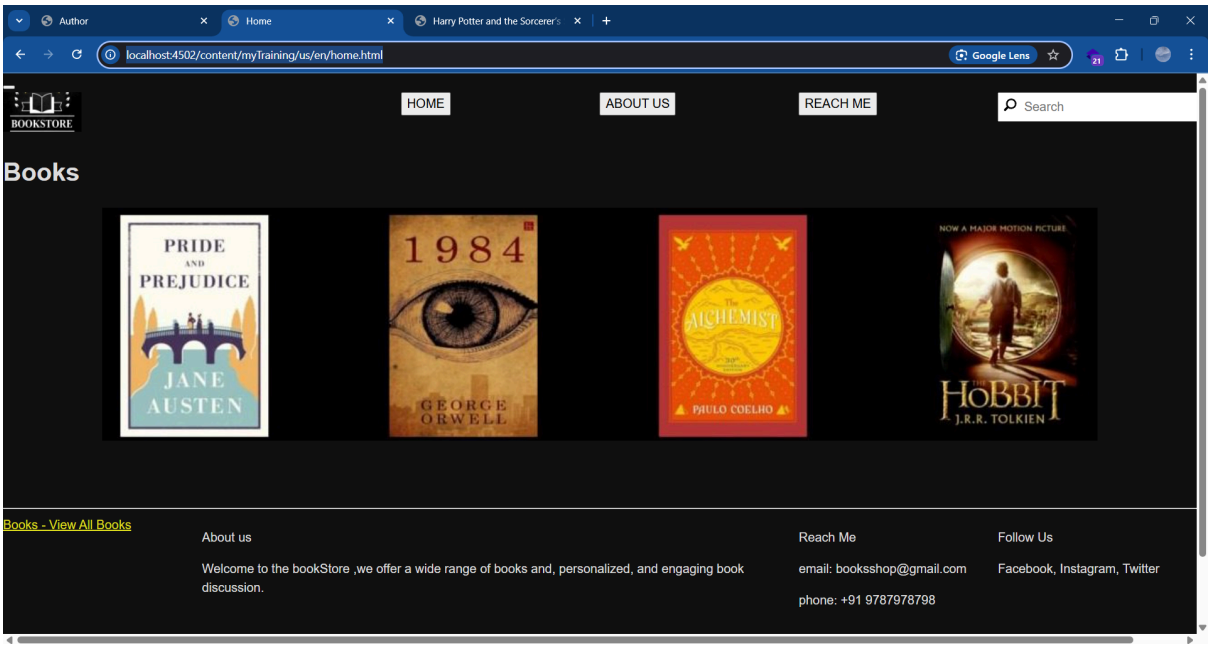
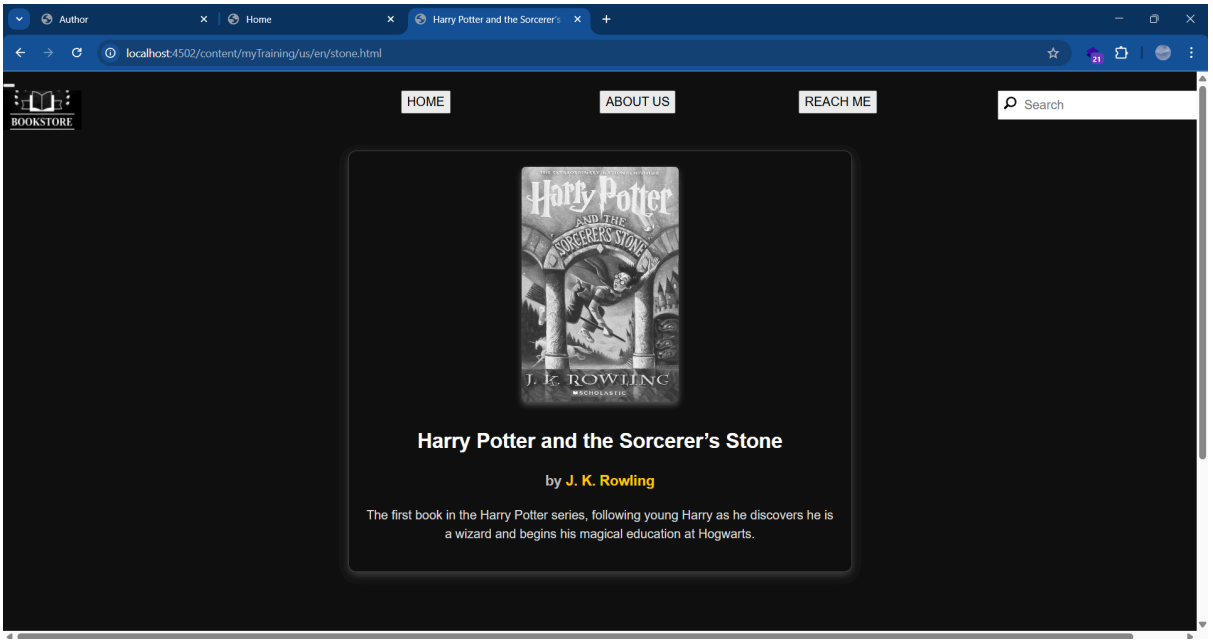
AEM TASK - 5

