

1.0 Project Overview

This project aims to develop an online library management system that will provide centralized library management and lending services for library administrators and users. The main functions of the system include book information management, user information management, book search, loan and return management, etc. The system will significantly improve the efficiency of library management and optimize user experience.

2.0 Problem Statement

At present, the library management system has the following problems:

1. Scattered data makes it difficult to centrally manage books and user information.
2. It is inconvenient for users to find books and the process of borrowing and returning books is tedious.
3. The administrator manually records the information of borrowing and returning books, which is error-prone and inefficient.

3.0 Proposed Solution

To deal with the above problems, we plan to develop an online book management system, the specific solutions include:

1. Establish a centralized database for unified management of books and user information.
2. Provide user-friendly book search function, so that users can quickly find the books they need.
3. Automate the management of borrowing and returning books, reduce manual operations, and improve management efficiency and accuracy.
4. Provide a user account function that allows users to view loan history and current loan status