

1. Create News Room Page Component Using Base Page Component

1.1. Folder Structure

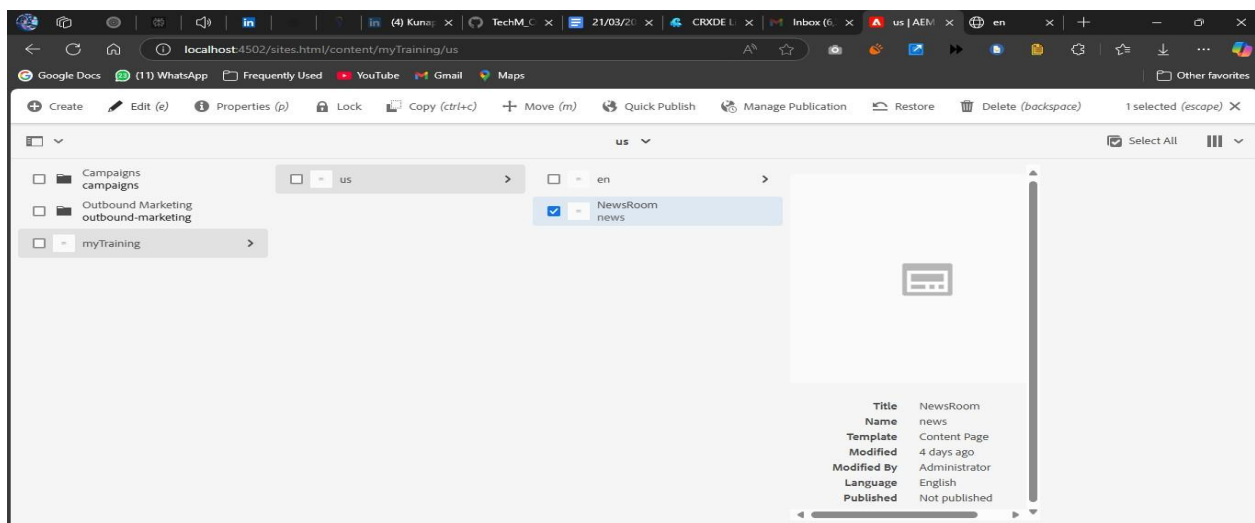
- Navigate to `ui.apps/src/main/content/jcr_root/apps/myTraining/components/structure/`.
- Create a new folder named `newsroom-page`.