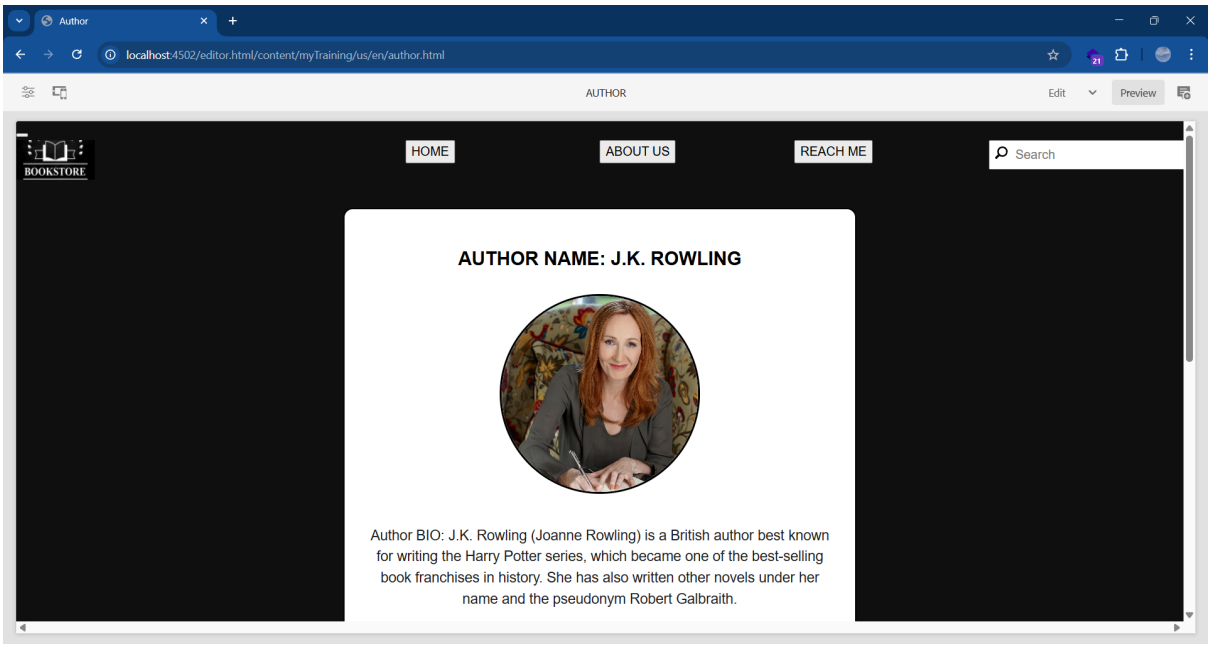
Home Page:

