
基于 J2EE 的医药销售管理系统的设计与实现

摘 要

在计算机技术快速发展的今天，计算机管理技术开始对各行各业产生深远影响，并在不同行业有较好的应用，例如企业 ERP 管理系统、学校信息管理系统、线上购物系统等。综合应用计算机技术，保持较强的信息化程度、办公效率，同时因为药品本身有着较为丰富和多样化的品类，在购买时也设立不同的门槛和标准，如何持续推动医疗销售管理工作的有序开展，将对医疗销售信息改革产生巨大影响。

本次设计立足于 B / S 框架进行整体设计，通过选择 JAVA 开发语言满足系统开发需求，在技术体系结构上选择 J2EE，在设计模式上选择模型视图控制，在关系数据库上选择 SQLServer2012。系统管理员是本次系统的主要操作者，需要分别从 7 个功能板块满足操作者的管理需求，具体如下：用户管理、警报管理、药品管理、系统登录、订单管理、库存分析、销售人员。其中，值得关注的是警报管理模块主要针对的是稀缺商品，为其提供警报；库存分析模块则是更新和管理系统库存信息。

关键词：医药管理系统；B/S；JavaEE；三层架构

ABSTRACT

With the rapid development of computer technology today, computer management technology has begun to have a profound impact on all walks of life, and has a good application in different industries, such as enterprise ERP management system, school information management system, online shopping system and so on. Comprehensive application of computer technology, maintain strong informatization degree, total efficiency, at the same time because of the drug itself has a relatively rich and diverse category, also set up different threshold and standards when buy, how to continue to promote medical sales management work orderly, will have a huge impact on medical sales information reform.

This design is based on the B/S framework for the overall design, through the choice of JAVA development language to meet the development needs of the system, choose J2EE in the technical architecture, choose model view control in the design mode, choose SQLServer2012 in the relational database. The system administrator is the main operator of this system, and needs to meet the operator's management requirements from 7 functional segments, specifically as follows: user management, alarm management, drug management, system login, order management, inventory analysis, and sales personnel. Among them, it is worth paying attention that the alarm management module mainly aims at scarce commodities and provides them with alerts; The inventory analysis module updates and manages the system inventory information.

Keywords:Pharmaceutical management system;B/S;JavaEE;three-tier architecture

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