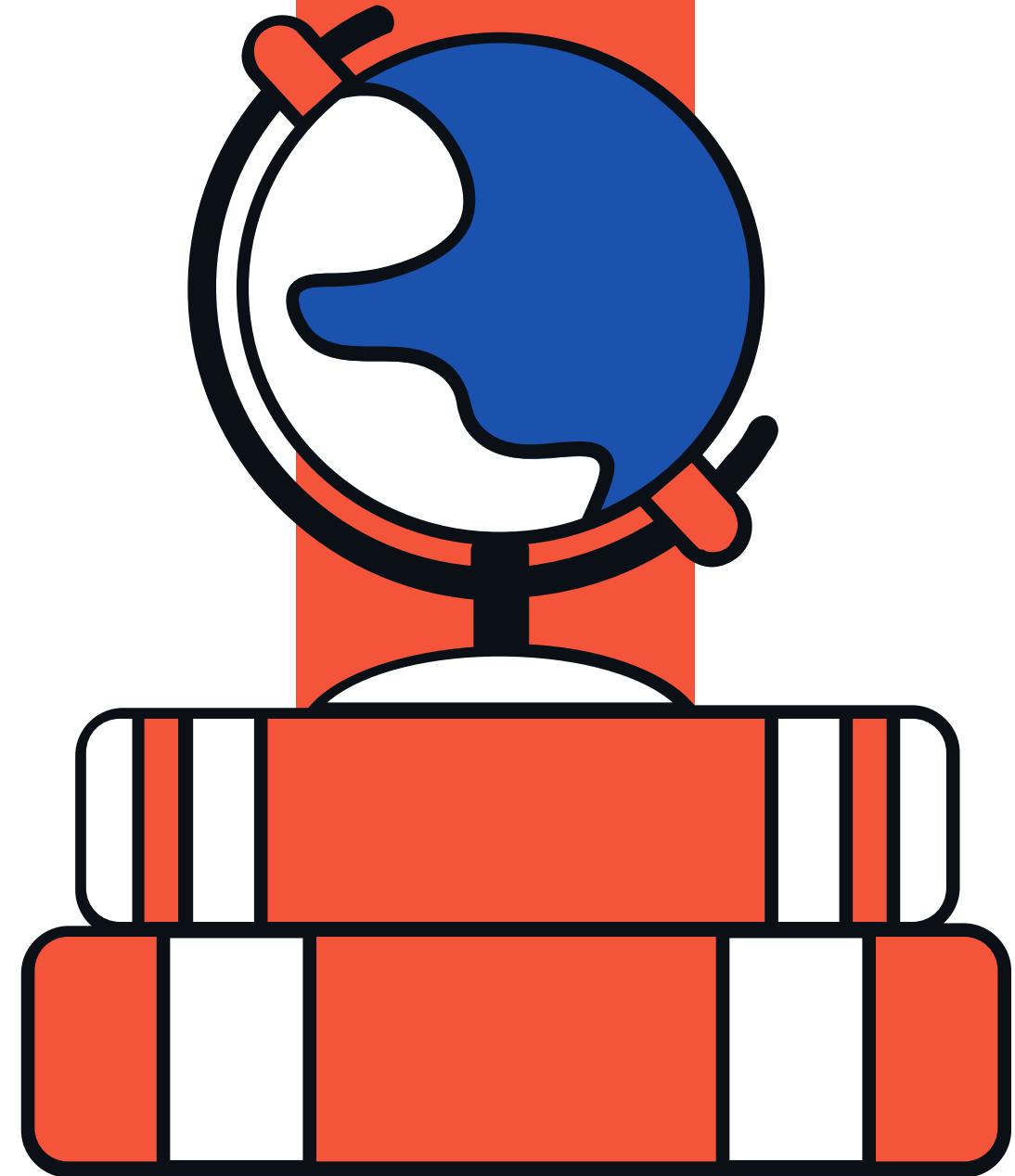




LIBRARY MANAGEMENT SYSTEM

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Abstract

A Library Management System (LMS) is software that handles the day-to-day operations of a library. It helps with issuing, returning, and tracking books, managing student records, and automating all library functions.