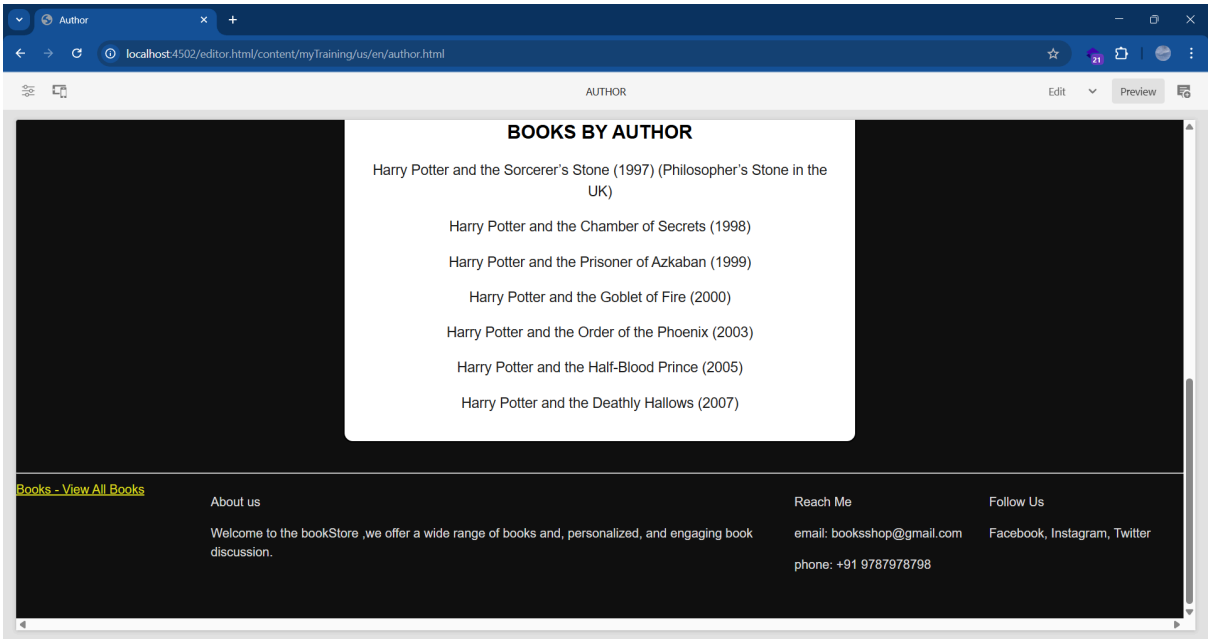


Book Page: - link in the author name is highlighted which points to author page



Author Page:


Author
localhost:4502/editor.html/content/myTraining/us/en/author.html
AUTHOR
Edit
Preview
BOOKSTORE
HOME
ABOUT US
REACH ME
Search
AUTHOR NAME: J.K. ROWLING
Author BIO: J.K. Rowling (Joanne Rowling) is a British author best known for writing the Harry Potter series, which became one of the best-selling book franchises in history. She has also written other novels under her name and the pseudonym Robert Galbraith.


Author
localhost:4502/editor.html/content/myTraining/us/en/author.html
AUTHOR
Edit
Preview
BOOKS BY AUTHOR
Harry Potter and the Sorcerer's Stone (1997) (Philosopher's Stone in the UK)
Harry Potter and the Chamber of Secrets (1998)
Harry Potter and the Prisoner of Azkaban (1999)
Harry Potter and the Goblet of Fire (2000)
Harry Potter and the Order of the Phoenix (2003)
Harry Potter and the Half-Blood Prince (2005)
Harry Potter and the Deathly Hallows (2007)
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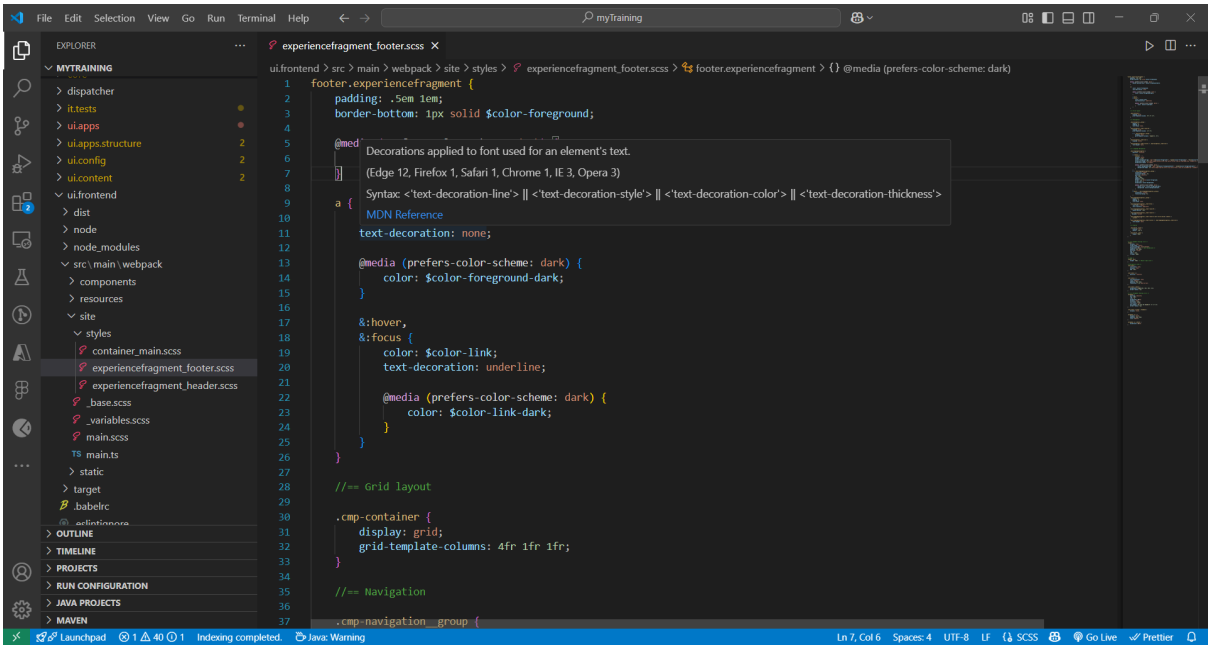
Apply Styling on Header & Footer:

