

13-09-2021

LIBRARY MANAGEMENT SYSTEM PROJECT

(GROUP NO : 2)

SYSTEM REQUIREMENTS

1.1 Functional Requirements

Admin

- Provide the information regarding books.
- Add new book to the database.
- Update the number of books in database.
- Enter data of issued book in Database.
- Information of returned books.

User

- Search for the required books from database.
- User must check if the book is available or not before issuing.
- User must enter issue and return date in database.
- The user must know the number of books in the library.

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1.2 Non Functional Requirements

- Product Requirements

EFFICIENCY REQUIREMENT

When a library management system will be implemented librarian and user will easily access library as searching and book transaction will be very faster

RELIABILITY REQUIREMENT

The system should accurately performs member registration ,member validation , report generation, book transaction and search

USABILITY REQUIREMENT

The system is designed for a user friendly environment so that admin and users of library can perform the various tasks easily and in an effective way.

ORGANIZATIONAL REQUIREMENT

IMPLEMENTATION REQUIREMENTS

In implementing whole system with front end as JAVA which will be used for database connectivity and the backend ie the database part is developed using MongoDB.

DELIVERY REQUIREMENTS

The whole system is expected to be delivered in six months of time with a weekly evaluation by the project guide.