**Create a News Component Using Sling Model**

Develop a new AEM component that displays the following fields:

* **News Title** (rendered as an <h2>)
* **News Detail** (rendered as a <p>)
* **Published Date**
* **Source**

Use a Sling Model to fetch and bind these fields to the component.  
Update newsComponent.html with:

html

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<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>

**Component 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 News Component Using Sling Model**

Build a multi-field AEM component that allows adding multiple news items. Each item should have:

* **Title of News**
* **Source of News**

**Steps:**

1. Use Sling Models to map and retrieve multiple news entries.
2. Update \_cq\_dialog.xml as:

xml

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<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>

**Client-Side Libraries (ClientLibs)**

Create a folder at:  
/apps/myProject/clientlibs/news

Inside the folder:

* Add css.txt and js.txt to register CSS and JS.
* Add relevant .css and .js files to style and enhance the component.

**Apply Styling to the News Component**

Style the component using the following rules:

* Make **<h2> (News Title)** green.
* Make **<p> (News Detail)** yellow.
* Style **Published Date** with black text.

Also, enable the option to apply a **custom CSS class** to the component (e.g., cop-news-component) through design dialog or configuration.

**Base Page Template with Metadata**

Update the **base page template (basepage.html)** to include Open Graph meta tags:

html

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

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

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

**Create Global Page Properties**

Under **Global Properties**, add custom page-level fields:

* og:title
* og:description
* og:image (image path)

These values will populate the meta tags for social sharing (Open Graph).

**What is extraClientLibs and How to Use It?**

extraClientLibs is an AEM feature that allows you to include additional client libraries dynamically with your component.

**Use Case in Multi-Field Component:**  
Include your custom styling or scripts in the multi-field news component by specifying extraClientLibs. This helps in extending the functionality or design without hardcoding clientlib references in templates.