To style the header and footer, use the AEM Style System and update CSS styles in the ui.frontend module.

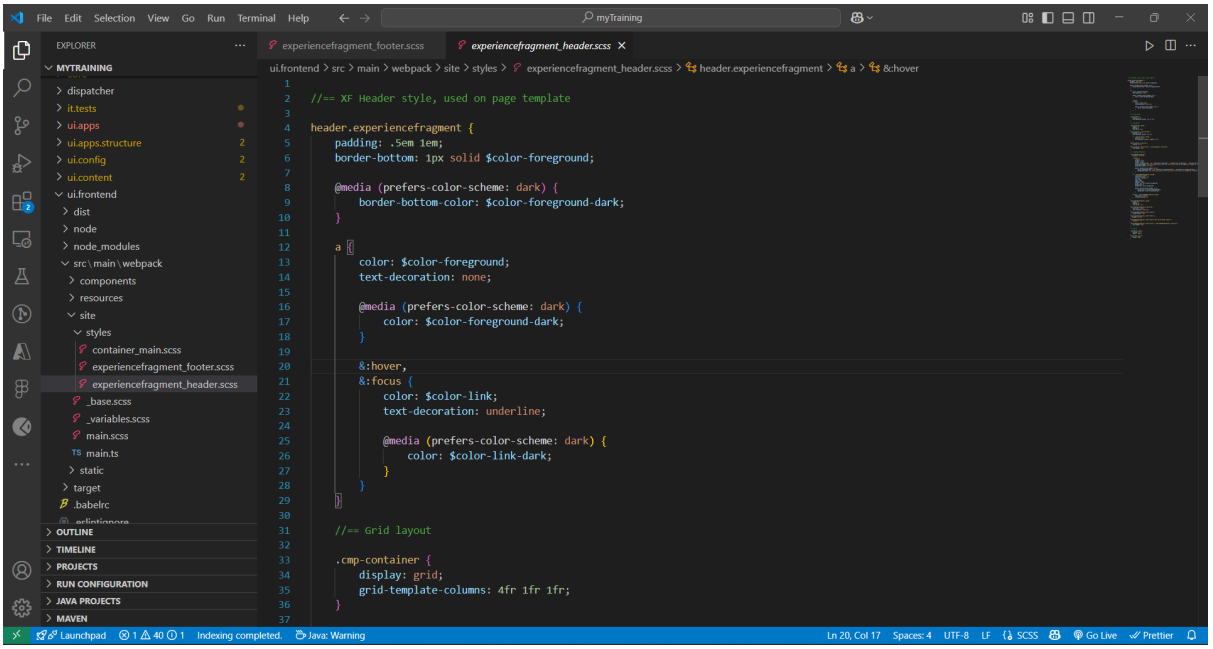
Header:




```scss
footer.experiencefragment {
    padding: .5em 1em;
    border-bottom: 1px solid $color-foreground;

    @med
}
a {
    text-decoration: none;

    @media (prefers-color-scheme: dark) {
        color: $color-foreground-dark;
    }

    &:hover,
    &:focus {
        color: $color-link;
        text-decoration: underline;

        @media (prefers-color-scheme: dark) {
            color: $color-link-dark;
        }
    }
}

//== Grid layout

.cmp-container {
    display: grid;
    grid-template-columns: 4fr 1fr 1fr;
}

//== Navigation

.cmp-navigation__group {
```

Decorations applied to font used for an element's text.
(Edge 12, Firefox 1, Safari 1, Chrome 1, IE 3, Opera 3)
Syntax: <'text-decoration-line'> || <'text-decoration-style'> || <'text-decoration-color'> || <'text-decoration-thickness'>
MDN Reference

