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")

Hint: remember to add some books to check the functionality, as no books are added by default

Description of the solution

The current solution is a compilation 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 are still a lot of functionality that I didn't even get in to *(see backlog)*, simply because of the lack of time and knowledge.
The main task of giving the user the possibility to sort and filter books were 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, but I managed to make it happen.
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 knew what I was doing and understood it properly.

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.