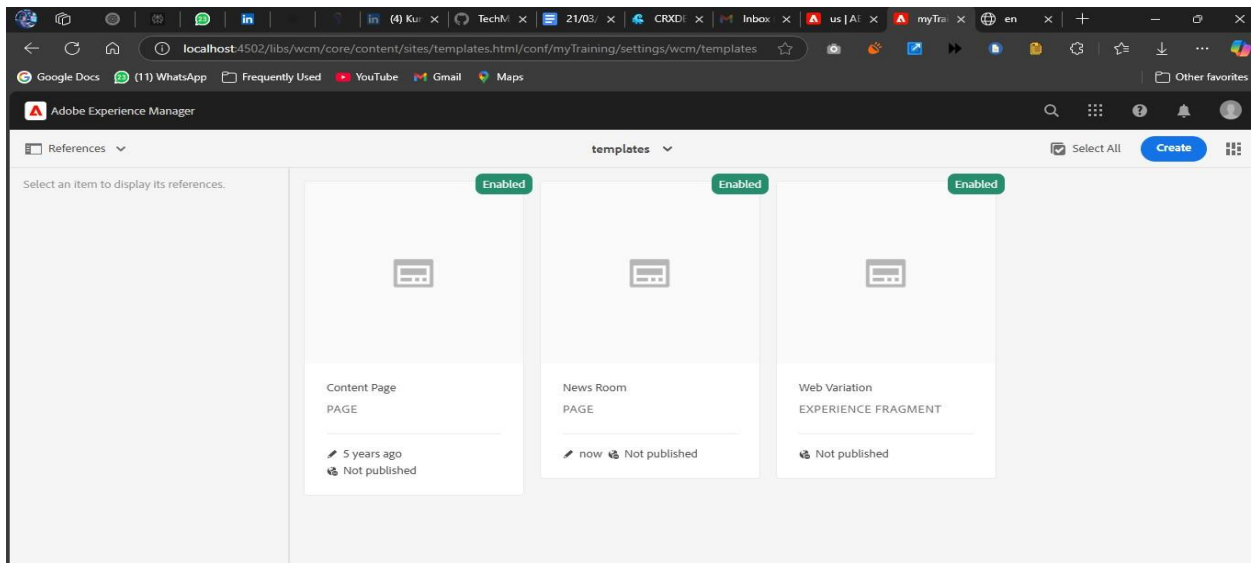
1.2. Create News Room Page HTML File

Inside the `newsroom-page` folder, create a new file named `newsroom-page.html` and extend the `base-page` component:

```
<sly data-sly-use.basePage="com.myTraining.core.models.BasePageModel">
  <div class="newsroom-page">
    <sly data-sly-include="@basePage.html"/>
  </div>
</sly>
```

- This code imports the `basePage` component and wraps it inside a div with the class `newsroom-page`. It ensures that the News Room page inherits the structure and styling from the `base-page` component.





2. Create Custom Page Property: NEWS Configurations

2.1. Create CQ Dialog for News Configuration

- Navigate to `ui.apps/src/main/content/jcr_root/apps/myTraining/components/structure/newsroom-page/`.
- Create a new dialog file named `cq:dialog` to allow authors to configure the page's news-specific properties such as default news image and the "Read More" CTA text.

```
xmlns:cq="http://www.day.com/jcr/cq/1.0"
xmlns:jcr="http://www.jcp.org/jcr/1.0"
jcr:primaryType="cq:Dialog" cq:dialogMode="floating">
  <content jcr:primaryType="nt:unstructured"
    sling:resourceType="granite/ui/components/coral/foundation/container">
    <items jcr:primaryType="nt:unstructured">
      <newsConfig jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/coral/foundation/form/fieldset"
        jcr:title="NEWS Configurations">
        <items jcr:primaryType="nt:unstructured">
          <defaultImage jcr:primaryType="nt:unstructured"
```

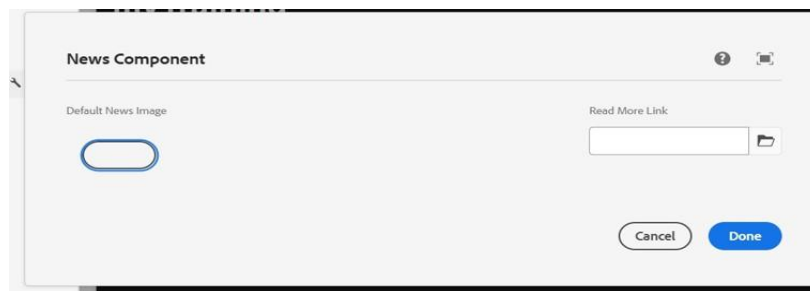
```

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

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

```

- **defaultImage** allows the author to upload a default image for the news article.
- **readMoreCTA** enables the author to specify the "Read More" call-to-action text.



