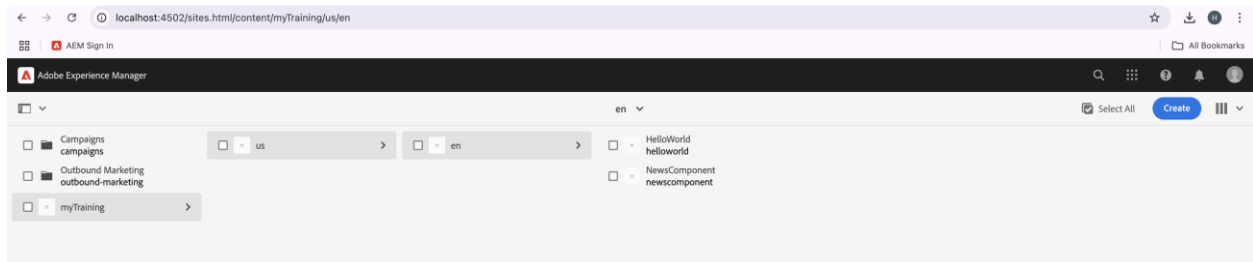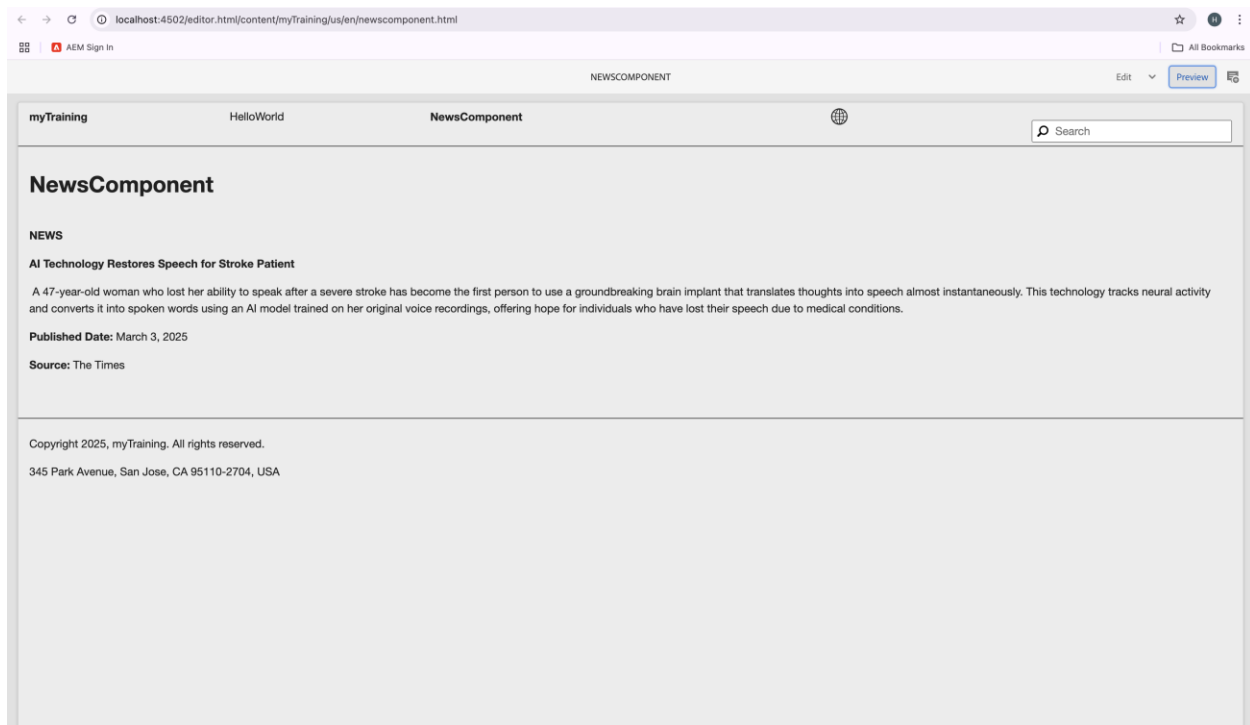