20-03-25

Create a News Component Using Sling Model

Develop a new component with the following fields:

- `News Title` (displayed as `<h2>`)
- `News Detail` (displayed as `<p>`)
- `Published Date`
- `Source`

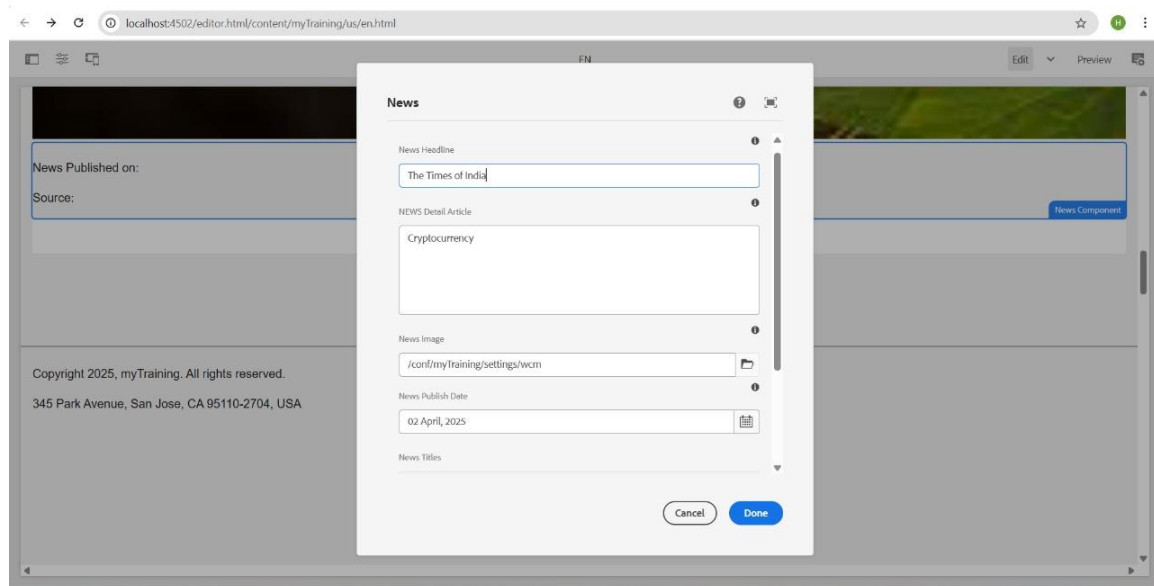Use a Sling Model to fetch and display the values.

Modify `newsComponent.html`:

```html
<div class='news'>
    <h2>${newsModel.newsTitle}</h2>
    <p>${newsModel.newsDetail}</p>
    <p class='date'>Published on: ${newsModel.publishedDate}</p>
    <p>Source: ${newsModel.source}</p>
</div>
```

Path:
http://localhost:4502/mnt/override/apps/myTraining/components/news/_cq_dialog.html/content/myTraining/us/en/jcr:content/root/container/container/news_407793687?page=true&resourceType=myTraining%2Fcomponents%2Fnews

Create a Multi-Field Component Using Sling Model

Develop a multi-field component that supports multiple news items. Fields include:

- `Title of News`
- `Source of News`

Steps:

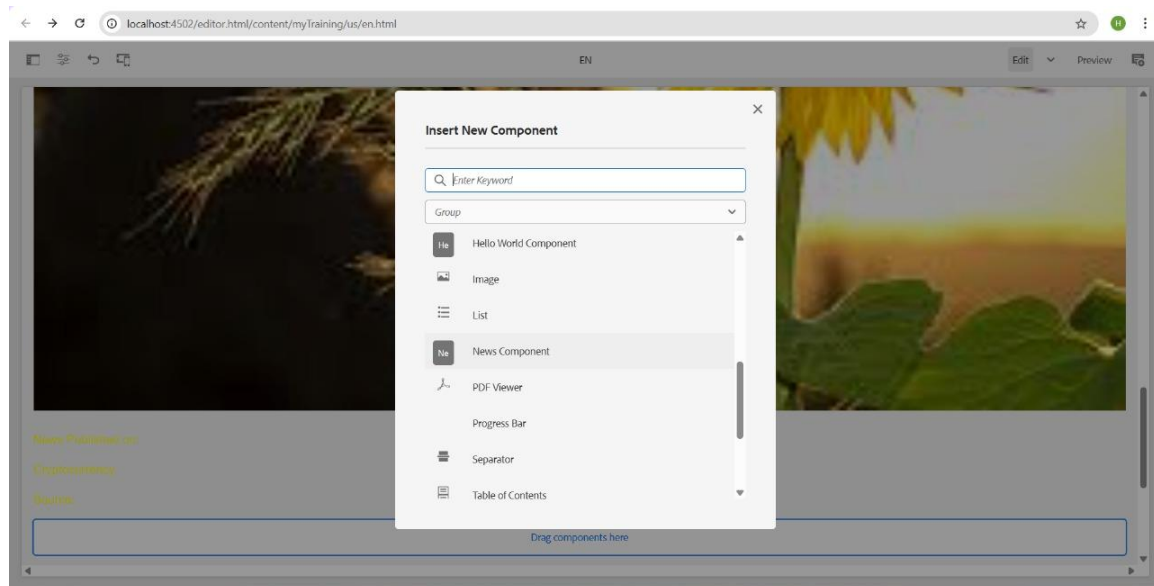1. Use Sling Model to create multiple news entries.