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

3.1. Folder Structure for Template Types

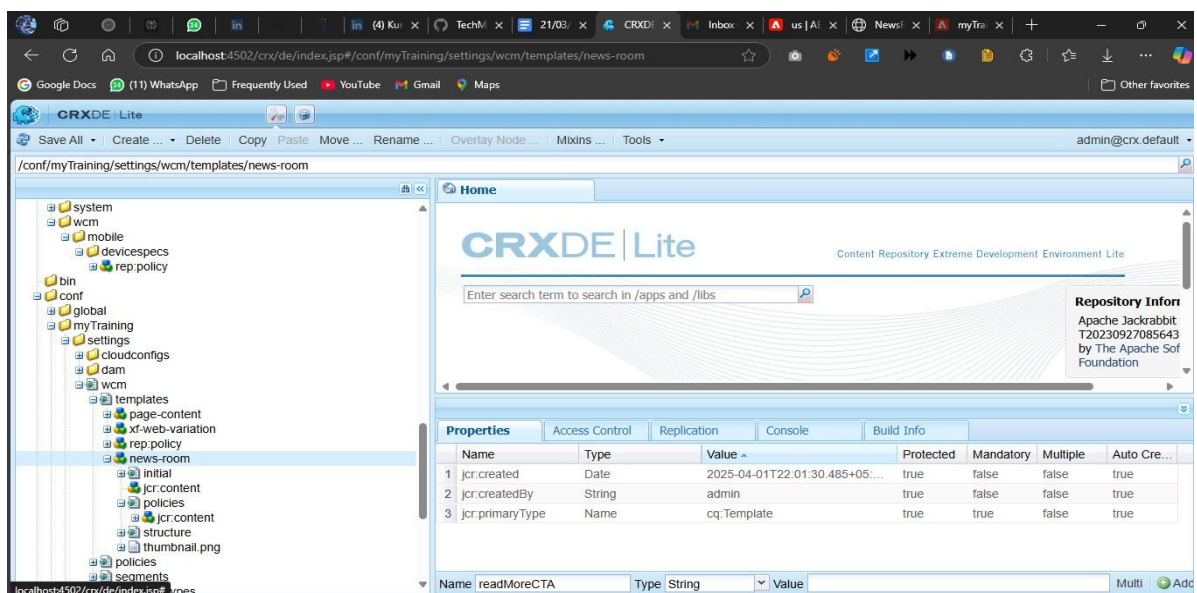
- Navigate to `ui.apps/src/main/content/jcr_root/conf/myTraining/settings/wcm/template-types/`.
- Create a folder named `newsroom-template-type`.

3.2. Create `.content.xml` for Template Type

Inside the `newsroom-template-type` folder, create a file named `.content.xml` with the following content:

```
<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:TemplateType"
  jcr:title="News Room Template Type"
  allowedPaths="/content/myTraining(/.*)?"
  allowedChildren="/apps/myTraining/components/structure/newsroom-page"/>
```

- This defines a new template type, `News Room Template Type`, and specifies that it can be used in paths under `/content/myTraining`. It also indicates that the template type allows children of the `newsroom-page` component.



4. Create News Room Template Using News Room Template Type

4.1. Folder Structure for Templates

- Navigate to `ui.apps/src/main/content/jcr_root/conf/myTraining/settings/wcm/templates/`.
- Create a folder named `newsroom-template`.

