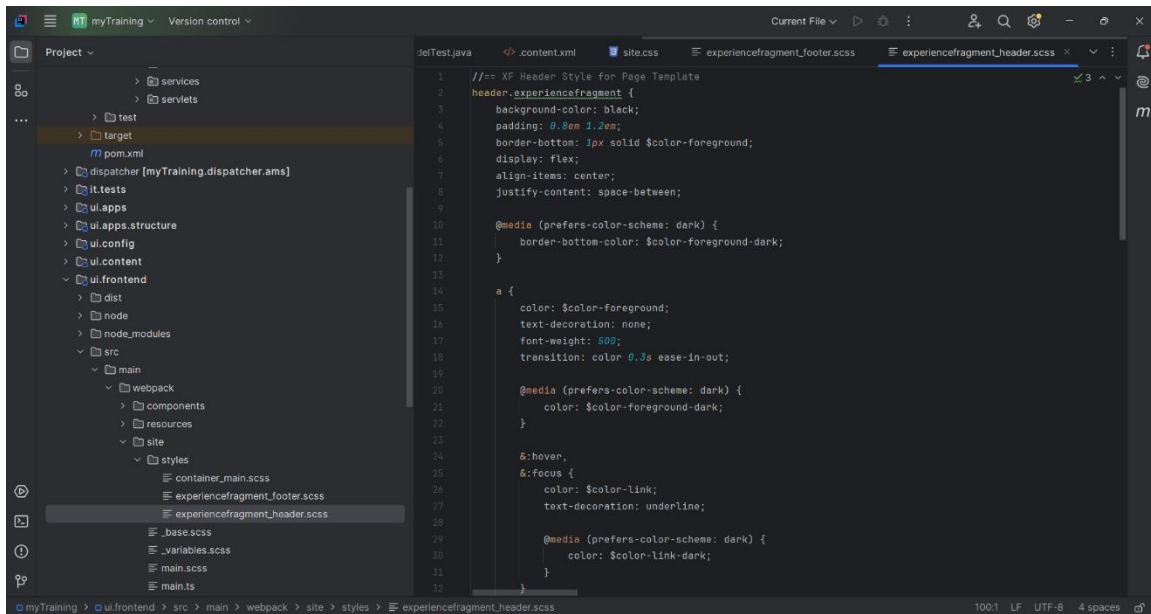


AEM TASK

1. Apply styling to the header and footer using the AEM Style System and update the CSS styles in the ui.frontend module.

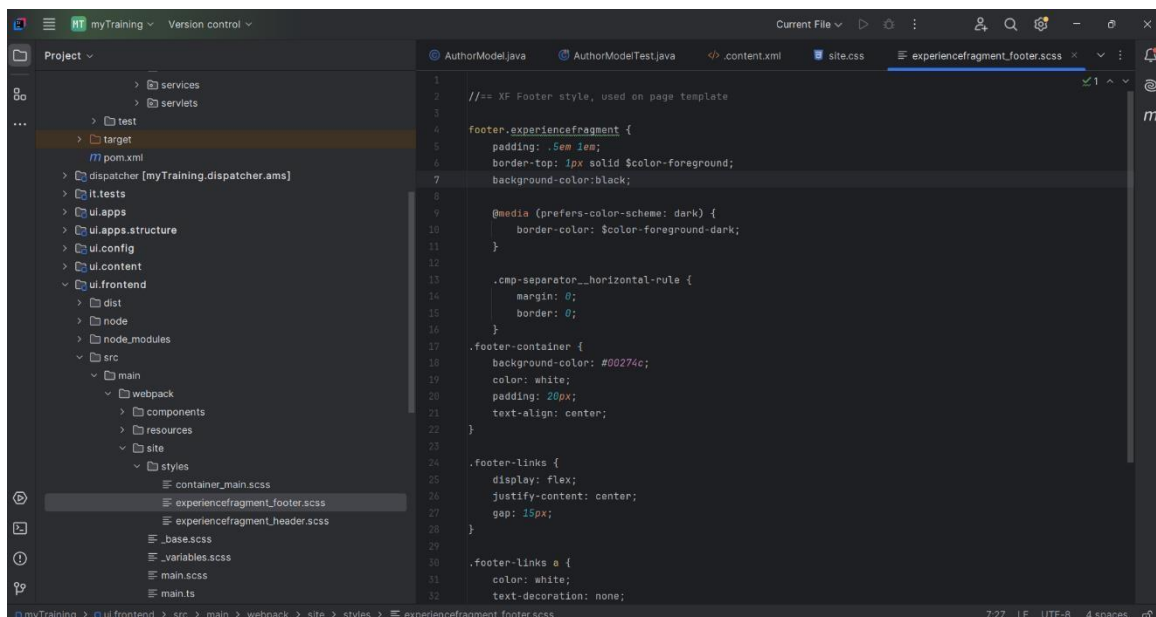
For Header:



The screenshot shows the Visual Studio Code editor with the 'myTraining' project open. The file explorer on the left shows the project structure, with the 'ui.frontend' module selected. The main editor displays the 'experiencefragment_header.scss' file. The code defines a header style for the 'experiencefragment' component, including background color, padding, border, and text styling for links.

```
1 //== XF Header Style for Page Template
2 header.experiencefragment {
3   background-color: black;
4   padding: 0.8em 1.2em;
5   border-bottom: 1px solid $color-foreground;
6   display: flex;
7   align-items: center;
8   justify-content: space-between;
9
10  @media (prefers-color-scheme: dark) {
11    border-bottom-color: $color-foreground-dark;
12  }
13
14  a {
15    color: $color-foreground;
16    text-decoration: none;
17    font-weight: 500;
18    transition: color 0.3s ease-in-out;
19
20    @media (prefers-color-scheme: dark) {
21      color: $color-foreground-dark;
22    }
23
24    &:hover,
25    &:focus {
26      color: $color-link;
27      text-decoration: underline;
28
29      @media (prefers-color-scheme: dark) {
30        color: $color-link-dark;
31      }
32    }
33  }
```

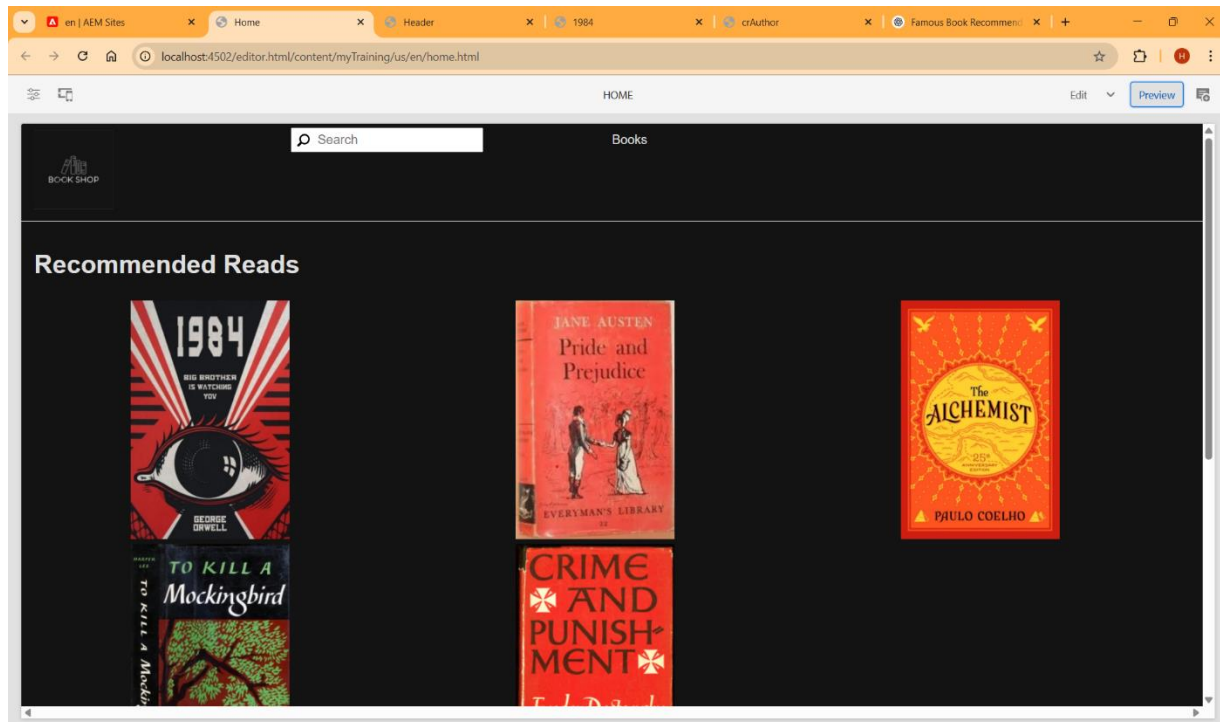
For Footer:



