

Software Engineering Project Report



Project title: Library Management System(LSM)

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Library Management System

Description:

A Library Management System is one of the important software that is used to keep up the task of a library. It helps the librarian by maintaining the database of new books and the books that are borrowed by the authorized users along with the due dates. It also helps the users to know about the desired books that are available in the library. The main sight of our project, library management system is to provide instant and accurate data regarding any type of book according to the student needs, thereby saving a lot of time and effort.

Proposed idea:

In this design we are going to have two integral parts i.e Admin login for librarians and User login for Users. In the Admin login after the Admin has logged into his account using his login details he can add/drop/delete the books/authors/category according to the requirements. He can also issue the book to the user and update the details depending on the status of the user(i.e whether he has returned the book or not). Now in the User login the user has to register himself/herself in the portal if he hasn't had any account in it. Once the registration is done he/she will get a user Id. Using the user id he/she can login into the portal and can access their details(i.e when to return the book, no of books issued etc).

Key Features:

- **For user:** Create an Account, Update their profile, Issuing book, change their password, Return book.
- **For Admin:** view user details, change own password, adding book, updating details, deleting, searching the user.
- **Programming languages:**
 1. HTML, CSS, JavaScript for designing app
 2. PHP, MySQL for back-end
- **Platform used:** Xampp Server