Library Management System

- I have used Tech Stack of ReactJS, Bootstrap for frontend and MongoDB, Nodejs, Expressjs for Backend for making this website

- This website generally consists of 2 users.
    - Normal User (Users can signup and login)
    - Admin

- Admin credentials for login:
    - Email: library@gmail.com
    - Password: Library123

- Here, User has to login to view the books that are present in the library.

- I have implemented the **Pagination** technique to reduce the complexity in a single page.

- I have also implemented search functionality (users can search with any attribute of a book like name, author, genre).

- For Admin, I have given the following features
    - Addition of Books
    - Editing the details of Books, once added
    - Deleting the book, if it is out of stock
    - Issual of Books   (Books issue by users)
    - Return of Books   (Books return by users)

- For the Login and Signup purpose. I have implemented the JWT system in the backend. Also, I am going to implement Google OAuth for simple Authentication purposes.

- In this, I have used the fetch API for maintaining HTTP Requests.

- User APIs:
  - /login
  - /signup
  - /   [Only logged in people can view the books]

- Admin APIs:
  - /
  - /admin [Only admin can view this page]

Link for the code: https://github.com/sribhargav1345/Book-Management

Live Link: https://book-management-mauve.vercel.app/

Improvements:

- I am planning to implement csv file upload, so that admins can easily mention book details in the csv file and can upload.

- Feel free to contact me, if you find any other improvements that can be made.

  My portfolio: https://sri-bhargav-ram-bollapragada.vercel.app/