1M+
Books Catalog

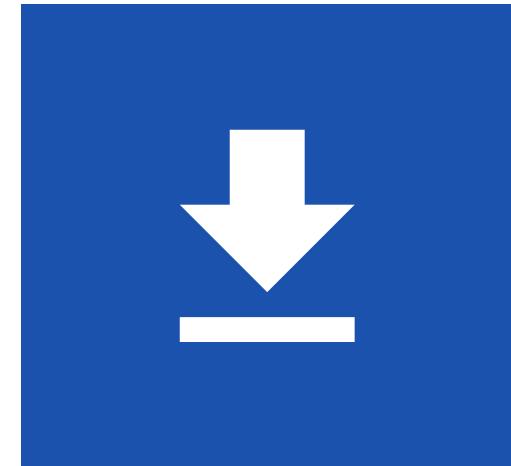
10M+
Active User

1000
Publisher

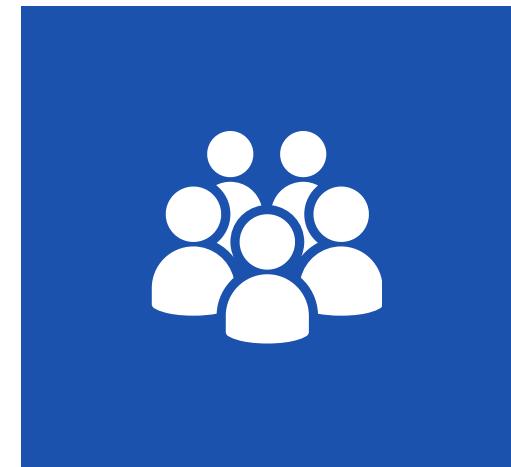


Problem Definition

Manual systems are prone to human error and inefficiencies. Common problems include data loss, duplicate entries, and ineffective tracking of issued/returned books. Objective: Develop a digital system to automate library process.



1000+
Total Download



5000+
Books Catalog

Literature survey

Reviewed various existing LMS such as Koha, NewGenLib.

Key issues noted:

- Integration with existing systems.
- Security and user authentication.
- Handling overdue book alerts.
- UI/UX challenges.



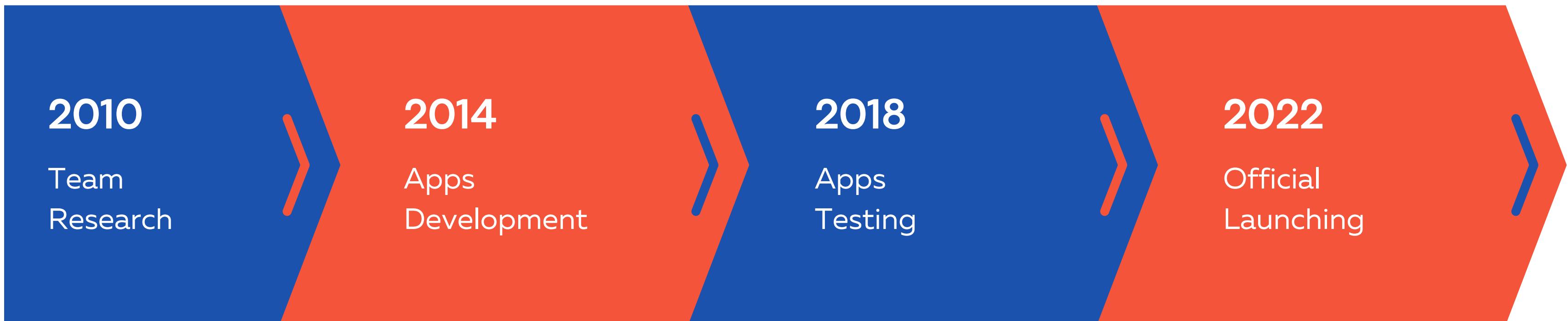
5000+
Books Catalog



work flow diagram

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Tools/Technologies used



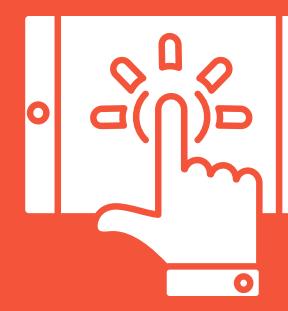
Low Literacy Skills

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Good Books are Hard to Find

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Too Much Screen Time

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Advantages & Disadvantages

Advantages:

- Fast and efficient
- Reduces human error
- Easy inventory control

Disadvantages:

- Initial setup cost
- Requires maintenance
- Dependency on electricity/internet

01

Advantage 

The Library Management System automates book issue/return, tracks availability, and manages users easily,

01

Initial cost – installing or subscribing to the software can be expensive for small institutions.