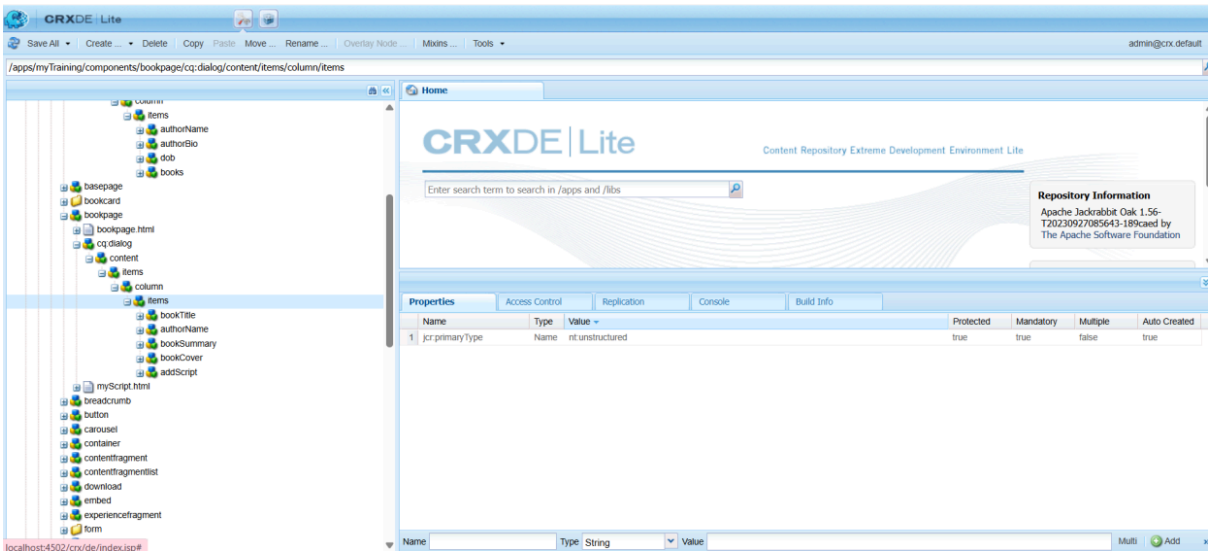
Footer:




```scss
//== XF Header style, used on page template

header.experiencefragment {
    padding: .5em 1em;
    border-bottom: 1px solid $color-foreground;

    @media (prefers-color-scheme: dark) {
        border-bottom-color: $color-foreground-dark;
    }

    a {
        color: $color-foreground;
        text-decoration: none;

        @media (prefers-color-scheme: dark) {
            color: $color-foreground-dark;
        }

        &:hover,
        &:focus {
            color: $color-link;
            text-decoration: underline;

            @media (prefers-color-scheme: dark) {
                color: $color-link-dark;
            }
        }
    }

    //== Grid layout

    .cmp-container {
        display: grid;
        grid-template-columns: 4fr 1fr 1fr;
    }
```

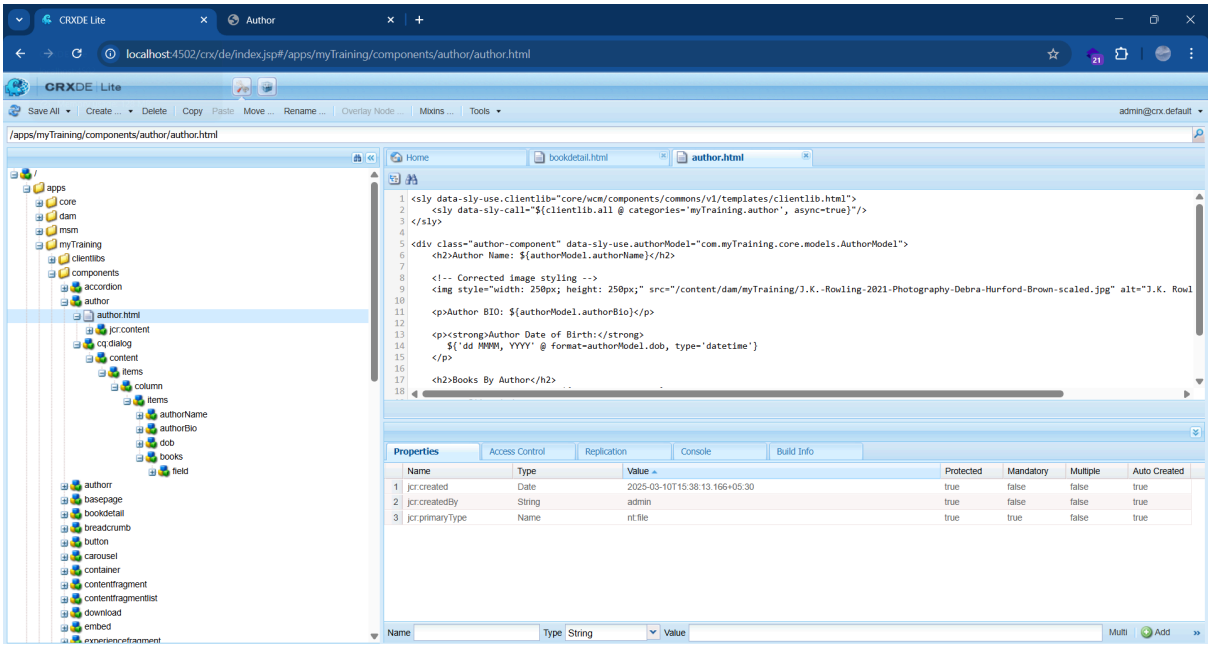
Custom Page Property:

