

Machine Coding Round One

Bookshelf Application

Create a bookshelf app that allows you to select and categorise books you have read, are currently reading, or want to read.

[Why machine coding round?](#)

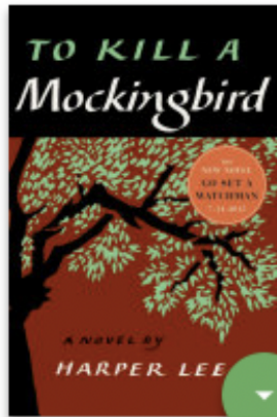
Instructions:

1. Create this application using React JS Hooks.
2. You can use plain CSS or any CSS library you want. Make sure you have a decent view and a clean UI.
3. For data and images you have to use your own sample JSON data and image(two or three books in each category can suffice).
4. This is a frontend assignment. No backend involved.
5. You have to host your site live and submit the live link along with Github link of your code or you can choose to code on CodeSandbox and submit the CodeSandbox link.
6. You have to complete the below mentioned features and make your submission here on LMS in 3.5 hrs.
7. Bonus and optional: The application can be responsive.

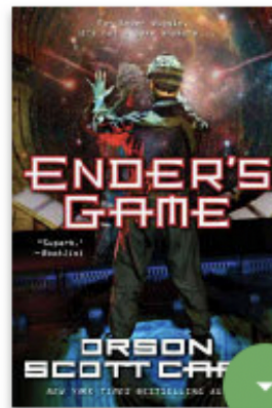
App Features:

In this application, the main page displays a list of "shelves" (i.e. categories), each of which contains a number of books. The three shelves are: Currently Reading, Want to Read and Read

Currently Reading

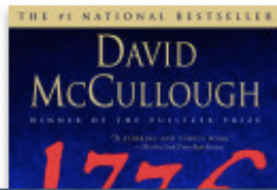


To Kill a Mockingbird
Harper Lee



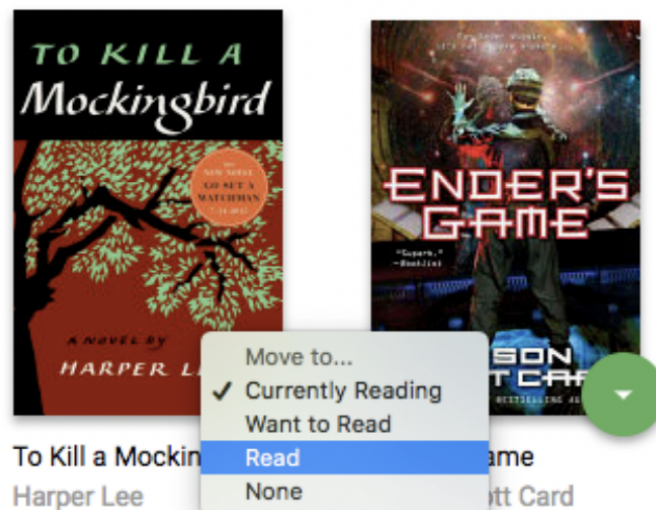
Ender's Game
Orson Scott Card

Want to Read



Each book has a control that lets you select the shelf for that book. When you select a different shelf, the book moves there. Note that the default value for the control should always be the current shelf the book is on.

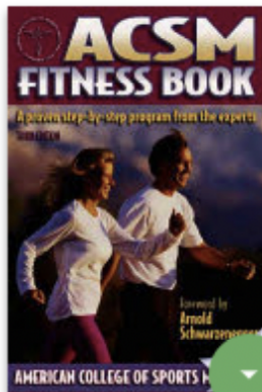
Currently Reading



Want to Read



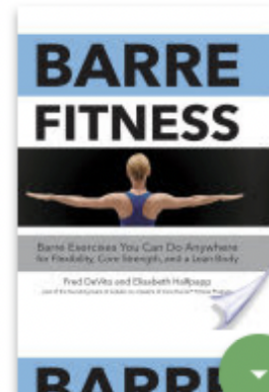
You will also have to implement the Routing functionality. The main page has a link to `/search`, a search page that allows you to find books to add to your library. The search page has a text input that may be used to find books. As the value of the text input changes, the books that match that query are displayed on the page, along with a control that lets you add the book to your library. To keep the interface consistent, you may consider re-using some of the code you used to display the books on the main page.



ACSM Fitness Book
American College of
Sports Medicine



Fitness!
Karen
Mazzeo
Lauren
Mangili



Barre Fitness
Fred
DeVito
Elisabeth
Halfpapp

When a book is on a bookshelf (in the main application page), it should have the same state on both the main application page and the search page. For example: If the book is in the 'currently reading' state on the bookshelf (main application page) then it should be in the 'currently reading' state on the search page as well.

The search page also has a link to / (the root URL), which leads back to the main page. When you navigate back to the main page from the search page, you should instantly see all of the selections you made on the search page in your library.