基于 B/S 架构的超市运营支撑管理系统的设计与实现

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摘　要：为了提高超市的商品管理、购销效率以及服务水平，与此同时大大降低超市运营过程中的运营成本。随着这些年来我国超市的经营规模不断扩大，大量的库存数据、商品详情、销售记录等信息需要处理，单纯依靠人工记忆和手工录入的方式，不仅仅浪费时间和精力，而且面对大量的数据还非常的容易出错。如今的科技在快速发展中，B/S 架构是 WEB 兴起后的一种网络架构模式，简化了系统的开发、维护和使用，可以使工作更加方便高效。

结合超市运营的业务需求，运用 jQuery、EasyUI 前端框架、MySQL 和 SSM（Spring+SpringMVC+Mybatis）框架开发了一个基于 B/S 的超市运营支撑管理系统。该系统由商品管理模块、前台销售模块、统计分析模块、系统管理模块等模块组成。前端主要基于 EasyUI 前端框架构建整体管理系统界面。后端通过 Spring 轻量级容器框架管理 JavaBean，结合 SpringMVC 拦截前端请求，通过 Handler Mapping 去匹配控制层，再结合 Mybatis 持久层框架通过 sqlSessionFactory 获取 sqlSession 后与数据库交互让数据库底层操作变的透明而简单。

除此之外，系统通过超市员工不同的角色绑定对应的功能菜单，登录时动态加载菜单实现菜单权限功能。后端对运行时的异常情况的统一处理，确保超市运营系统的的稳定性，此系统具有较强的可拓展性、维护方便、数据操作处理简单等特点，提高了超市运营时信息处理的的效率和可靠性，让超市超市管理运作更现代化、更便捷化、更高效化、更高水平化。

关键词：信息化管理；超市运营；

Design and Implementation of Supermarket Operation Support Management System Based on B / S Architecture

Abstract: In order to improve the commodity management, purchase and sale efficiency and service level of the supermarket, at the same time, greatly reduce the operation cost in the operation process of the supermarket. With the continuous expansion of the operation scale of supermarkets in China in recent years, a large number of inventory data, commodity details, sales records and other information need to be processed. Relying solely on manual memory and manual entry, not only wastes time and energy, but also is very easy to make mistakes in the face of a large number of data. Nowadays, with the rapid development of science and technology, B / S architecture is a network architecture mode after the rise of web, which simplifies the development, maintenance and use of the system and makes the work more convenient and efficient.

Combined with the business requirements of supermarket operation, a supermarket operation support management system based on B / S is developed by using jQuery, easyUI front-end framework, MySQL and SSM (Spring + spring MVC + mybatis) framework. The system consists of commodity management module, foreground sales module, statistical analysis module, system management module and other modules. The front-end mainly constructs the overall management system interface based on the easyUI front-end framework. The back end manages JavaBeans through the spring lightweight container framework, intercepts the front-end requests with spring MVC, matches the control layer