**Book Management System**

**Requirements:**

1. Implement a search functionality to filter books by title or author.
2. Add a rating system (1 to 5 stars) for each book.
3. Include user authentication (register and login).
4. Allow users to leave comments on books.
5. Implement pagination for the book list.

**Notes:**

* Ensure the code follows a design pattern such as Repository, Strategy, or Factory.
* Use SQLite or MySQL as the database.
* Front-end should be simple.
* Upload the project to a public GitHub repository and share the link.

**Duration: 1 day.**