AEM Task-3: News Component Development Using Sling Model

News Component Development

A News Component was built using a **Sling Model**, featuring the following fields:

- **News Title** – Displayed as <h2> in **green**.

- **News Detail** – Rendered as <p> in **yellow**.

- **Published Date** – Shown in **black**.

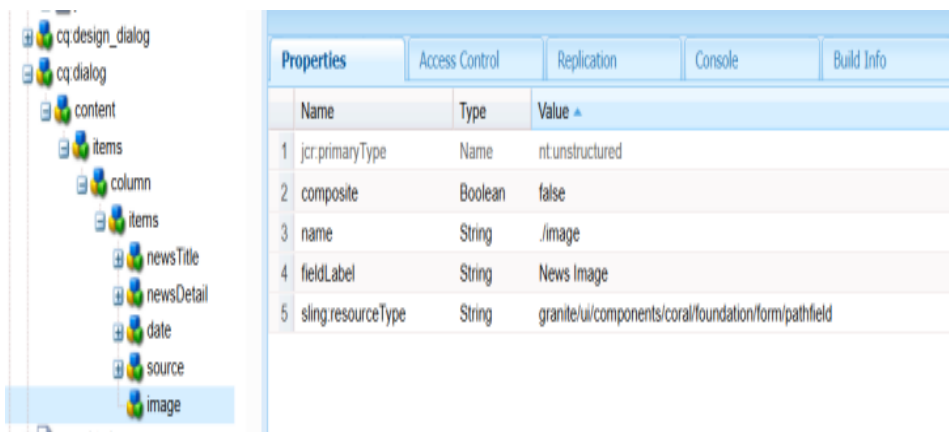- **Source** – Indicates the origin of the news.

The **Sling Model** dynamically retrieves and displays these fields within the component.

Multi-Field News Component

A **multi-field component** was developed to enable the dynamic addition of multiple news entries. It includes:

- A **repeatable structure** for adding multiple news items.

- Fields for **News Title** and **Source** for each entry.

This implementation allows content authors to manage multiple news articles within a single component instance efficiently.
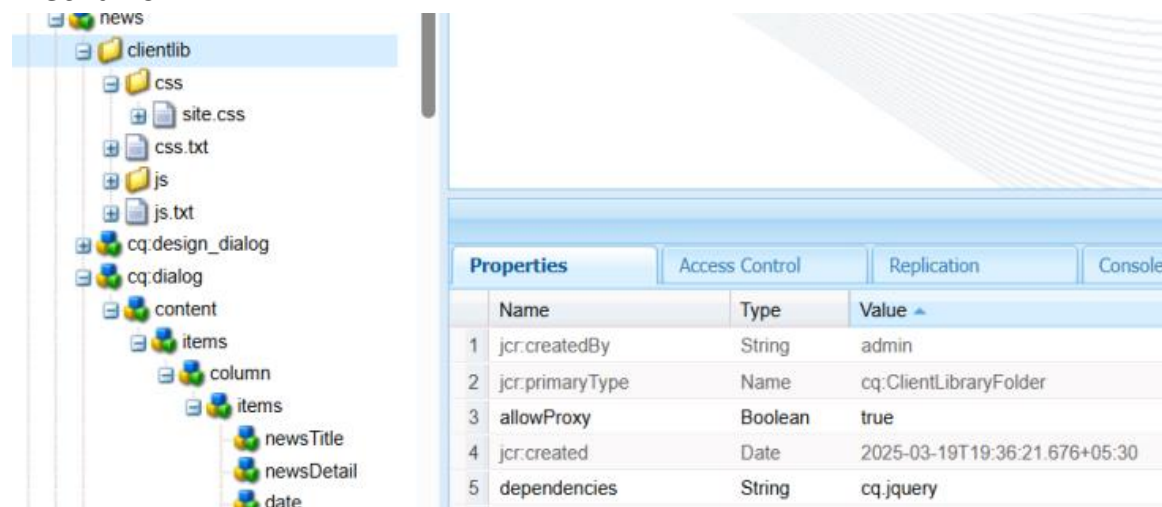
Clientlibs for the News Component

Clientlibs were utilized to style the News Component with the following design elements:

- **Heading (<h2>)** – Styled in **green**.

- **News Detail (<p>)** – Styled in **yellow**.

- **Published Date** – Displayed in **black**.

These styles were integrated into the component using AEM's **Clientlibs** mechanism.

Custom Component Style

A custom style named **cop-news-component** was added to the News Component, enabling content authors to easily apply predefined styling.

Base Page Component and Metadata Configuration

A **base page component** was created, with a linked **metadata file** to dynamically incorporate **Open Graph (OG) properties** into the page. These properties include:
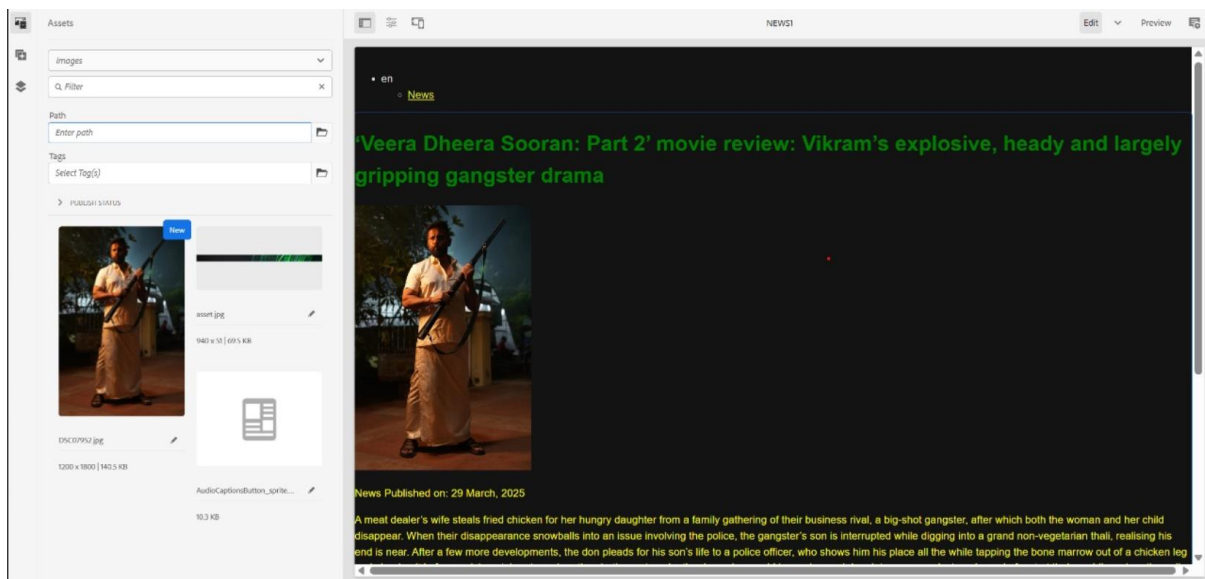
- **og:title**

- **og:description**

- **og:image**

This ensures that when the page is shared on social media, relevant metadata is displayed correctly.

Custom Page Properties

A **custom page properties configuration** was added under **"Global Properties"**, allowing content authors to define **Open Graph (OG) metadata** for each page. The configured fields include:

- **OG Title**

- **OG Description**

- **OG Image Path**

This enables seamless management of OG metadata directly from the **AEM page properties**.

ExtraClientLibs in the Multi-Field Component

The **extraClientLibs** property was used in the multi-field component to ensure that additional dependencies and scripts are loaded when the component is rendered. This enhances both the **flexibility** and **performance** of the component.