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题 目： 高校低值易耗品管理系统的分析与设计

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摘 要

低值易耗品在高校教学与科研工作中起着很大的作用，由于学校规模的扩大和科研水平的渐渐提高，低值易耗品用量逐渐加大。基于高校管理层面的需求，越来越多的高校应用企业管理信息系统的理论和方法，逐步探索适用于不同高校的低值易耗品管理信息系统。

高校低值易耗品管理系统开发中实现了高校低值易耗品的出库/入库管理、易耗品的申报管理、系统管理及申购查询和采购查询等功能。基于系统的完整才得以在众多系统中脱颖而出。新易耗品管理系统的建立需要大量的理论知识作为基础，并要求将其与数据库相连接，从而开发完整的新系统，在新系统中，我们能够实现对易耗品整个管理流程的规范，以及对其流程的优化，在使用中得到更好的实用性，从而实现对低值易耗品更科学化的管理，免去其特性带来的管理困难等问题。易耗品管理系统采用先进敏捷开发的方法，开发的同时运行，每当完成一个模块就让用户使用，在第一时间进行调整，实现一个功能完善且满足用户需求的系统。

论文详细介绍低值易耗品管理系统的设计与实现的过程。在设计的过程中逐步优化，对系统进行了整改。分析阶段进行了对系统功能、性能以及安全的需求分析，完成系统的可行性分析。在设计阶段，对系统结构和具体的功能以及数据库进行详细设计争取系统完整。最后对系统中的主要功能模块进行实现，进行合理的调整并对系统进行了评估与总结。

**关键词：**易耗品管理；结构化方法；管理信息系统

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## Abstract

Low-value consumable in teaching and scientific research in colleges and universities plays a big part, due to the expansion of school scale and the scientific research level gradually improve, gradually large dosage of low-value goods. Nowadays, information with the rapid development of computer technology, in institutions of higher learning, the campus broadband network construction has been perfected. More and more colleges and universities apply the theories and methods of management information system, and gradually explore the management information system of low-value consumable goods suitable for different colleges and universities.

In the development of the low-value consumables management system in colleges and universities, the functions of low-value consumables out/in storage management, consumables declaration management, system management, purchase inquiry and purchase inquiry are realized. Based on the integrity of the system was able to stand out in many systems. The establishment of new stores management system requires a lot of theoretical knowledge as the foundation, and requires to be connected to the database, so as to develop a complete new system, in the new system, we can realize the consumption products specifications of the whole management process, and the optimization of the process, better practicability in use, so as to realize the management of low-value products more scientific, and was relieved from the property management difficult problem. The consumable management system adopts the advanced agile development method, which runs at the same time of development. Every time a module is completed, users can use it and adjust it at the first time to realize a system with perfect functions and meet the needs of users.

Paper detailed introduction of low-value non-durable equipment management system design and implementation process. In the process of design, the system is optimized step by step. In the analysis stage, the requirements of system function, performance and safety are analyzed, and the feasibility analysis of the system is completed. In the design stage of the system, the detailed design of the system structure and specific functions as well as the database to strive for the integrity of the system. Finally, the main function modules in the system are realized, and the system is evaluated and summarized.

**Key words: Consumable Management; Structured Approach; Management Information System**

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