The screenshot shows the Visual Studio Code editor with the 'myTraining' project open. The file explorer on the left shows the project structure, with the 'ui.frontend' module selected. The main editor displays the 'experiencefragment_footer.scss' file. The code defines a footer style for the 'experiencefragment' component, including padding, border, background color, and text styling for links.

```
1 //== XF Footer style, used on page template
2
3 footer.experiencefragment {
4   padding: .5em 1em;
5   border-top: 1px solid $color-foreground;
6   background-color: black;
7
8   @media (prefers-color-scheme: dark) {
9     border-color: $color-foreground-dark;
10  }
11
12  .cmp-separator__horizontal-rule {
13    margin: 0;
14    border: 0;
15  }
16
17  .footer-container {
18    background-color: #00274c;
19    color: white;
20    padding: 20px;
21    text-align: center;
22  }
23
24  .footer-links {
25    display: flex;
26    justify-content: center;
27    gap: 15px;
28  }
29
30  .footer-links a {
31    color: white;
32    text-decoration: none;
```

Header of Page:

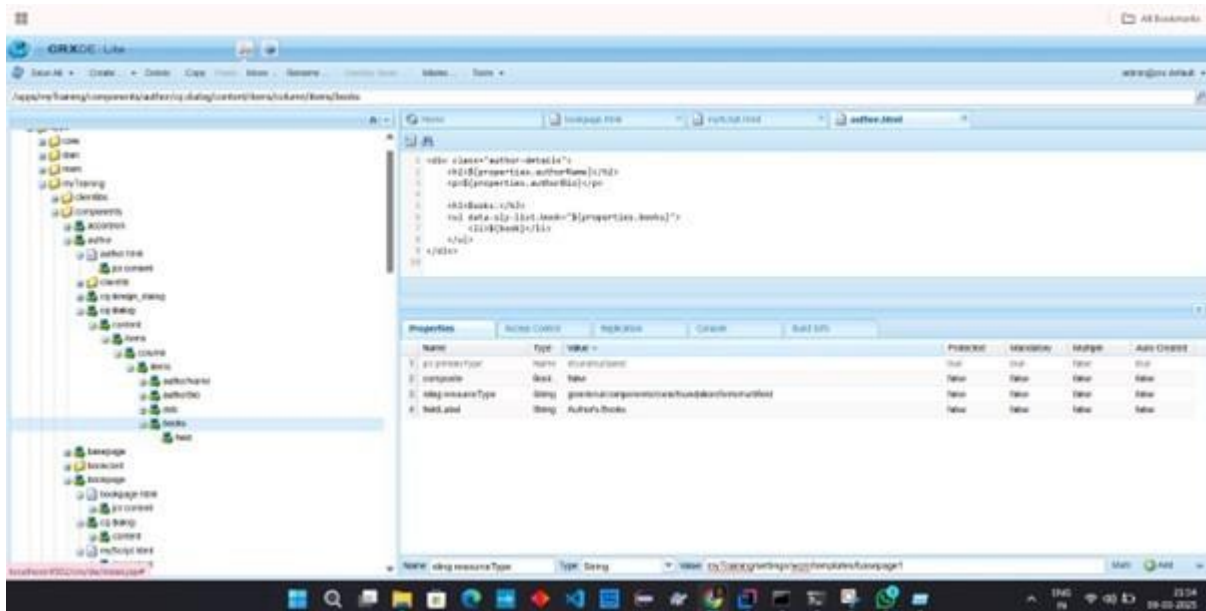


2. Add a new textarea property, `addScript`, to the Book Page component, enabling authors to inject scripts dynamically.

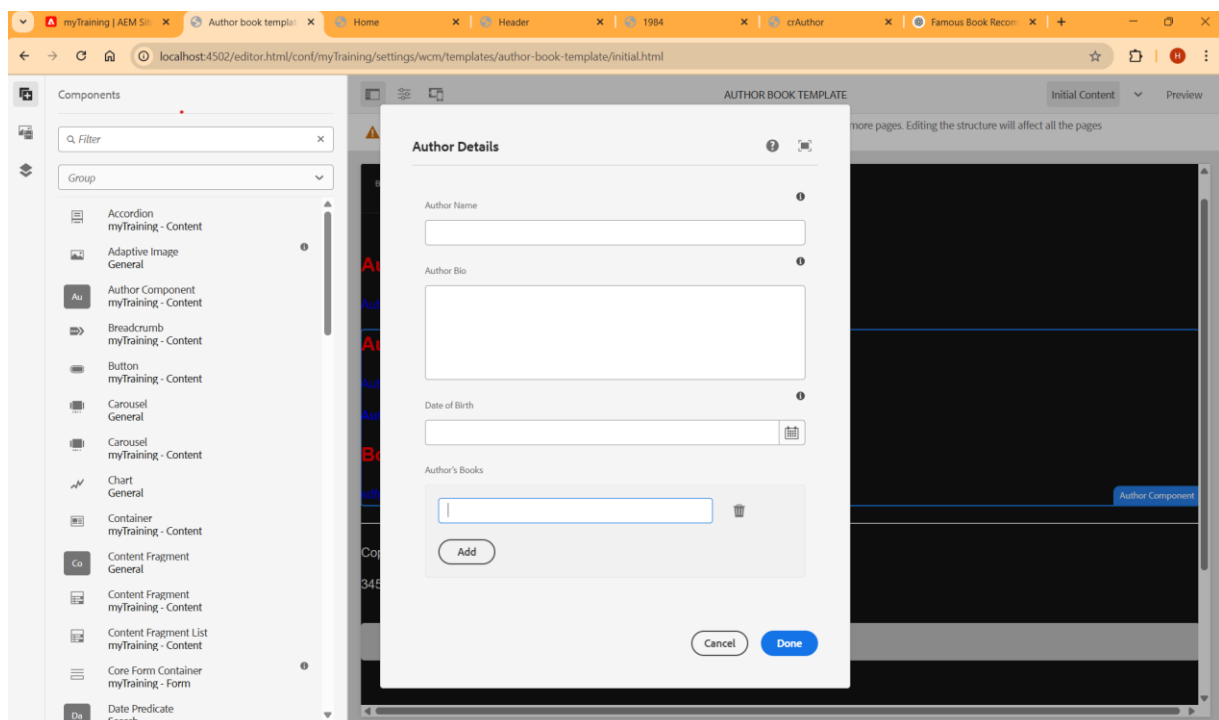


3. Updates to the Author Component:

Added a new text property and a multifield for books. Implemented a Sling model to fetch these properties.

