21/03/2025 - TASKS

- **Create a News room page component using the base page component**
- **Create a custom page property as NEWS configurations where I can author the default news image. Read More CTA for News Article**
- **Create a News room template type by using the news room page component**
- **Create a News Room Template using the news room template type.**
- **Apply the styling to the news/ hello world component from ui. frontend folder**
- **Additionally, you can create a custom style to apply the above styling to Hello World or the news component.**

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1. Create News Room Page Component Using Base Page Component
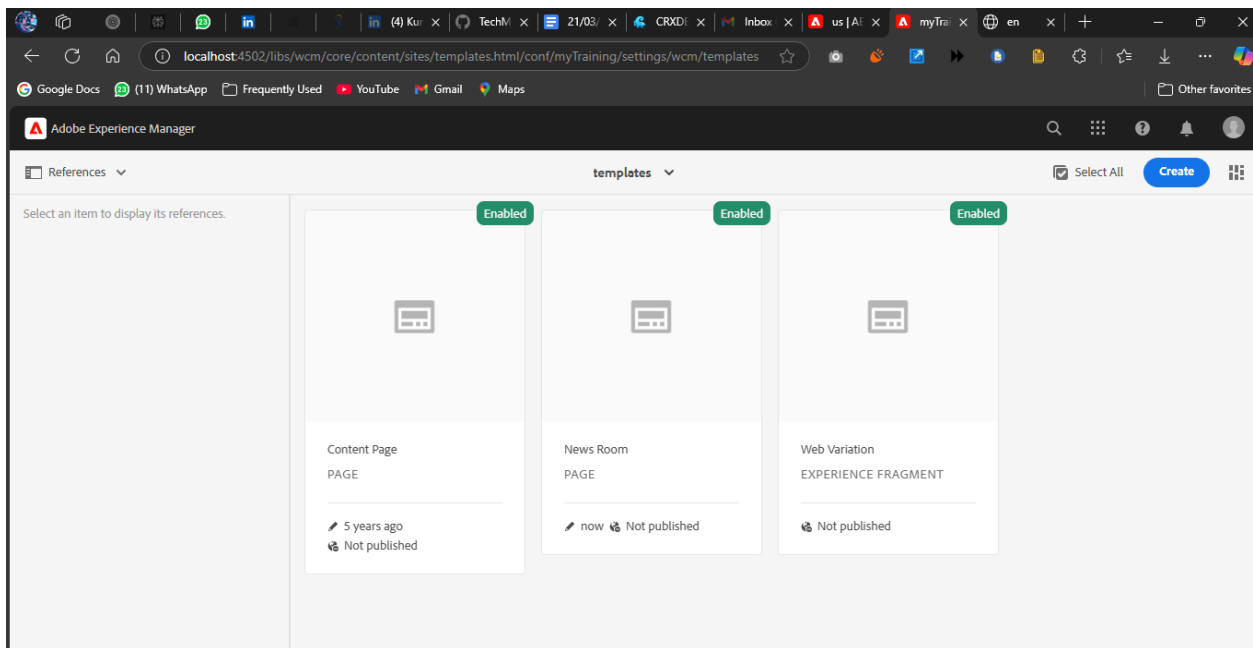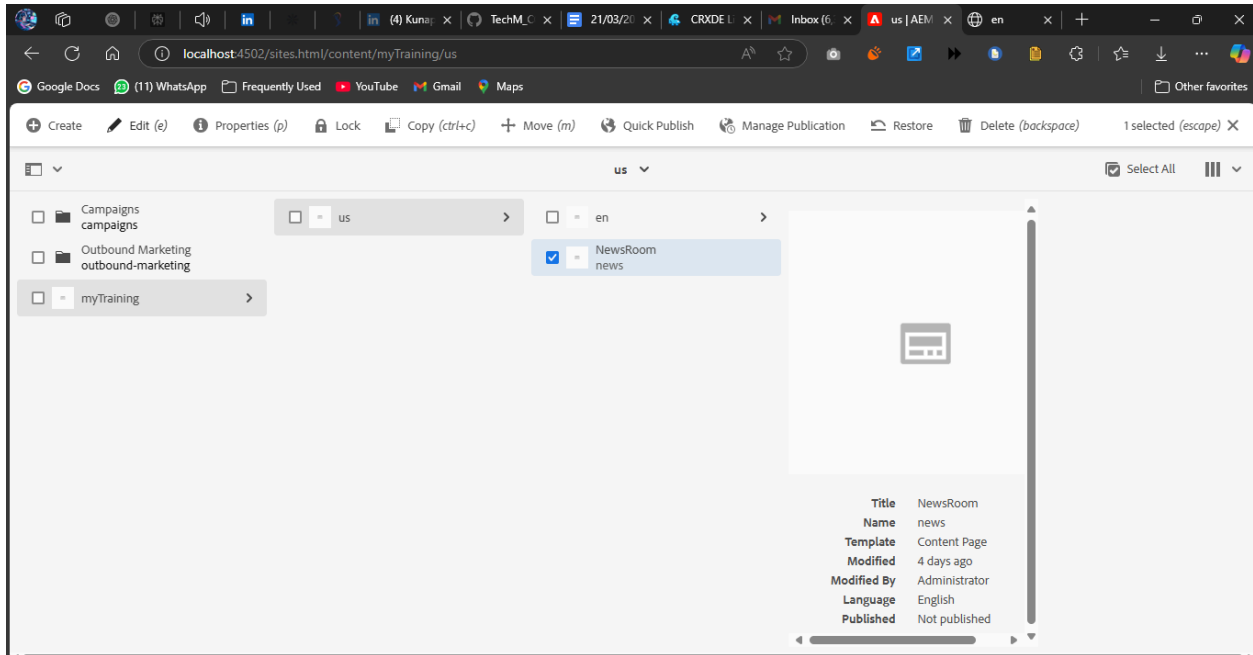
1.1. Folder Structure

- 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.

```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="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

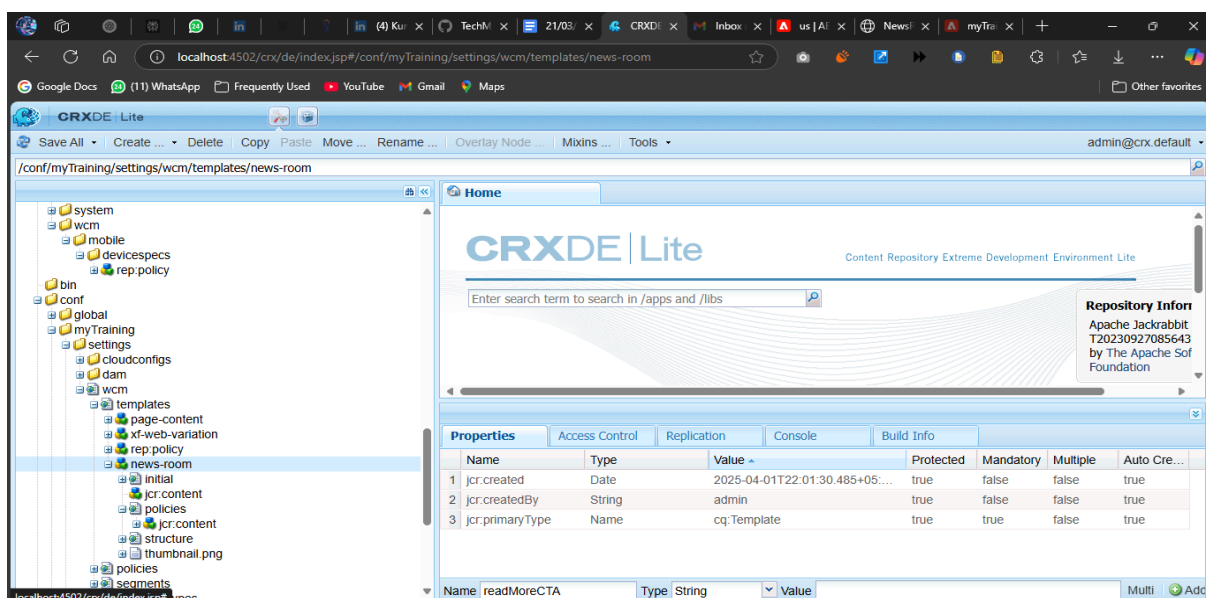### 3.1. Folder Structure for Template Types

- 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/`.

