**BookModel.java**

package com.myTraining.core.models;

import com.adobe.cq.sightly.WCMUsePojo;

import org.apache.sling.api.resource.Resource;

import org.apache.sling.models.annotations.DefaultInjectionStrategy;

import org.apache.sling.models.annotations.Model;

import org.apache.sling.models.annotations.injectorspecific.ChildResource;

import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;

import javax.annotation.PostConstruct;

import java.util.ArrayList;

import java.util.List;

@Model(adaptables = Resource.class, defaultInjectionStrategy = DefaultInjectionStrategy.OPTIONAL)

public class BookModel {

@ValueMapValue

private String title;

@ValueMapValue

private String description;

@ValueMapValue

private String author;

@ValueMapValue

private String imagePath;

@ChildResource(name = "books")

private List<Resource> bookResources;

private List<Book> books;

@PostConstruct

protected void init() {

books = new ArrayList<>();

if (bookResources != null) {

for (Resource bookResource : bookResources) {

String bookTitle = bookResource.getValueMap().get("title", String.class);

String bookDescription = bookResource.getValueMap().get("description", String.class);

String bookAuthor = bookResource.getValueMap().get("author", String.class);

String bookImagePath = bookResource.getValueMap().get("imagePath", String.class);

books.add(new Book(bookTitle, bookDescription, bookAuthor, bookImagePath));

}

}

}

public List<Book> getBooks() {

return books;

}

public static class Book {

private String title;

private String description;

private String author;

private String imagePath;

public Book(String title, String description, String author, String imagePath) {

this.title = title;

this.description = description;

this.author = author;

this.imagePath = imagePath;

}

public String getTitle() {

return title;

}

public String getDescription() {

return description;

}

public String getAuthor() {

return author;

}

public String getImagePath() {

return imagePath;

}

}

}  
**booklist.html**

<sly data-sly-use.bookModel="com.myTraining.core.models.BookModel"/>

<div class="book-list">

<sly data-sly-list.book="${bookModel.books}">

<div class="book-card">

<img src="${book.imagePath}" alt="${book.title}"/>

<h3>${book.title}</h3>

<p>${book.description}</p>

<p>Author: ${book.author}</p>

</div>

</sly>

</div> </div>