A new textarea property 'addScript' was added to the Book Page component, allowing authors to inject scripts dynamically.

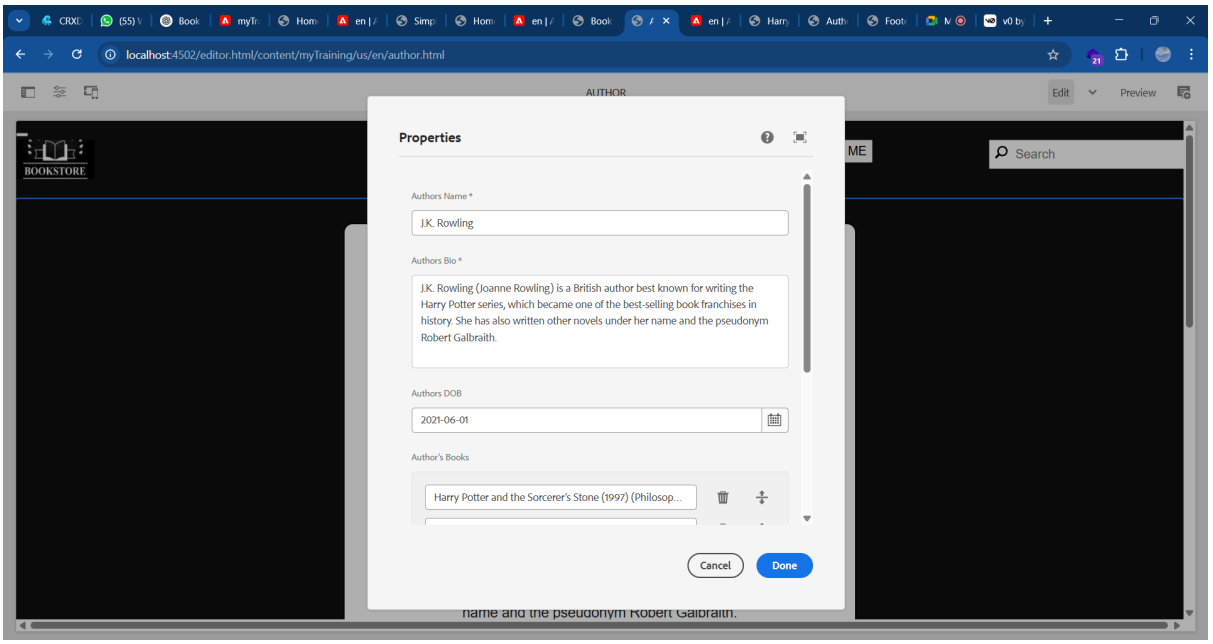


Updates to Author Component :

A new text property and a multifield for books were added to the Author component. A Sling model was implemented to fetch these properties.

