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LIBRARY MANAGEMENT SYSTEM



Introduction

- A library management system, also known as an automated library system is software that has been developed to handle basic housekeeping functions of a library.
- It's a well organized software solution for a library.
- It help to provide information on any book present in library to the user as well as staff member.
- It keeps a track of book issued, returned and added to library.

Drawbacks of current system

- Provides the facility of books only during the working hours of the University.
- The record keeping can create problems while maintaining.
- Record of the receipt of the new books is kept in written which can create problem in handling it.
- Workload to the staff members and no use of human resources.

Advantages of proposed system

- A 24-hour library management.
- Students according to their needs get the books issued and in case they are unable to return the book, they can immediately extend the date of return.
- Maintenance of the books becomes easy for the staff.
- The transactions are maintained online.
- Students as well as teachers can search for any book, magazine, Journal, member etc.

Technology Stack

- Front-End:
 - HTML,CSS,JS
- Back-End:
 - PHP
- Database:
 - My_SQL

Front-End Design





LIBRARY MANAGEMENT SYSTEM

User Name 

Password 

Login





ronald ● Online

HEADER

Dashboard

Members

Books

Magazines

Newspapers

Issued

Returned

Not Returned

ACTIONS <

SAIDE Library Control panel

Admin > dashboard

3

Books



More info

2

Members



More info

1

NewsPapers



More info

0

Magazines



More info



ISSUED

2



RETURNED

1



NOT RETURNED

1



DATE TODAY

02/27/2018

Database Design

- Student Table
- Book Table
- Admin Table
- Teacher Table
- Issue Return Table

Student Table

Sr. No.	Field Name	Data Type	Size
1	Enrollment	Varchar	12
2	First Name	Varchar	255
3	Last Name	Varchar	255
4	Contact	Number	10
5	Address	Text	255
6	Password	Text	255
7	Gender	Varchar	10
8	DOB	Date	
9	Email	Text	255

Book Table

Sr. No.	Field Name	Data Type	Size
1	ISBN	Varchar	255
2	Name	Varchar	255
3	Author	Varchar	255
4	Publisher	Text	10
5	Price	Number	10
6	Edition	Number	10
7	Subject	Varchar	255
8	Branch	Text	255

Issue Return Table

Sr. No.	Field Name	Data Type	Size
1	Enrollment	int	12
2	Date_Issue	Date	
3	Date_Return	Date	
4	Expire_Date	Date	
5	Fine	int	10
76	Copies_available	int	10



• Thank You