

ABSTRACT

The Digital Library System (DLS) is an online platform designed to efficiently manage and facilitate book-related activities in a library. The system offers users a user-friendly interface to browse, search, and borrow books, while also providing administrators with tools to manage the library's inventory and track borrowing records. Users can create accounts, log in, and access personalized services such as tracking borrowed books and receiving notifications for overdue items. The system provides a comprehensive book catalog with detailed information and real-time availability updates. Administrators can add and update books, generate reports, and monitor library performance. The DLS leverages modern technologies for scalability, reliability, and security, making it accessible through web browsers for easy access from any device. It revolutionizes traditional library operations, simplifying book management and enhancing the overall library experience.