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Presentation on :

Library Management System

Library Management System

Library management systems are designed to manage the movement of books and maintain records of the members in a library.

The software solution is designed based on the system requirements, the people involved, the content of the operation and the activity to be performed.

The library management system software helps in reducing operational costs. Managing a library manually is labor intensive and an immense amount of paperwork is involved. An automated system reduces the need for manpower and stationery.

This leads to lower operational costs. The library management system software makes the library a smart one by organizing the books systematically by author, title and subject. This enables users to search for books quickly and effortlessly.

Students need access to authentic information. An advanced organized library is an integral part of any educational institution. In this digital age a web based library management system would be ideal for students who can access the library's database on their smartphones.

The library management system software should be user-friendly

cost effective. It should be in tune with the establishment's

needs and compatible with the existing technology.
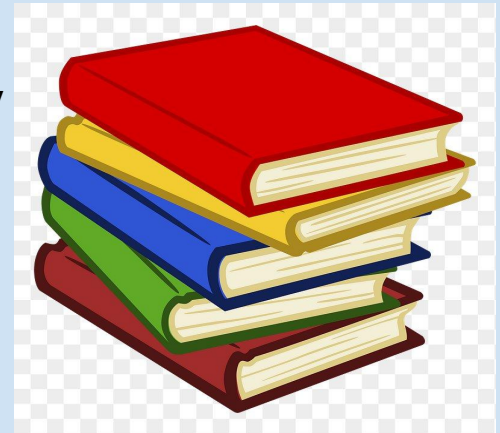
HOW DO YOU MANAGE A LIBRARY?

Managing a library requires knowledge of library management and skills to perform the activities. The task involves planning, decision making, organizing, collecting and disbursing information and controlling and monitoring the various functions.

The management should have an objective for running the library. They should have a clear idea of the members they wish to serve. The selection of books in different categories is dependent on the interests of the members.

A proper inventory check has to be done annually to record the details of books in circulation. Provisions for the replacements have to be done accordingly.

The processes of book indexing, cataloging, book reservations and overdue notifications are automated. The software system makes the process simpler and more accountable

The software is very easy to use for the students, teachers and parents.

The software is accessible on handheld devices like mobile phones and tablets.

Management of school attendance, diaries, activities, tracking of school transport etc. is automated. The automated generation of student data, report cards and performance feedback save the teacher valuable time.

The software manages fee collection from the students. It sends automatic notifications and reminders to the parents. Payment can be tracked and receipts can be issued promptly.

The library management system software is geared to meet the ever changing expectations of the students. SkoolBeep is software that is flexible and can be tailored to the needs of the individual users.

Library management software system makes the primary functions of adding and deleting, issuing and returning of books very simple. The processes of book indexing, cataloging, book reservations and overdue notifications are automated. The software system makes the process simpler and more accountable.

Purpose of library management system

The purpose of a library management system is to operate

a library with efficiency and at reduced costs.

The system being entirely automated streamlines

all the tasks involved in operations of the library.

The activities of book purchasing, cataloging,

indexing, circulation recording and stock checking

are done by the software. Such software eliminates

the need for repetitive manual work and minimizes

the chances of errors.

FEATURES OF LIBRARY MANAGEMENT SYSTEM

The key features of library management system are:

- Add books
- Return books
- Issue books
- Delete record of books issued
- View record of books issued
- View record of books issued
- Password for administrator to use the system
- Books are categorized into different departments

FUNCTIONS OF LIBRARY MANAGEMENT SYSTEM.

The main functions of the library management system are to realize the automation of the management of library borrowing and return of books the timely addition and destruction of books and the update of users and book information. Around these main functions, this system involves the following core functions such as

- Borrowing management
- Return management
- Library management
- Member management.
- Book information management
- Query function

COMPONENTS OF LIBRARY MANAGEMENT SYSTEM.

Admin login: the administrators can access the entire functionality of the system via this component. The admin can maintain the records and track them as per necessity. Also, the admin can add or remove entries into the system respectively.

User login section: The students who want to access library materials, need to do registration first. The registration allows for maintaining records accurately. After registering, they can check out and check in the library material.

Add and update books: The admin can add new books or other materials to the system with the essential details. Thus, the librarian can maintain the system effectively.

Search option: all users of the system, including admin can search for library materials. Admin and students can search for books by entering the name of the book.

View order status: the admin can view rented books and their due date. Also, the other details like student's details who has rented a book will be available in this module.

Check-in and check-out: this are the distinct component of a library management system where a student can check in, and check out the library souvenirs electronically. This facility helps to save the time of both; students, and the librarian.

Fine calculator: The students and admin can view the issued materials with their due date. And, if any book is overdue, the system will allow calculating fine for the same.

Uses of Library Management System

- Can be scalable to Windows, Linux and Mac OS platform.
- Scan and print your own barcodes.
- Full catalog, circulation and acquisitions system for library stock management.
- Web based OPAC (Online Public Access Catalog) system
- Simple, clear search interface for all users
- Multilingual and multi-user support
- Export and import records
- Easy way to enter new books
- Keep record of complete info of a book like title, author name, publisher name etc.
- Easy way to check-in and check-out
- It is user-friendly software
- Keep record of different categories
- Classify the books subject wise
- Easy to maintain database
- It is cost effective

Types of Library

1. Government Libraries
2. Corporate Libraries
3. Non-profit Library
4. Museum Library
5. Digital Library

IMPORTANCE OF LIBRARY MANAGEMENT SYSTEM.

- Library management systems facilitate the administrators to keep an eye on the library department's all functions.
- It enables librarians and users to save time on daunting tasks and enhances efficiency.
- It helps the school management to follow the work outline and fineness of different librarian's capabilities.
- The administrators get an opportunity to know how well-maintained the record of issued books and collection is.
- The librarian and the administration department can access various reports to implement new improvements.
- Librarians can get relief from performing manual library management operations that are responsible for making errors more often.

ADVANTAGES OF LIBRARY MANAGEMENT SYSTEM

User friendly system:

The library management systems are simple and easy to use for the librarian as well as the students. The system provides online and offline storage of data.

Simplification of librarian duties:

The system allows the librarian to maintain a wide collection of books, periodicals, journals, audio and video books and pictorials.

Increased member engagement:

The web based library management system software can be easily accessed from anywhere and at any time.

Time and effort saver:

The automated library system software eliminates the need for manual entries. This saves the effort and time consumed in data entry

Cost effective:

Digital libraries eliminate the need for extensive paperwork and too many staff. Maintenance overheads and operation costs are reduced.

Disadvantages of Library Management System

- data stored is prone to cyber hacks. Opting for a reliable online system eliminates the risk
- Costly and Expensive
- The Complicated to operate
- Online Systems require high-speed internet connectivity
- Risk of computer virus
- The automation feature is not available in offline/ open source systems thus, requires manual action to perform operations
- Unlike online systems that utilize cloud computing, Open-source systems store data on a computer hard drive. This increases the risk of data loss

CONCLUSION:

Thus, the efficient library management software is essential to run smart school functions, and maintain accurate data of a library. School Software Pro offers a smart school application for schools, colleges, and coaching centers to systematically manage library operations. Get one for your institute and match up with the latest school trends. Get in touch with us to know more details about how the library management system accommodates your educational institute.

Thank you