

PROBLEM STATEMENT

It takes a lot of time, is difficult, and is prone to mistakes to manually manage library resources and services. The management of different duties, including book procurement, cataloguing, circulation, and borrower information management, presents challenges for librarians. It is challenging to keep track of the status of books, their availability, and borrower information in the absence of a centralized database system. Additionally, manually creating reports takes time and is prone to mistakes.

A contemporary library management system is therefore required in order to automate library activities and improve the administration of library resources. For librarians to do operations including adding, modifying, and deleting books, searching for books, managing borrower information, and generating reports, the system should offer an intuitive user interface. The system should also give patrons and library personnel up-to-date, factual information.

In order to guard against unauthorized access and guarantee the security of library materials, the library management system should also be secure. The system must be scalable and adaptable in order to satisfy the unique requirements of various libraries. By implementing a library management system, library operations will become more productive, save time and money, and improve the overall user experience.