

Rento-Book-App

Purpose:

1. Even today, masses opt for reading in library rather than on 'kindle' like application and many of such libraries maintains their books records physically in diaries.
2. Also, the user who visits library have to maintain 'library card' physically which specifies number of books taken per week or so.
3. **Inventory Management:** Keeping track of the library's collection, including books, magazines, multimedia resources, etc. This involves cataloging items, tracking their circulation, and managing their availability.
4. **Member Management:** Maintaining records of library members, including their personal information, membership status, borrowing history, fines, etc.
5. **Search and Discovery:** Providing users with a convenient way to search for resources within the library's collection. This could include advanced search filters, keyword searches, and browsing by categories or genres.
6. **Adding & Selecting Books on Reviews:** User can add reviews on each books read and which will affect average of the book and other users can get honest reviews on the same.
7. **Q/A with Admin:** Users can talk with Admin and ask of specific books, magazine's, etc.

Overall, our website aims to streamline library operations, enhance user experience, and promote efficient access to resources for patrons.

Scope:

Some key components that fall within the scope are listed below:

1. Creating distributed application by maintaining data integrity at the server and serving all the functionality listed above which were the key features for creating such application.
2. Places like Theatre e.g. Bal Gandharva till date promote their weekly plays in the newspaper. So, the libraries using our portal (i.e. our website) can add events taking place per week for their users. This will cater 2 different domains problems.
3. Automating the whole process for a physical library is our main aim which will solve all the problems on maintaining records physically on to the book.
4. Facilitating the borrowing, renewal, and return of library materials. This includes features for checking items in and out, managing due dates and loan periods,
5. Implementing robust security measures to protect sensitive user information, prevent unauthorized access, and ensure compliance with relevant data protection regulations.

The scope of our system may vary depending on the size and type of the library, as well as the specific requirements and priorities of the institution. However, these core components are common to most libraries and form the foundation for efficient and effective library operations.