Develop News Room Page Component Based on Base Page

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 HTML File for News Room Page

Inside the newsroom-page folder, create a file: newsroom-page.html

Extend the base page by adding the following code:

html

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<sly data-sly-use.basePage="com.myTraining.core.models.BasePageModel">

<div class="newsroom-page">

<sly data-sly-include="@basePage.html"/>

</div>

</sly>

This structure ensures the News Room page inherits layout and styling from the base-page component.

2. Add Custom Page Properties – News Configurations

2.1 Create Dialog for News Properties

Path:

ui.apps/src/main/content/jcr\_root/apps/myTraining/components/structure/newsroom-page/

Create a cq:dialog to allow configuration of:

A default image for news articles

The text for a “Read More” CTA

xml

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<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>

3. Create Template Type for News Room Page

3.1 Folder Setup

Navigate to:

ui.apps/src/main/content/jcr\_root/conf/myTraining/settings/wcm/template-types/

Create a folder: newsroom-template-type

3.2 Template Type Configuration

Inside the folder, create a .content.xml file:

xml

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<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"/>

4. Create News Room Template Using Template Type

4.1 Folder Setup

Navigate to:

ui.apps/src/main/content/jcr\_root/conf/myTraining/settings/wcm/templates/

Create a folder named: newsroom-template

4.2 Template Configuration

Inside the folder, create a .content.xml file:

xml

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<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"/>

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

5.1 Add Styles in SCSS

Go to:

ui.frontend/src/main/webpack/components/news/

In the news.scss file, add:

scss

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.news-component {

h2 {

color: green;

}

p {

color: yellow;

}

.date {

color: black;

}

}

These styles apply specific colors to headlines, descriptions, and dates in the news component.

6. Create Custom Styles for Hello World or News Component

6.1 Define Style Classes in .content.xml

Path:

ui.apps/src/main/content/jcr\_root/apps/myTraining/components/news/

Add the following to .content.xml:

xml

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<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 setup allows authors to apply predefined styles using AEM’s Style

