Project Book Sorting

Multimedia design/web specialization project: Javascript 2.0

URL to repo: https://github.com/KennethRHMortensen/webSpecTasks.git
(please be aware that this project is inside the folder named "projectBookSort1.1")

Description of the solution

This solution is a culmination of multiple solutions to suit the needs of a librarian that maintains a digital library of books.

The solutions are supposed to help both the users and the administrators, by the following:
- Help the user to sort books according to author and title, in ascending and descending order from A-Z
- Help the user to find their desired genres by enabling a filter function upon clicking a genre from the filter buttons
- Search function that will suggest books from the library that contains the letters written in the search field
- Give the librarian a function to add a book with the necessary information to display this book (Title, Author, Genre and cover image)
- Save the array of books added to local storage in the browser used, and display these items upon refresh of site to prevent loss of data
- Give the librarian a function to delete their local storage in case they want a clear array of books

Reflections and discussion on decisions

Group coding is definitely a challenge, as both have their own understanding and preferable ways of writing syntax, but at the same time it's also the perfect opportunity to gain new knowledge through the partners perspective, as well as learning how to communicate and present your own ideas of how to create a solution.

Reflections and discussion on the code

In general, there were a lot of functionality that I didn't even get to begin, simply because of the deadline and lack of knowledge.
The main purpose of giving the user a possibility of sorting and filtering books where something that I should have prioritized higher, since those two actually were the last things I did, hence I was too focused on completing the functionality of adding a book.
I also focused too much on trying to make it as dynamic as possible, but in the end, I had to do some hard coding just to make sure I understood it properly and accomplished the task.
Now I'm just eager to learn more about the usage of ES6 and gaining more knowledge regarding arrays and how to apply different methods like filter, map, splice and more to it.