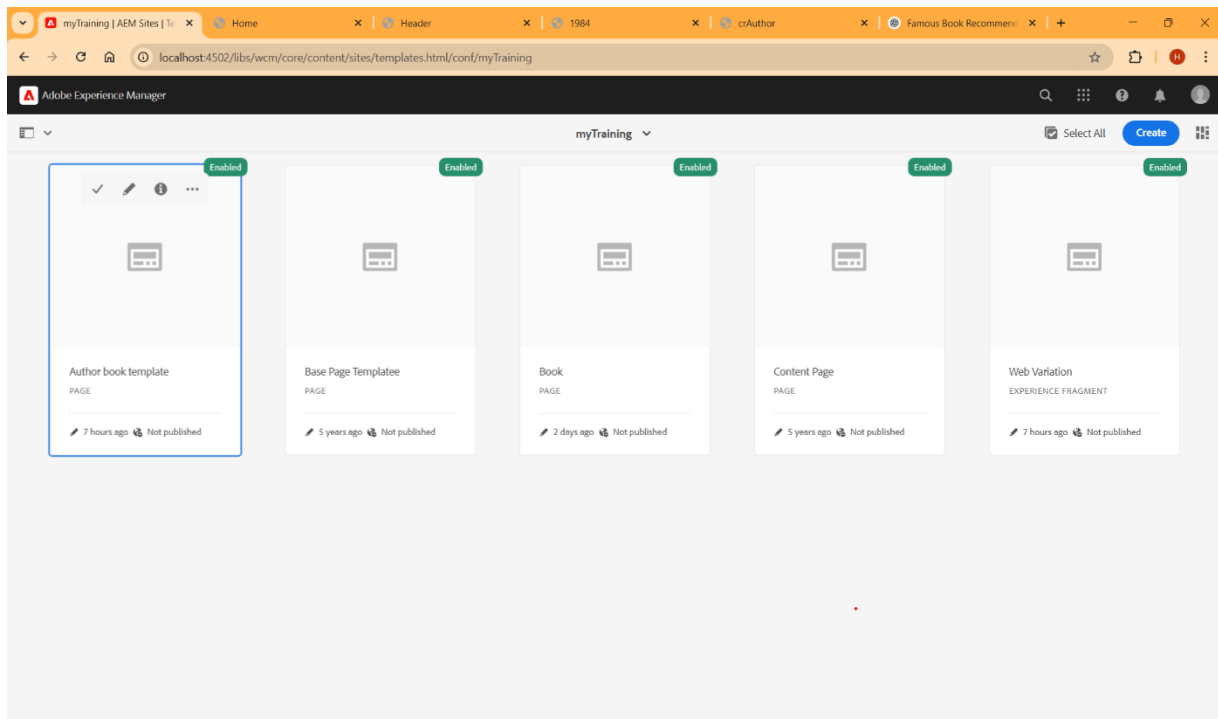


Author Details Component implemented by multifield



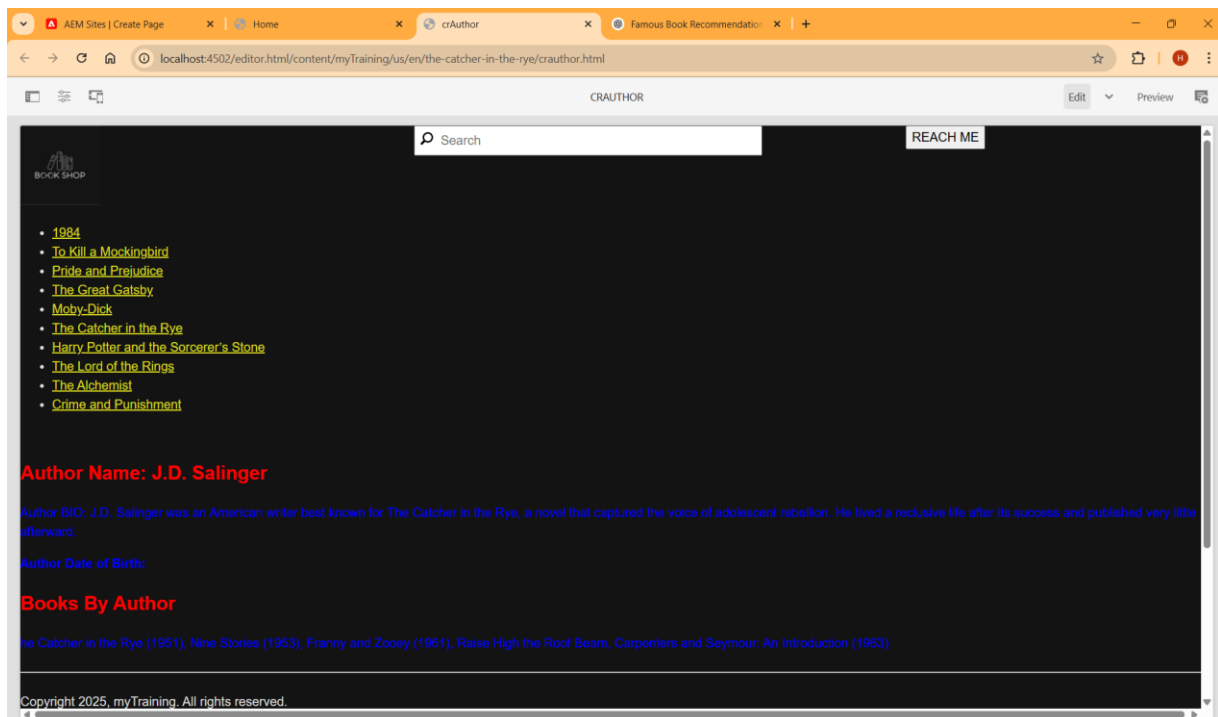
4. Creating 'About Book Template' :

