

ABSTRACT

LIBRARY MANAGEMENT SYSTEM

A library management is a project that manages and stores book information electronically according to student's needs. The system helps both students and library manager to keep a constant track of all the books available in the library.

It allows both the admin and the student to search for the desired book. It becomes necessary for colleges to keep a continuous check on the books issued and returned and even calculate fine. This task if carried out manually will be tedious and includes chances of mistakes. These errors are avoided by allowing the system to keep track of information such as issue date, last date to return the book and even fine information and thus there is no need to keep manual track of this information which thereby avoids chances of mistakes.

Thus this system reduces manual work to a great extent allows smooth flow of library activities by removing chances of errors in the details.

EXISTING VS PROPOSED SYSTEM

- Existing system does not have any facility of teacher's login or student login whereas proposed system will have a facility of student login as well as teacher's login.
- Existing system does not have a facility of online reservation of books whereas proposed system has a facility of online reservation of books.
- Existing system does not has any option of lectures notes uploaded by teachers whereas proposed system will have this facility
- Existing system does not have any facility to generate student reports as well book issue reports whereas proposed system provides librarian with a tool to generate reports
- Existing system does not has any facility for book request and suggestions where as in proposed system after logging in to their accounts student can request books as well as provide suggestions to improve library.

Advantages

- The system excludes the use of paper work by managing all the book information electronically.
- Admin can keep updating the system by providing the new books arrival in system and their availability thus students need not to go to library for issuing purpose.
- The system has books well organized and systematically arranged in different categories in the system so that user can easily search and find the book. It saves human efforts and resources.

Disadvantages

- There is no human interaction if users have some enquiry.