Features



First Feature

Allow students and librarians to quickly search books by title, author, category, or ISBN.

Instant filtering and suggestions.

Check book availability in real time.

Option to reserve or request a book.



Third Feature

Generate comprehensive reports for better decision making.

Monthly/weekly reports on book issues and return Fine collection and overdue statistics.

Most borrowed books & active users.



Second Feature

Manage students, librarians, and admin profiles easily.

Add, edit, or remove users.

Assign roles (Admin, Librarian, Student).

Track borrowing history of each member.



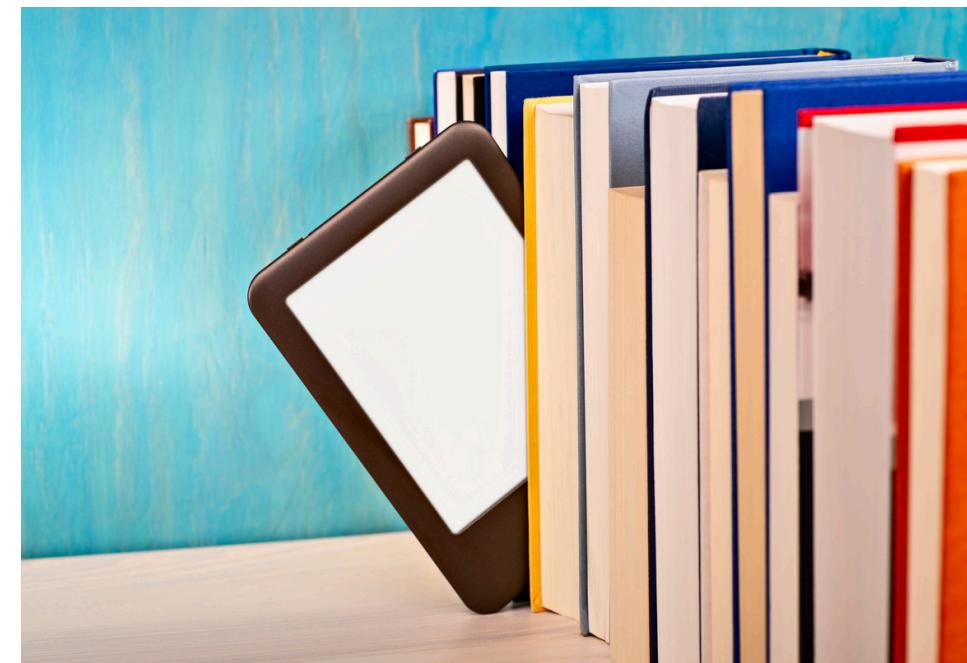
Fourth Feature

Automated Notifications & System Settings

Configure system rules and automatic alerts.

Automatic SMS/email notifications for book issue/return and due dates.

