AEM > Tools > General > Templates**.
2. Click **Create Template** and select **News Room Template Type**.
3. Name it **News Room Template** and **enable it**.

5. Apply Styling from `ui.frontend` to News & Hello World Components

Steps to Apply Styling via Clientlibs:

1. Go to `/ui.frontend/src/main/webpack` and add styles in `styles/news.scss`:

```
.news-component {
    h2 {
        color: green;
    }
    p {
        color: yellow;
    }
    span.date {
        color: black;
    }
}
```

2. **Modify** `clientlibs-site/.content.xml` **to include the new CSS**:

```
<jcr:root
    xmlns:jcr="http://www.jcp.org/jcr/1.0"
```

```
    jcr:primaryType="cq:ClientLibraryFolder"
    categories="[myTraining.site]"
    dependencies="[granite.ui.foundation]"
    css="[css/news.css]"
    allowProxy="{Boolean}true"/>
```

3. Link the `news-component` styles in **news-component.html**:

```
<div class="news-component">
    <h2>${properties.newsTitle}</h2>
    <p>${properties.newsDetail}</p>
    <span class="date">${properties.newsDate}</span>
</div>
```