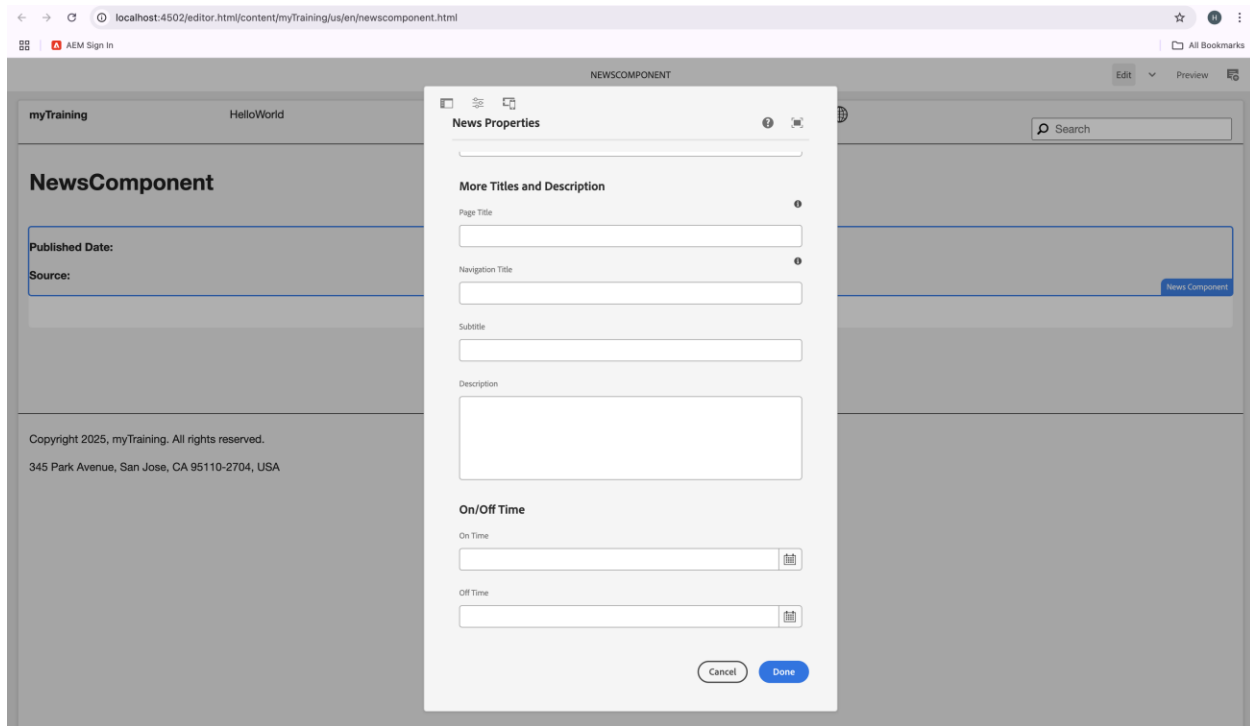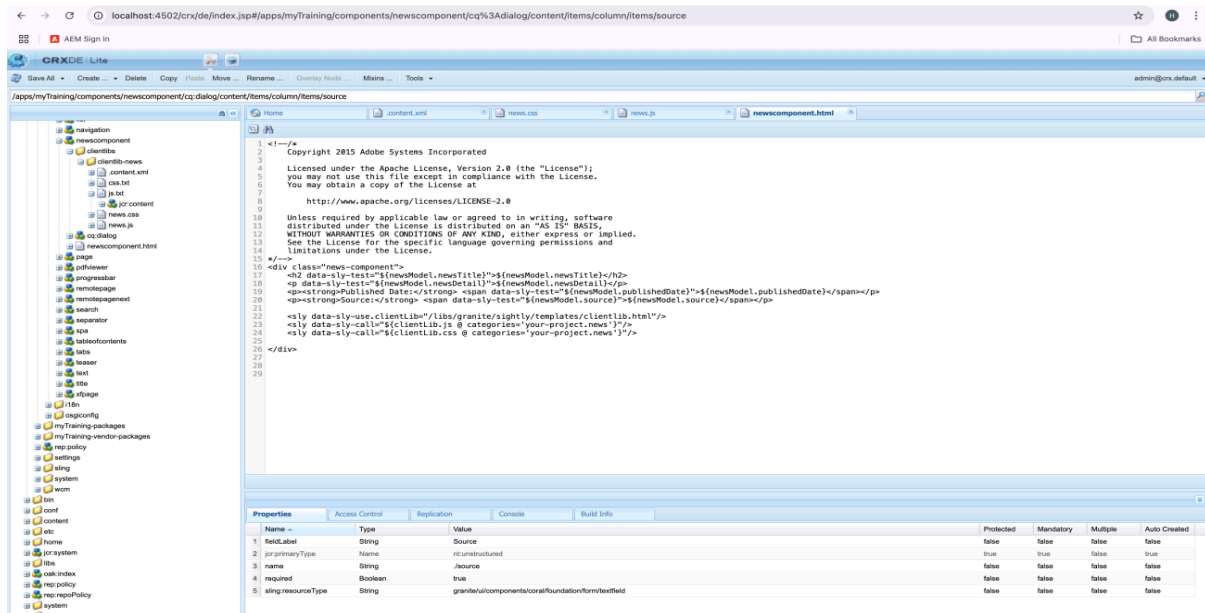# 20-03-2025 TASK

