

ABSTRACT

With the advancement of technology, it is imperative to exalt all the systems into a user-friendly manner. The Library Management system (LMS) acts as a tool to transform traditional libraries into digital libraries. In traditional libraries, the student needs to search for books which are hassle process and there is no proper maintenance of database about issues. The overall progress of work is slow. The librarian needs to do the work allotted for arranging, sorting books in the book sells. At the same time, he/she needs to check and monitor the lend/borrow book details. It is a tedious process to work simultaneously in different sectors. LMS will assist the librarians to work easily. The LMS supports the librarians to encounter all the issues concurrently. The student need not stand in a queue for a long period to return/borrow a book from the library. The single system contains all the data in it. The librarians need to assess the system and provide an entry in it. Through LMS the librarian can find the book in the bookshelves. The LMS is designed with the basic features such as librarian can add/view/update/delete books and students' details in it. Once he/she ingress into the system they can modify any data in the database. The complete model is developed in python language. As aforementioned that the LMS is designed in a user-friendly manner, so the librarian can smoothly activate the system without expert advice. Thus, our system contributes its new approach towards the digital library setup.