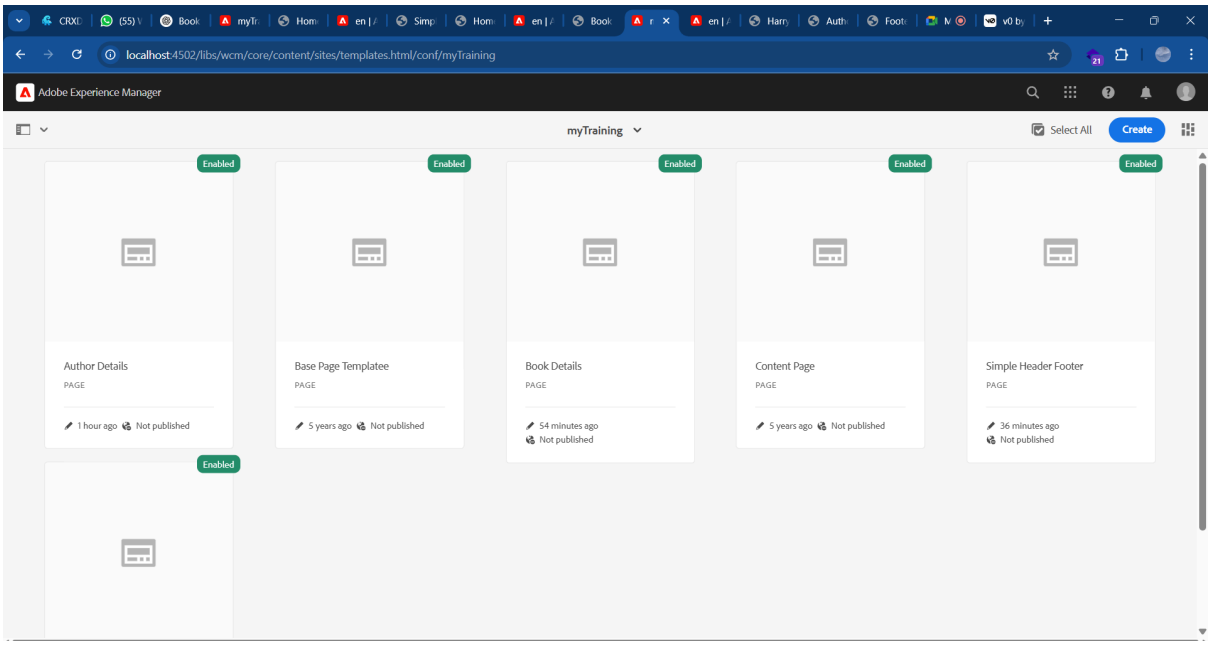


Author Details Component implemented by multifield:

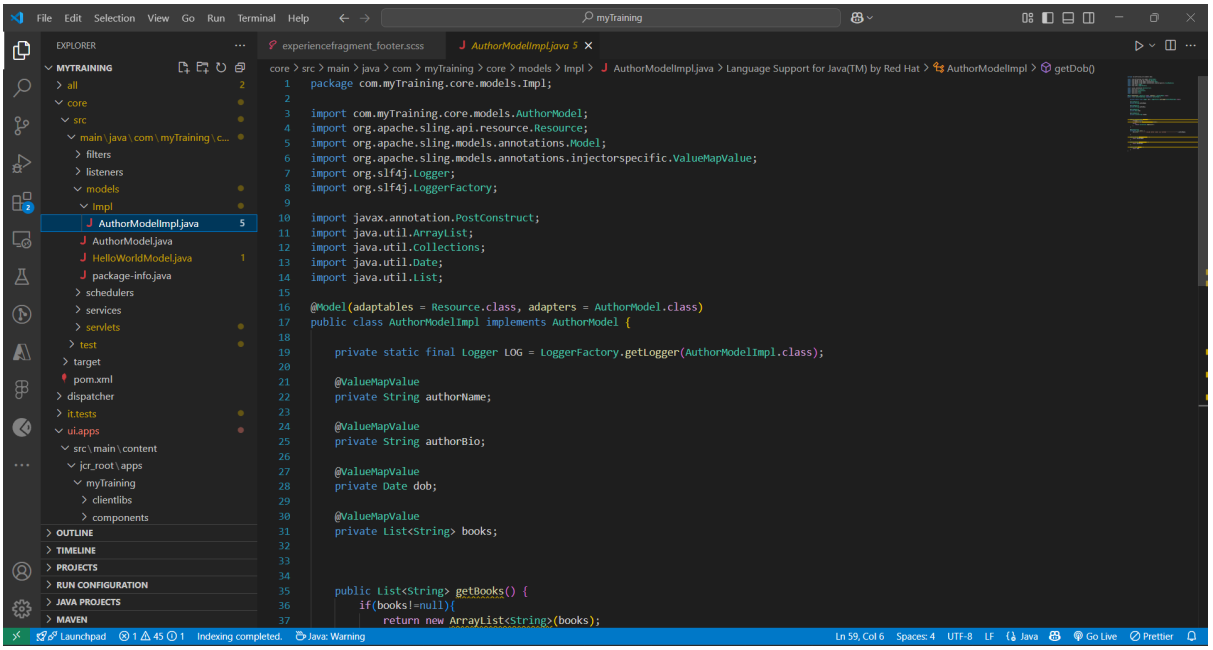


Creating 'About Book Template' :

A new template was created using the base page template, enabling authors to generate book-related pages efficiently.