BY HARINI .A

1.Create A new component which have news title(should print as h2), news detail(<p>), published date, source create this component using sling model.

myTraining   HelloWorld

NewsComponent

News Properties

More Titles and Description

Page Title

Navigation Title

Subtitle

Description

On/Off Time

On Time

Off Time

Published Date:

Source:

News Component

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Cancel   Done

---

myTraining   HelloWorld   NewsComponent   Search

NewsComponent

NEWS

AI Technology Restores Speech for Stroke Patient

 A 47-year-old woman who lost her ability to speak after a severe stroke has become the first person to use a groundbreaking brain implant that translates thoughts into speech almost instantaneously. This technology tracks neural activity and converts it into spoken words using an AI model trained on her original voice recordings, offering hope for individuals who have lost their speech due to medical conditions.

Published Date: March 3, 2025

Source: The Times

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2.Create multi field component(multiple news) using sling model fields: title of new and source of news
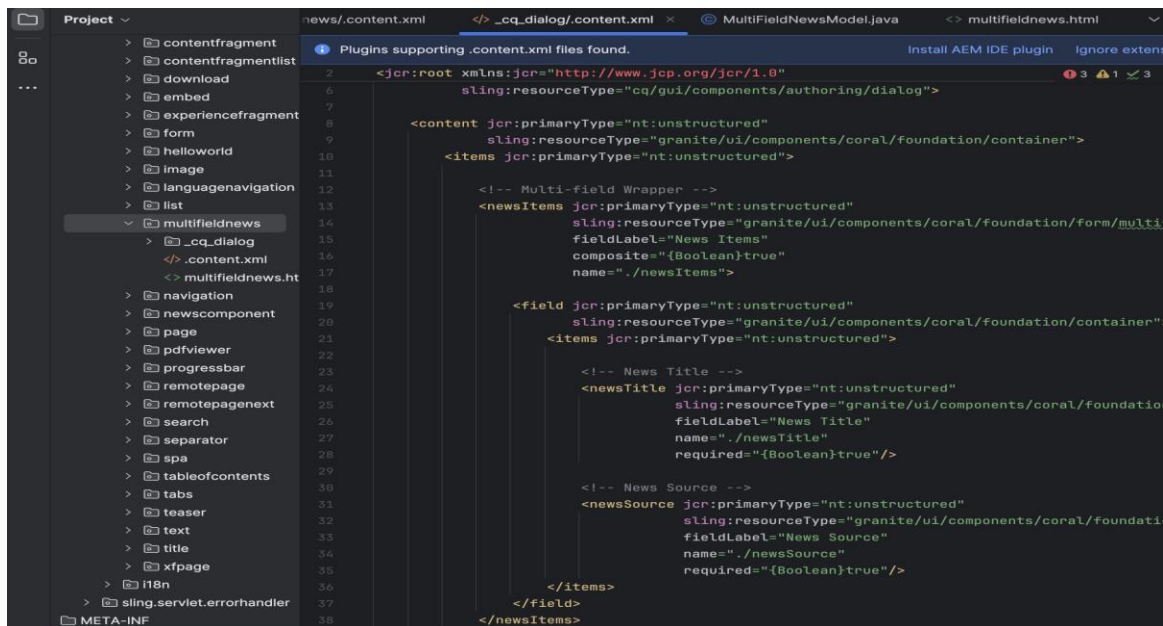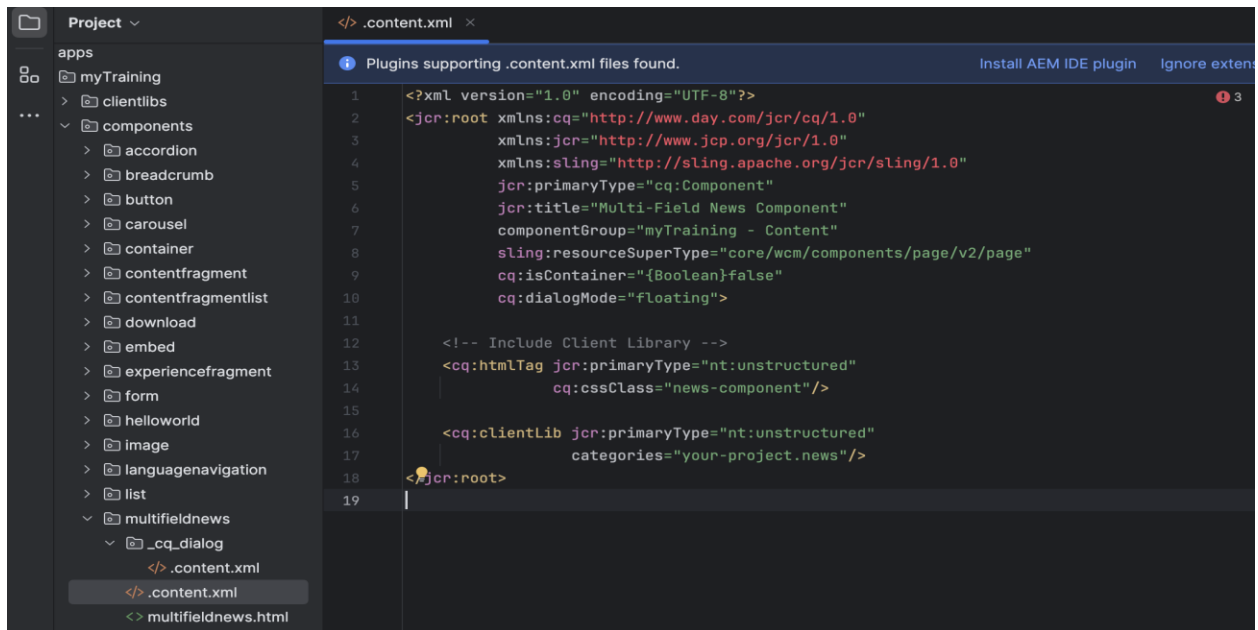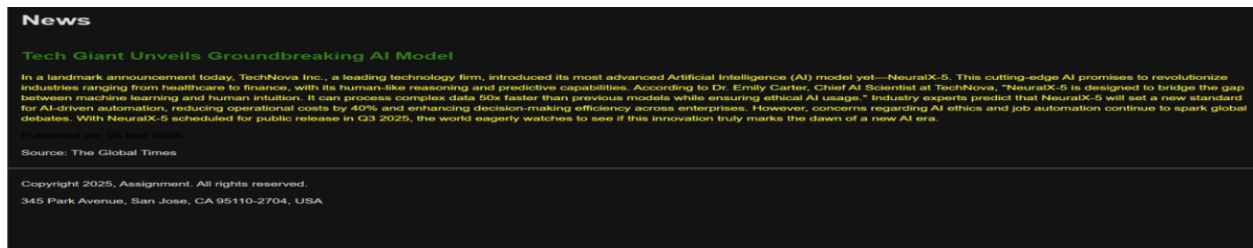
3.Create clientlibs for news component
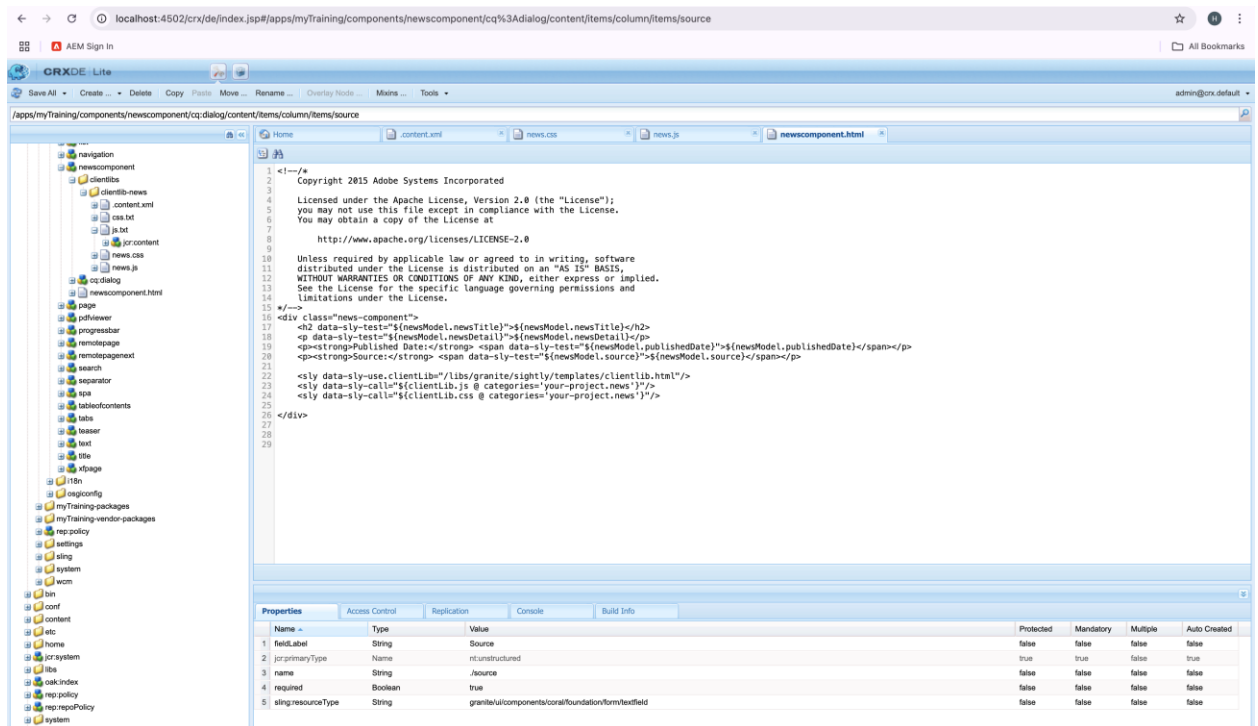
4.Apply Green colour to the heading(h2) and yellow colour to news detail(<p>) and date should be black in colour.

