**AEM Task 4**

**Creating a News Room Page Component in AEM**

**1. Develop the News Room Page Component**

* Navigate to **apps/your-project/components/page/** in CRXDE.
* Create a new component named **news-room-page**, setting **wcm/foundation/components/page** as its superType.
* Define a **cq:dialog** to configure properties for the **default news image** and **Read More CTA** button.
* Save your changes and activate the component.

**2. Add Custom Page Properties for News Configuration**

* Open the **cq:dialog** of the **news-room-page** component.
* Add a field for the **default news image** using **granite/ui/components/foundation/form/fileupload**.
* Include a text field for the **Read More CTA** using **granite/ui/components/coral/foundation/form/textfield**.
* Save and deploy the modifications.

**3. Create the News Room Template Type**

* Navigate to **/conf/your-project/settings/wcm/template-types/** in CRXDE.
* Create a new **template type** named **news-room-template-type**.
* Set the **allowedPaths** property to **/content/your-project/.\***.
* Allow the **news-room-page** component within this template type.

**4. Build the News Room Template**

* In AEM, go to **Tools → Templates**.
* Click **Create**, then choose the **News Room Template Type**.
* Configure the **layout** and specify **allowed components**.
* Enable the template for use.

**5. Apply Styles to News and Hello World Components**

* Open **ui.frontend/src/styles/news-room.scss**.
* Define styles for **.news-room-page**, **.news-article**, and **.hello-world** components.
* Save changes and deploy using:

mvn clean install -PautoInstallPackage

**6. Create a Custom News Component Style**

* In **AEM Policies**, create a **cq:Style** for the news components.
* Define a CSS class, e.g., **.custom-news-style**.
* Apply this style using the **Style System** in the **Page Editor**.

**Screenshots**