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

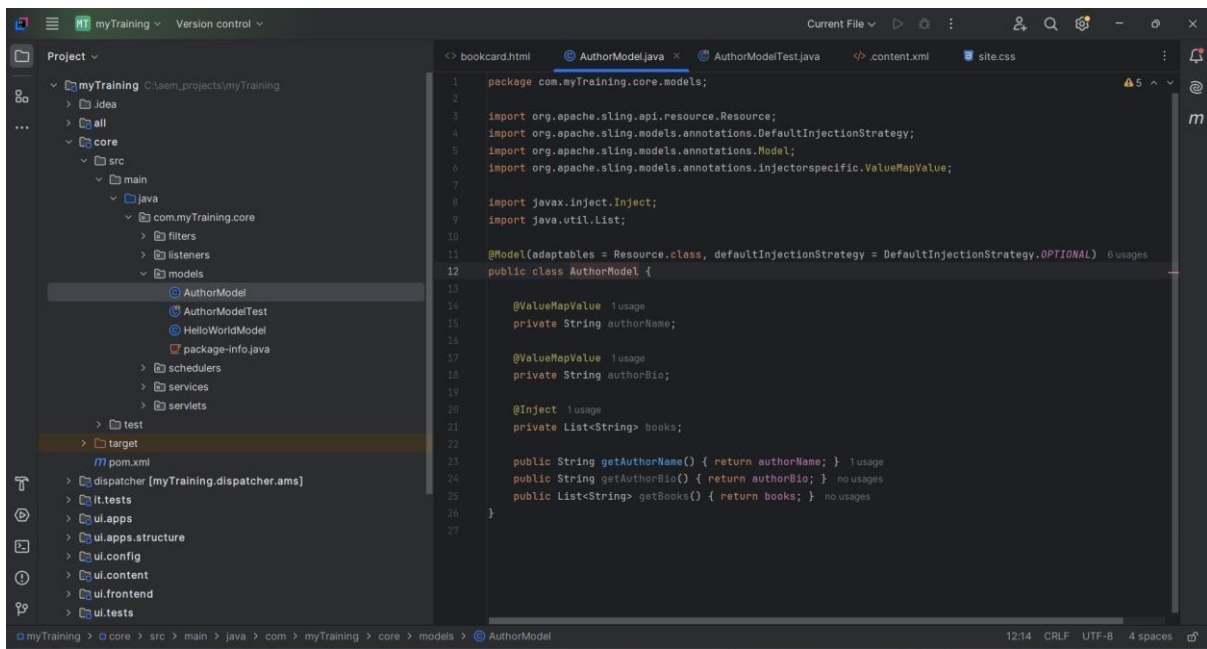


Book component template:

It contains the details of authors.