5.Add Component style to add custom style name (cop-news-component)in news component

Modify newscomponent.html:

```html
<div class="cop-news-component">
    <h2 class="title">${news.title}</h2>
    <p class="detail">${news.detail}</p>
    <p class="date">${news.publishedDate}</p>
    <p class="source"><strong>Source:</strong> ${news.source}</p>
</div>
```

6.Create a base page component and add new file as metadata so that it can print og:title, og:description and og:image link that file in base page.html

In /apps/project/components/page/basepage.html

```html
<html>
<head>
    <meta property="og:title" content="${pageProperties.ogTitle}" />
    <meta property="og:description" content="${pageProperties.ogDescription}" />
    <meta property="og:image" content="${pageProperties.ogImage}" />
</head>
<body>
    <sly data-sly-resource="${'content' @
resourceType='project/components/content'}" />
</body>
</html>
```

7.Create custom page properties saying Global properties and 3 fields should be there as og:title, og :description and og:image path

Modify cq:dialog for the page component:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<jcr:root xmlns:sling="http://sling.apache.org/jcr/sling/1.0"
      xmlns:jcr="http://www.jcp.org/jcr/1.0"
      jcr:primaryType="cq:Dialog"
      cq:dialogMode="floating">

  <content jcr:primaryType="cq:WidgetCollection">
    <ogTitle
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
        fieldLabel="OG Title"
        name="./ogTitle"/>
    <ogDescription
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
        fieldLabel="OG Description"
        name="./ogDescription"/>
    <ogImage
        jcr:primaryType="nt:unstructured"
        sling:resourceType="granite/ui/components/coral/foundation/form/pathfield"
        fieldLabel="OG Image Path"
        name="./ogImage"/>
  </content>
</jcr:root>
```

8. What is extraclientlib add it this multi field component

extraClientLibs is an AEM property used to load additional client libraries beyond the default ones specified in categories. It allows extra styles or scripts to be added dynamically.