

## **ABSTRACT**

Topic: LIBRARY MANAGEMENT SYSTEM

Project Nature: - Mini Project Extension

Completion Level: 30 % of Mini Project

Manual process of keeping student records, book records, account details, managing employee is very difficult. There are various problems also faced by the student in library such as finding any particular book, information whether book is available or not, for what time this book will be available, etc. To eliminate this manual system, library management system has been developed. Library Management System will handle all the current issues faced by the students and by its admin personnel

Library management system is all about organizing, managing the library and library oriented task. It also involves maintaining the database of entering the new book and the record book that have been retrieved or issued, with their respective date. This project has many features such as facility of user login and teacher's login. Also on the top of this there is an admin who will be managing the entire application. E-book feature is one of the new feature which included in this feature. By these feature students can access the books from their devices without going to the library. Also students can contribute E-books to library, for that student should upload the book, admin should approve the same. Students have recommendations from faculty for book references.

### **Modules**

- ❖ Admin
- ❖ Librarian
- ❖ Faculty
- ❖ Student

#### **Admin**

- ❖ The Admin module stores the details of staff working in the library
- ❖ Details of students, the details of books, updates the status of books, adds newly purchased book details to the database, etc.

- ❖ Dashboard: Here admin can view a brief like total number of registered user, Total number of books etc.
- ❖ Manage Users

### **Librarian**

- ❖ The Librarian can issue new books
- ❖ Approve or reject new uploaded e-book from user
- ❖ Return issued books
- ❖ Check reserved book details and take necessary actions
- ❖ Collect Fine

### **Faculty**

- ❖ Faculty can login to the system
- ❖ They can make reservations for books
- ❖ Upload new E-books for library
- ❖ Make reference recommendations for students

### **Students**

- ❖ Students can see issued book details
- ❖ Make reservation for books
- ❖ View reference recommendations from faculty
- ❖ Due details