Modify `_cq_dialog.xml`:

```xml
<items jcr:primaryType='nt:unstructured'>
   <news jcr:primaryType='nt:unstructured'
sling:resourceType='granite/ui/components/coral/foundation/form/multifield'>
      <field jcr:primaryType='nt:unstructured'
sling:resourceType='granite/ui/components/coral/foundation/form/textfield'
fieldLabel='News Title' name='./newsTitle'/>
   </news>
</items>
```

Create Clientlibs for the News Component

Develop client-side libraries (clientlibs) for styling and scripting the news component.

Create `/apps/myProject/clientlibs/news` and add `css.txt` and `js.txt`.
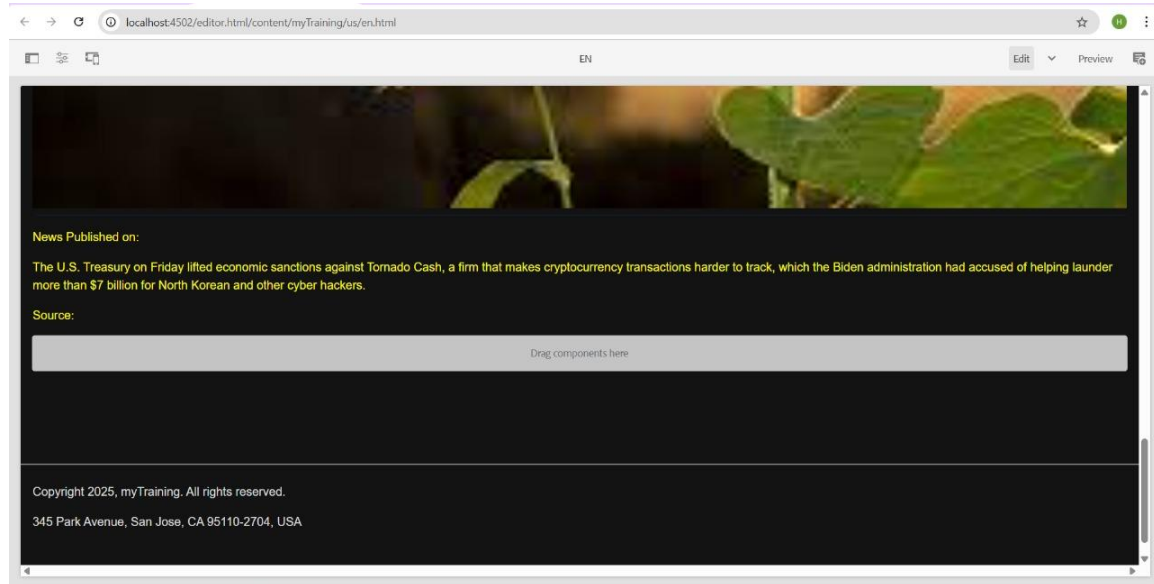

Apply Styles to the News Component

- `h2` (News Title) → Green
- `p` (News Detail) → Yellow
- `Published Date` → Black

Add a Custom Style Name to the News Component
Configure the component to allow adding a custom style name (`cop-news-component`).

Create a Base Page Component with Metadata
Modify `basepage.html` to include:

<meta property='og:title' content='${properties.ogTitle}'/>

<meta property='og:description' content='${properties.ogDescription}'/>

<meta property='og:image' content='${properties.ogImage}'/>

Create Custom Page Properties (Global Properties)
Develop custom page properties under 'Global Properties' with the following fields:
- `og:title`
- `og:description`
- `og:image` (path)

What is extraClientLibs & How to Use It?
`extraClientLibs` is a feature in AEM that allows additional client-side libraries to be loaded dynamically. Apply `extraClientLibs` in the multi-field news component to extend its styling and functionality.