

Library Management System



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Project Title: Library Management System

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Library Management System

ABSTRACT:

The main objective of the Library Management system is organizing and managing the library tasks. Library is place where all kind of books are available. This is a web base application and only a registered user can access the application. Library Management system is developed to automate the task of entering the records of new book and retrieving the details of book available in the library. This system contains list of all the books. Using this system user can issue book to the library member, maintain their records, and can checks how many book are issued and how many books are available in the library. This system provides separate interface and login for librarian, students and faculties. Librarian can modify database. Using the library management system, user can also maintain the late fine of library member who return the issued book after the due date.

Users can search for books and renewal books online. In the proposed system, we assume that each member will be having an identity card which can be used for the library book issue, fine payment etc. They can recommend for new books by just sending messages to the librarian from anywhere in the college. Whenever library member wish to take a book, the book issued by the library authority will be check both the book details as well as the student details and store it in library database. They can view the issue and return dates of any book and due they have to pay.

INTRODUCTION:

The project titled Library Management System (LMS) is Library management software for monitoring and controlling the transactions in a library .The project "library Management System (LMS)" is developed in php, which mainly focuses on basic operations in a library like adding new member, new books, and updating new information, searching books and members and facility to borrow and return books.

"Library Management System (LMS)" is a web application written for HTML5, CSS3, PHP and MySQL designed to help users maintain and organize library. Our software is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface, and combined with strong searching Insertion and reporting capabilities. The report generation facility of library system helps to get a good idea of which are the books borrowed by the members.

Library Management System

The software Library Management System has six main modules.

- ❖ Insert to Database Module - User friendly input screen
- ❖ Update to Database Module - User friendly input screen
- ❖ Delete to Database Module - User friendly input screen
- ❖ Select to Database Module - User friendly input screen
- ❖ Report Generation module - borrowed book list & Available book list
- ❖ Search Facility system – search for books and members

TECHNOLOGIES USED:

- ❖ HTML5
- ❖ CSS3
- ❖ JavaScript
- ❖ jQuery
- ❖ PHP
- ❖ MySQL

SOFTWARE USED:

- ❖ PHP 5.2
- ❖ Apache HTTP Server
- ❖ Notepad++
- ❖ Adobe Dreamweaver
- ❖ PHP Storm