



PUBLIC LIBRARY MANAGEMENT SYSTEM

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1. Project Overview?

Libraries are popular places where there are numerous books to keep track of. Not only books but the librarian is also required to keep track of users, books that were taken, due dates, etc. Making manual entries and keeping track of due dates is not easy when the user's size is more. It becomes complex when there are numerous books and when the members of the library are increasing.

Public Library Management System is a system which maintains the information about the books present in the library, their authors, the members of library to whom books are issued, librarian and all. This is very difficult to organize manually. Maintenance of all this information manually is a very complex task. Owing to the advancement of technology, organization of an Public Library becomes much simple. The Public Library Management has been designed to computerize and automate the operations performed over the information about the members, book issues and returns and all other operations. This computerization of library helps in many instances of its maintenances. It reduces the workload of management as most of the manual work done is reduced

2. To what extend the system is proposed for?

- A library management system is software that is designed to manage all the functions of a library. It helps librarian to maintain the database of new books and the books that are borrowed by members along with their due dates.
- This system completely automates all your library's activities. The best way to maintain, organize, and handle countless books systematically is to implement a library management system software.
- A library management system is used to maintain library records. It tracks the records of the number of books in the library, how many books are issued, or how many books have been returned and late fine charges
- The proposed system, where admin can register librarian, approve or reject user membership request and categorize books.
- Librarian can update their profile information, manage books (add, delete, update, view),search books based on (title, author, category, ISBN no),issuing book to users ,returning books and make penalty for users if they didn't returned the book after the due date.
- Public user get a membership through online, User can register for membership in library by getting in to the library management system dashboard. User can request books, search books based on(title, category, author),Pay fine if the book didn't returned after the due date , and request to cancel their membership

3. Specify the Viewers/Public which is to be involved in the System?

The General public are involved in the system

4. List the Modules included in your System?

Admin: -

- Login
- Register Librarian
- Approve / Reject User Request
- Categorize Books

Librarian: -

- Login
- Profile Updation
- Book Management(Add,Delete,View,Update)
- Book Search
- Issue Book
- Return Book
- Penalty Management

Public user: -

- Register
- Login
- Book Request/Reserved Book
- Book Search
- Penalty Management
- Cancel Membership

5. Identify the users in your project?

The users are the Librarian and public users

6. Who owns the system?

The Administrator owns the Public Library Management System

7. System is related to which firm/industry/organization?

The system is related to organization. Public library is an organization .
Library has a librarian who arrange the books. Users can use the library
Services.

8. Details of person that you have contacted for data collection?

Unni K Menon
Librarian at Public Library Thrissur
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9. Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g. Bill receipts, certificate models), if any?)


1. What is the problem faced while arranging the books manually in the library?

When books arranged manually issues such as difficulty in keeping all membership records and book records.

2. How you are going to issue a membership card to the users?

To acquire membership the user has to reach out the library and fill out application form by submitting essential documents. Thereafter the librarian and other committee members verify the documents.

3. Is it mandatory to have recommendation to get membership?



It depends upon the type of user, if it's a student there is no need for recommendation but if it is a public user recommendation of an already registered member is a necessity

4. What are the categories of membership ?

Generally, membership is categorized into four. A class(life long), B class (Three years), C class (2 years), and General (1 year).

5. How much is the membership payment?

It depends on the type of membership, whether it is

A class - 1000

B class - 500

C class - 250

General - 200

6. How much books a person can borrow at a time?

It depends on the type of membership.

7. In what all methods a book can categorize?

Books are categorized based on it's title name, author name, ISBN no, type of the content(Fiction, short story, biography, poem, magazines, science fiction etc)

8. What all information stored about a book

Book title, author name, category of book, publisher name, publisher, published year, published agency, price, no of pages, stock no, ISBN no ,ISSN no, serial no, no of copies available, purchased date etc.

9. How would you charge fine?

If the book is not returned within 1 month after the due date a fine of rupees 5 is charged. Still not returned a penalty of rupees 10 per week will be charged. Likewise issuing new book to users only after the clearness of penalty.

10. What are the difference about a public library and academic library?

An academic library's purpose is to support the teaching and research of the college or university. Most academic libraries are much larger than public libraries. Generally, non-academic material is not found in an academic library.