

图书管理系统的设计与实现

摘要

在管理应用方面，信息技术起到了越来越大的作用，而管理信息系统的技术水平也日趋成熟。管理信息系统作为一种不断革新的科学，目前，想要立足时代跟上竞争发展的步伐，就要将内部的组织活动有效提升，需要构建起一个与自身相适应的信息管理系统。

随着社会的进步，计算机的相关应用已经渗透到各行各业中，利用信息技术的设计的管理系统的高效性。使用管理系统在为消费者提供了极大地方便的同时通过减少人工工资以及支出的方式获取更大的利润。使用良好的计算机系统，能够对图书馆的管理和营销方式进行改善，利用信息技术提高图书馆内协同工作的效率，建立与用户之间的桥梁。

本文结合图书馆内图书管理的现实情况以及功能需求，利用 B/S 结构且连接数据库设计开发了基于 MVC 模式用于图书管理以及图书借阅管理相关业务的信息系统。将该系统划分为四大功能模块，主要包括系统管理、图书管理、用户管理以及借阅管理，满足了用户对该系统的功能需求，尽量减少人工管理的成本以及提高图书馆内的工作效率，从而实现了规范化、制度化管理图书信息。

关键字：图书馆 图书 借阅 管理员 B/S 结构

ABSTRACT

In terms of management applications, information technology has played an increasingly important role, and the technical level of management information systems has become increasingly mature. The management information system is a science of constant innovation. At present, if we want to keep up with the pace of competition and development based on the times, we must effectively improve the internal organizational activities, and we need to build an information management system that is suitable for ourselves.

With the advancement of society, computer-related applications have penetrated into all walks of life, and the efficiency of management systems designed by information technology. The use of the management system not only provides consumers with great convenience, but also obtains greater profits by reducing labor wages and expenditures. Using a good computer system can improve the management and marketing methods of the library, use information technology to improve the efficiency of collaborative work in the library, and establish a bridge between users.

Based on the actual situation and functional requirements of book management in the library, this paper uses the B/S structure and connects to the database to design and develop an information system based on the MVC model for book management and book borrowing management related services. The system is divided into four major functional modules, including system management, book management, user management, and borrowing management, which meets the functional needs of users for the system, minimizes the cost of manual management, and improves work efficiency in the library. Realize the standardized and institutionalized management of book information.

Keywords: Library;Book Borrowing;Manager;B/S Structure

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