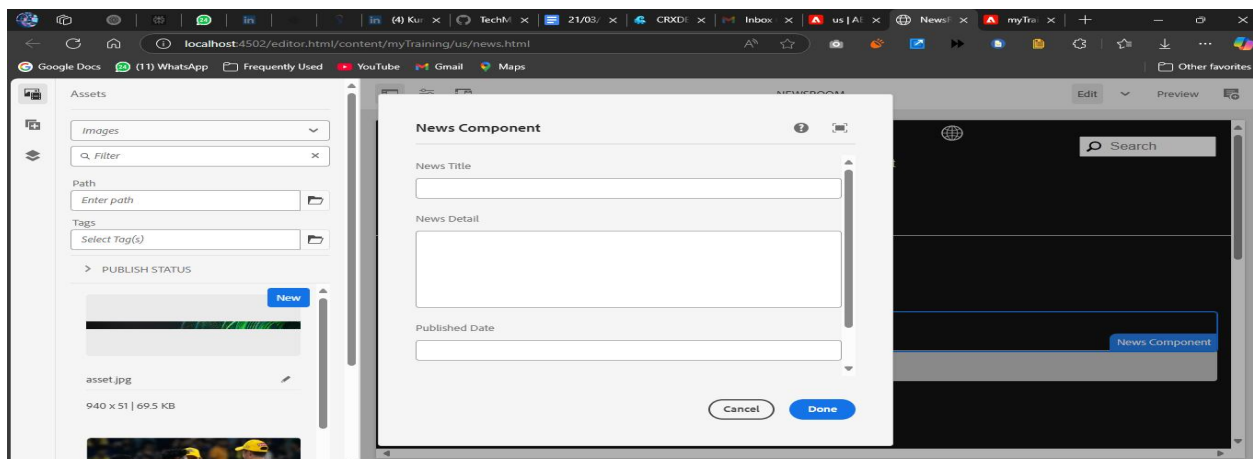
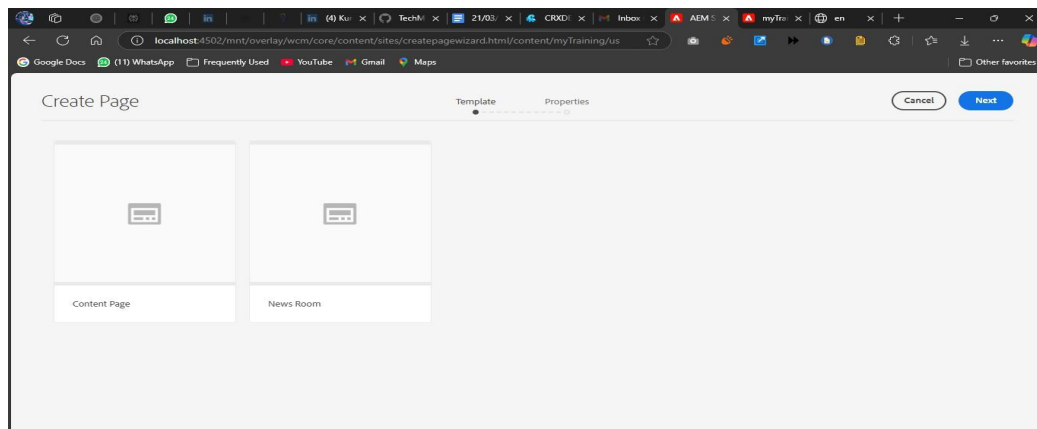
4.2. Create `.content.xml` for Template

Inside the `newsroom-template` folder, create a file named `.content.xml` with the following content:

```
<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:Template"
    jcr:title="News Room Template"
    jcr:description="Template for News Room Pages"
    allowedPaths="/content/myTraining(/.*)?"
```

```
cq:templateType="/conf/myTraining/settings/wcm/template-types/newsroom-template-type"/>
```

- This creates a **News Room Template** using the **newsroom-template-type** defined earlier, allowing authors to select this template for pages in the **/content/myTraining** path.



5. Apply Styling to News/Hello World Component from `ui.frontend`

5.1. Locate the News Component Styles

Navigate to `ui.frontend/src/main/webpack/components/news/` and locate the file `news.scss`. Add the following styles:

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

- These styles apply green to the title (`h2`), yellow to the news detail (`p`), and black to the date.

6. Create Custom Style to Apply Above Styling to Hello World or News Component

6.1. Define Custom Styles for News Component

Navigate to

`ui.apps/src/main/content/jcr_root/apps/myTraining/components/news/` and create a new `cq:style` configuration inside `.content.xml`:

```
<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="nt:unstructured">

  <cq:styleClasses jcr:primaryType="nt:unstructured">
    <style1 jcr:primaryType="nt:unstructured"
      cq:styleLabel="Green Header"
      cq:styleId="green-header"/>
  </cq:styleClasses>
</jcr:root>
```

```

<style2 jcr:primaryType="nt:unstructured"
  cq:styleLabel="Yellow News Detail"
  cq:styleId="yellow-news-detail"/>
</cq:styleClasses>
</jcr:root>

```

- This configuration allows users to apply specific styles like **Green Header** and **Yellow News Detail** through AEM's style system.