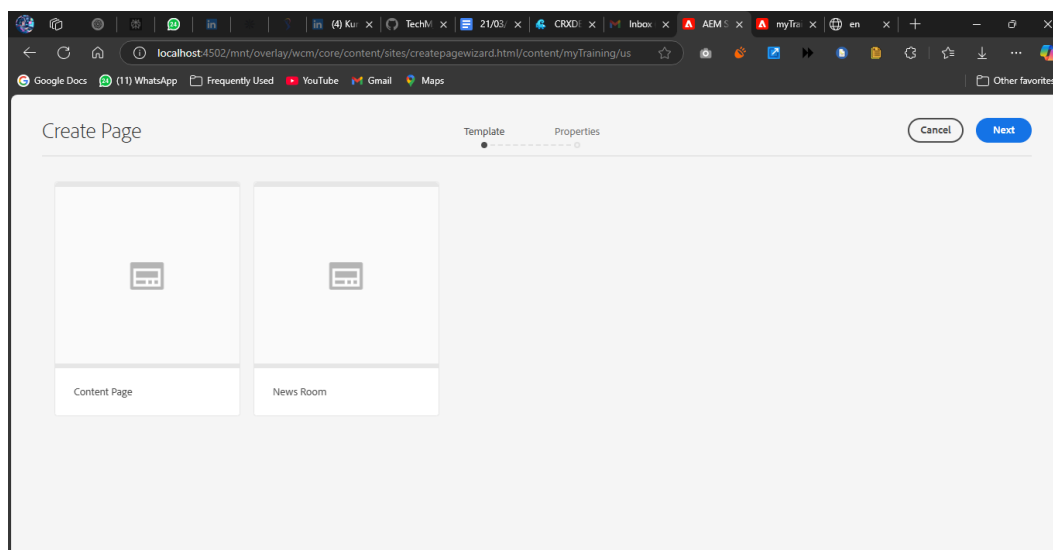- Create a folder named `newsroom-template`.
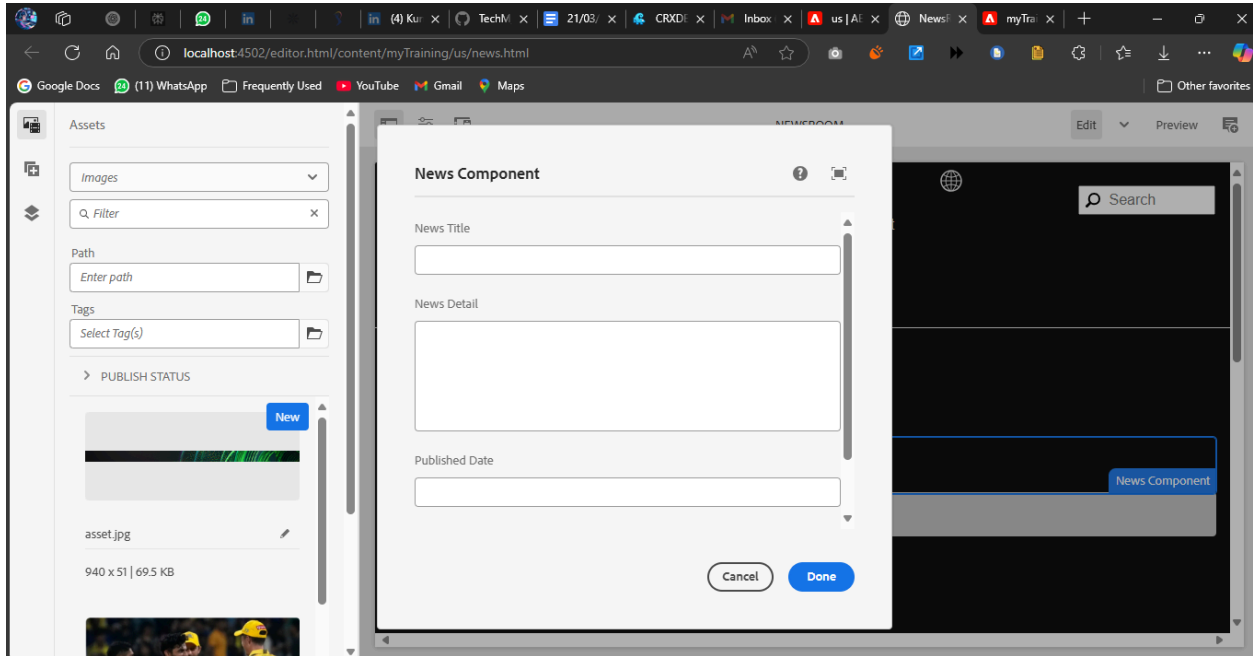
4.2. Create `.content.xml` for Template

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

```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="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`:

```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"/>
    <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.