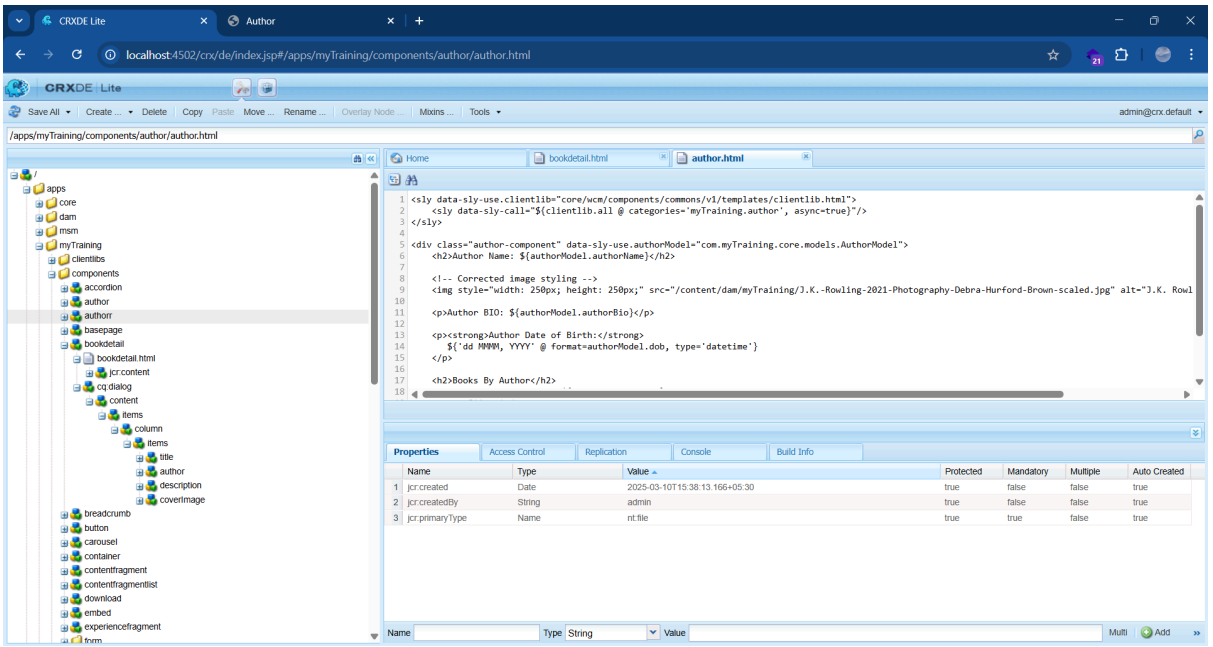
Configuring AuthorModel for accepting multifield inputs from user:



```java
package com.myTraining.core.models.Impl;

import com.myTraining.core.models.AuthorModel;
import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;
import org.slf4j.Logger;
import org.slf4j.LoggerFactory;

import javax.annotation.PostConstruct;
import java.util.ArrayList;
import java.util.Collections;
import java.util.Date;
import java.util.List;

@Model(adaptables = Resource.class, adapters = AuthorModel.class)
public class AuthorModelImpl implements AuthorModel {

    private static final Logger LOG = LoggerFactory.getLogger(AuthorModelImpl.class);

    @ValueMapValue
    private String authorName;

    @ValueMapValue
    private String authorBio;

    @ValueMapValue
    private Date dob;

    @ValueMapValue
    private List<String> books;



    public List<String> getBooks() {
        if(books!=null){
            return new ArrayList<String>(books);
```

Creating Book Page Component:

A Book Page component was developed, utilizing the base page template. It fetches properties and allows dynamic content addition



```
<sly data-sly-use.clientlib="core/wcm/components/commons/v1/templates/clientlib.html">
    <sly data-sly-call="${clientlib.all @ categories='myTraining.author', async=true}"/>
</sly>

<div class="author-component" data-sly-use.authorModel="com.myTraining.core.models.AuthorModel">
    <h2>Author Name: ${authorModel.authorName}</h2>

    <!-- Corrected image styling -->
    <img style="width: 250px; height: 250px;" src="/content/dam/myTraining/J.K.-Rowling-2021-Photography-Debra-Hurford-Brown-scaled.jpg" alt="J.K. Rowl

    <p>Author BIO: ${authorModel.authorBio}</p>

    <p><strong>Author Date of Birth:</strong>
       ${'dd MMMM, YYYY' @ format=authorModel.dob, type='datetime'}
    </p>

    <h2>Books By Author</h2>
```