

## Books Library

The task is to write a simple webpage in **Angular2 / React** that shows a list of books - data is provided via an Ajax Request, that returns a JSON object.

Note: not a real server is needed here, the ajax calls will return JSON files. However, you will need to use http-server work to return the JSON.

### Each book will have:

1. Author
2. Date
3. Title

When you enter the page, an AJAX request should fetch a list of books from a json file.

The page will show all the books resolved from the requests with a proper design – nice design – high score.

1. The design should be based on bootstrap (<http://getbootstrap.com/>) or angular material design (<https://github.com/angular/material2>) include images and **should look good**.
2. Each book can be editable, meaning that an **edit button** should be available to edit the book fields.
3. Edit button should open a modal with save and cancel buttons (The modal should be based on Bootstrap)
4. Proper validation should be included for **strings – not empty**, and **date – should be validated** with error message.
5. There should be an option to delete book with a prompt message.
6. Use **angular filter / pipe** to show each book title : in the following format : first letter of each word upper cased and each other letter should be lower cased, also remove any non-English letters from the title. For example : A title with the name “@@THIS is a Book!!” should be changed to “This Is A Book”
7. Should have a button to **add new book**.

None of this operations should be persistent (refreshing the page will clear the changes).

Please make it readable as possible, valid html and JavaScript files.

### Bonus Task

- Prevent from the user to add / edit a book with existing title, show error message that same book name is already exist

### Important notes

1. Make a CLEAN code, meaning no remarks , using javascript standards (<http://javascript.crockford.com/code.html>)
2. Use standard angular base code (<https://github.com/mgechev/angular-seed>) or similar, using separate components. If you find a use of a directive or a filter , use it !
3. Separate your code into files, not everything in one file.
4. It's better to use angular style guide for creating the application <https://github.com/johnpapa/angular-styleguide/blob/master/a2/README.md>
5. Make sure the code is working perfectly.
6. Please make sure the code is clean and you didn't leave unused files in the project.

### How to submit the code

1. Upload to your github.com
2. Upload to your server

Send us the github repository link + link to a working task.

Good Luck

Herolo Team