

1. Create Newsroom page component using base page component.

Component Path: /apps/training/components/newsroompage

newsroompage.html

```
<sly data-sly-use="training.components.basepage"></sly>
```

```
<div class="newsroom-container">
```

```
  <sly data-sly-resource="{news' @ resourceType='training/components/news'}"></sly>
</div>
```

.content.xml

```
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  jcr:primaryType="cq:Component"
  jcr:title="Newsroom Page"
  componentGroup="Training Components"
  sling:resourceSuperType="training/components/basepage"/>
```



The screenshot displays the AEM interface for the 'newsRoomPage' component. The top part shows a tree view of the component structure:

- newsRoomPage
 - cq:dialog
 - content
 - items
 - textfield
 - pathfield
- newsRoomPage.html

Below the tree view, the 'Properties' tab is selected, showing a table of component properties:

Name	Type	Value
1 componentGroup	String	Assignment - Content
2 jcr:created	Date	2025-03-31T21:05:33.463+05:30
3 jcr:createdBy	String	admin
4 jcr:primaryType	Name	cq:Component
5 jcr:title	String	News Room Page
6 sling:resourceSuperType	String	core/wcm/components/page/v3/page

2. Create custom page properties as NEWS configurations, where I can author the default news image. Read More CTA for News Article.

dialog.xml

```
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  jcr:primaryType="cq:Dialog"
  cq:dialogMode="floating">
```

```
  <content jcr:primaryType="nt:unstructured">
    <items jcr:primaryType="nt:unstructured">
      <newsImage
        jcr:primaryType="nt:unstructured"
```

```

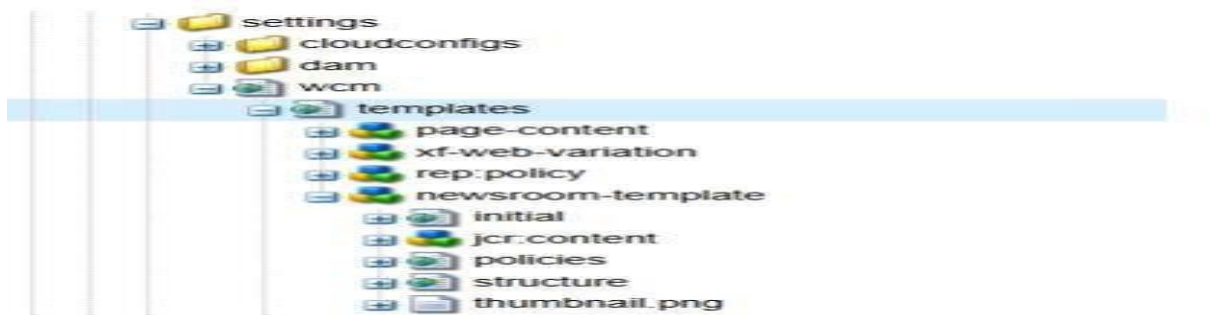
sling:resourceType="granite/ui/components/coral/foundation/form/fileupload"
fieldLabel="Default News Image"
name="./newsImage"
allowUpload="true"/>

```

```

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

```



3. Create Newsroom template type by using newsroom page component.

Component Path: /conf/training/settings/wcm/template-types/newsroom

.template-type

```

<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  jcr:primaryType="cq:TemplateType"
  jcr:title="Newsroom Template Type"
  componentGroup="Training Components"
  jcr:description="Template type for newsroom pages"
  allowedPaths="[./content/training(/.*)?]"
  allowedChildren="*"
  sling:resourceType="training/components/newsroompage"/>

```

structure/jcr:content/.content.xml

```

<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  jcr:primaryType="nt:unstructured"
  sling:resourceType="training/components/newsroompage"/>

```

	TITLE	TEMPLATE TYPE	STATUS	MODIFIED	PUBLISHED
<input type="checkbox"/>	Content Page	Page	Enabled	9 hours ago Administrator	Not published
<input type="checkbox"/>	newsroom-template	Page	Enabled	5 hours ago Administrator	Not published
<input type="checkbox"/>	Web Variation	Experience Fragment	Enabled		Not published

4. Create Newsroom Template using newsroom template type.

Component Path: /conf/training/settings/wcm/templates/newsroom

.template

```
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  jcr:primaryType="cq:Template"
  cq:templateType="/conf/training/settings/wcm/template-types/newsroom"
  jcr:title="Newsroom Template"
  allowedPaths="[content/training(/.*)?]"
  allowedChildren="*" />
```

structure/jcr:content/.content.xml

```
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  jcr:primaryType="nt:unstructured"
  sling:resourceType="training/components/newsroompage"/>
```

policies/.content.xml

```
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  jcr:primaryType="nt:unstructured"
  cq:policy="training/components/newsroompage"/>
```

5. Apply the styling to the news/ hello world component from the ui.frontend folder. Additionally, you can create a custom style to apply the above styling to the Hello World or the news component.

Component Path: /apps/training/ui.frontend/src/main/webpack/site/css

news.css

```
.news-component h2 {
  color: green;
  font-size: 24px;
}

.news-component p {
  color: yellow;
  font-size: 16px;
}

.news-component .date {
  color: black;
  font-size: 14px;
}

.hello-world {
  color: blue;
  font-size: 20px;
}
```

hello-world.css

```
.hello-world {
  color: red;
  font-size: 18px;
}
```

clientlib-news

```
<jcr:root xmlns:jcr="http://www.jcp.org/jcr/1.0"
  xmlns:cq="http://www.day.com/jcr/cq/1.0"
  jcr:primaryType="cq:ClientLibraryFolder"
  categories="[training.news]"
  dependencies="[training.base]"
  css="[news.css, hello-world.css]"/>
```

Add the client library reference in the base page component.

```
<link rel="stylesheet" href="/etc.clientlibs/training.news.css" type="text/css">
```