Final Result

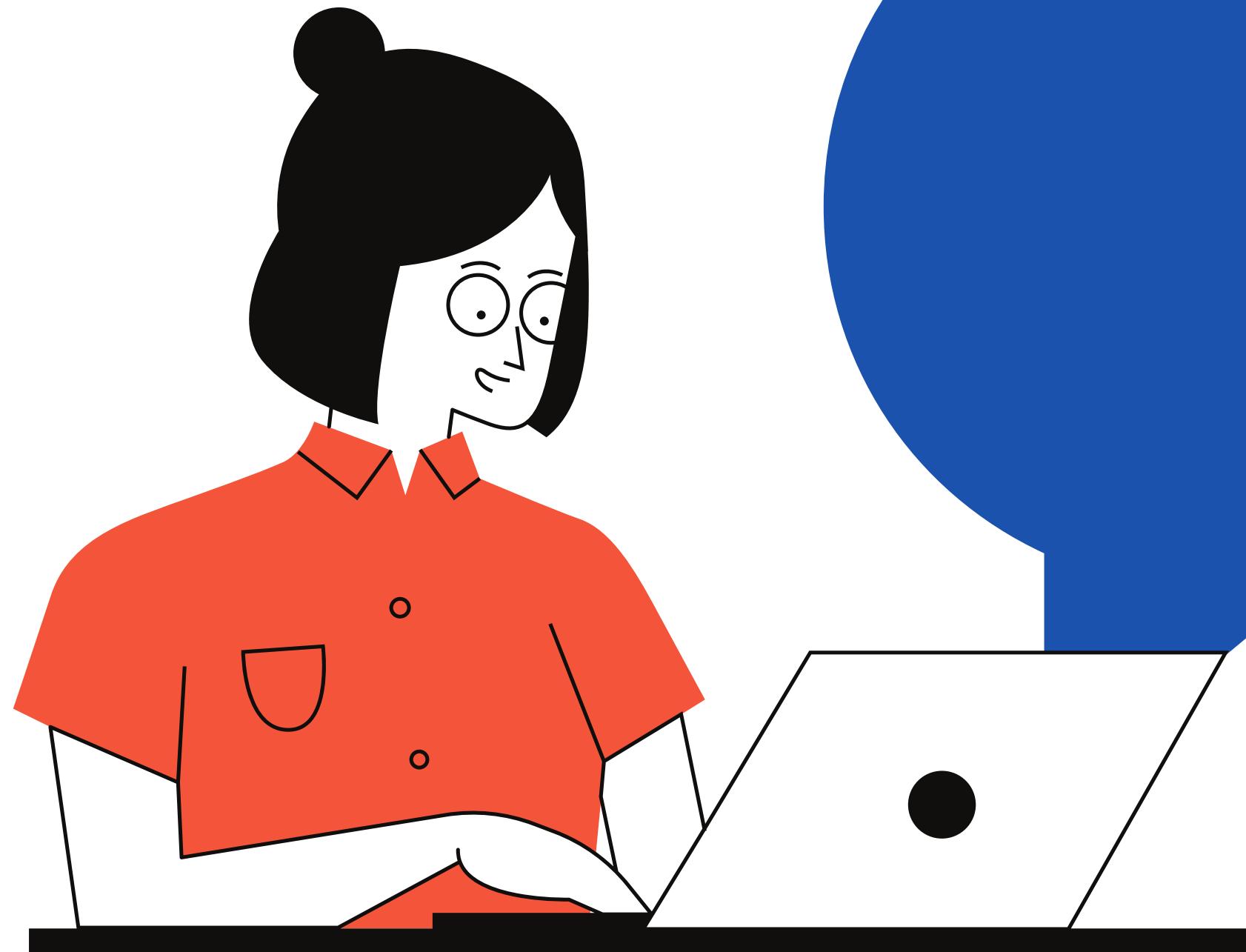


Conclusion

The LMS enhances efficiency in library operations.
It automates core tasks and reduces manual workload.
Helps in better inventory and record management.
Provides a scalable and secure library solution.



Contact Us



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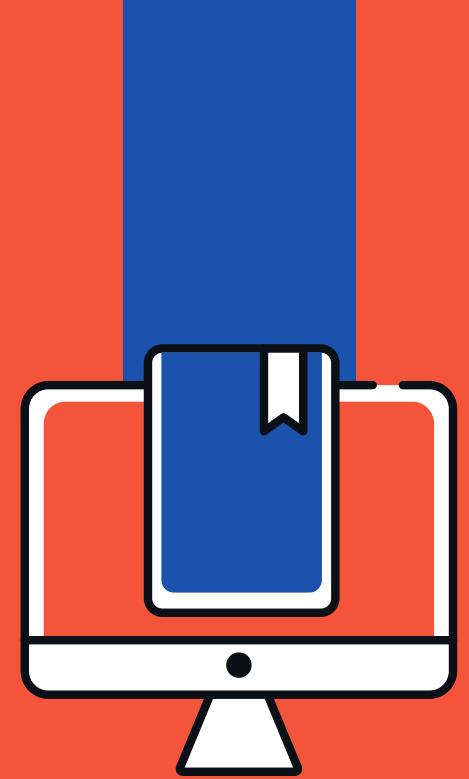
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Thanks