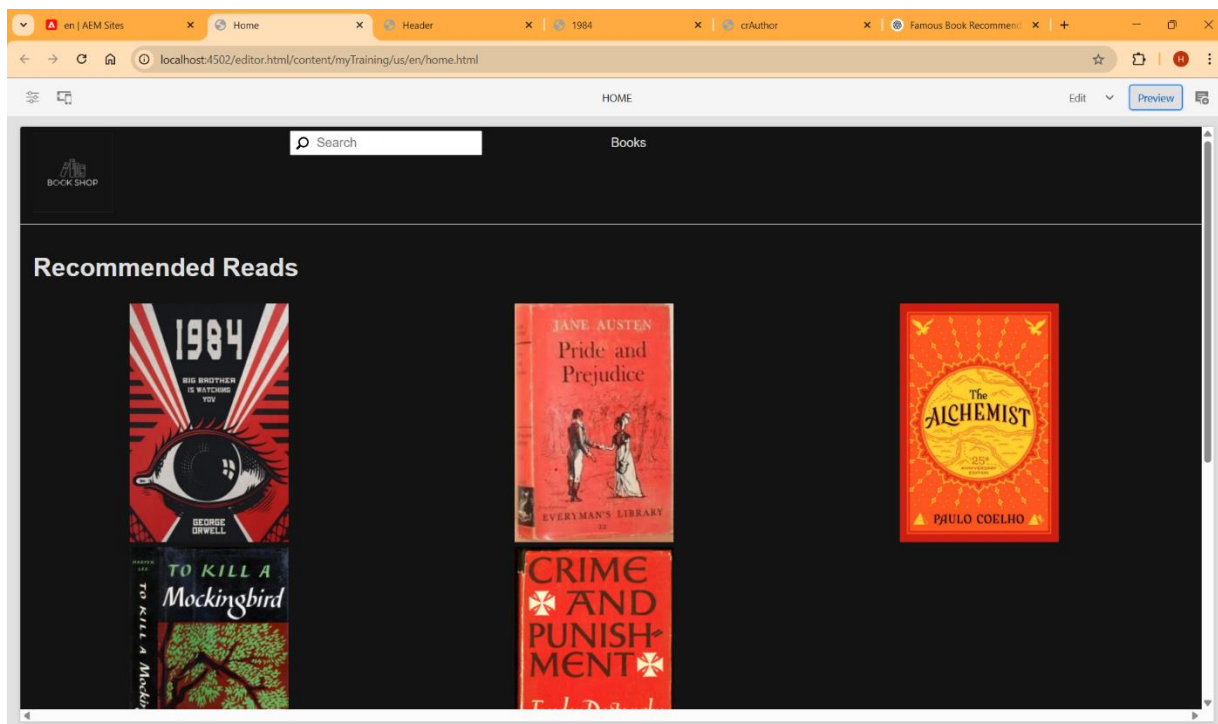


Configuring AuthorModel for accepting multifield inputs from user

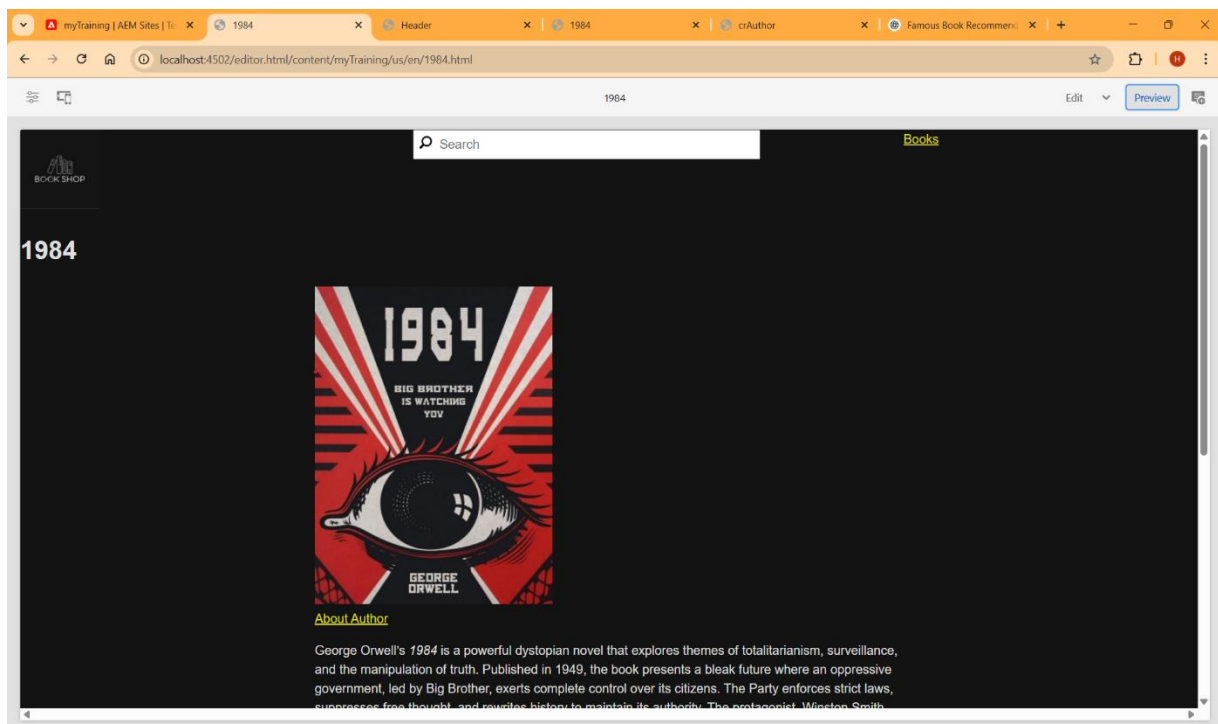


```
1 package com.myTraining.core.models;
2
3 import org.apache.sling.api.resource.Resource;
4 import org.apache.sling.models.annotations.DefaultInjectionStrategy;
5 import org.apache.sling.models.annotations.Model;
6 import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;
7
8 import javax.inject.Inject;
9 import java.util.List;
10
11 @Model(adaptables = Resource.class, defaultInjectionStrategy = DefaultInjectionStrategy.OPTIONAL)
12 public class AuthorModel {
13
14     @ValueMapValue
15     private String authorName;
16
17     @ValueMapValue
18     private String authorBio;
19
20     @Inject
21     private List<String> books;
22
23     public String getAuthorName() { return authorName; }
24     public String getAuthorBio() { return authorBio; }
25     public List<String> getBooks() { return books; }
26 }
27
```

Home page:



Books page:



Author page:

