Tasks - 21/03/2025

1. Creating the News Room Page Component Using the Base Page Component

1.1 Folder Structure

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

1.2 Creating the 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 implementation ensures the News Room page inherits structure and styles from the base-page component while wrapping it in a div with the class newsroom-page.

2. Defining Custom Page Properties: NEWS Configurations

2.1 Creating the 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 news-specific properties like default news image and "Read More" CTA text.

```
<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">
```

```xml
<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>
```

This configuration allows authors to:

- Upload a default image for news articles (defaultImage).

- Specify the "Read More" call-to-action text (readMoreCTA).

3. Creating the News Room Template Type Using the 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 new folder named: newsroom-template-type

3.2 Defining .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, specifying that it can be used under /content/myTraining and supports newsroom-page as its child component.

4. Creating the News Room Template Using the 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 new folder named: newsroom-template

4.2 Defining .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 previously defined newsroom-template-type, allowing authors to select this template for pages in /content/myTraining.

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

5.1 Locate and Modify the News Component Styles

Navigate to: ui.frontend/src/main/webpack/components/news/ Locate the file news.scss and 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 details (p).

- Black to the date (.date).

6. Creating Custom Styles for the News and Hello World Components

6.1 Define Custom Styles for the News Component

Navigate to: ui.apps/src/main/content/jcr_root/apps/myTraining/components/news/ 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"/>

    <style2 jcr:primaryType="nt:unstructured"

        cq:styleLabel="Yellow News Detail"

        cq:styleId="yellow-news-detail"/>

  </cq:styleClasses>

</jcr:root>
```

This configuration allows authors to apply styles such as Green Header and Yellow News Detail to components using AEM's style system.

AEM 6.5 Latest Update Released

Adobe has announced the latest update for AEM 6.5, featuring improved content fragment enhancements, better cloud service integration, and performance optimizations.

March 20, 2025

Source: Adobe Official Blog

Hello World from AEM Service!

Hello World Component

Hello World Component

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