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## 基于 B/S 的烟草销售管理系统设计与实现

### 摘要

目前，在全球化背景下，企业面临的竞争压力越来越大，这就要求企业采用信息技术进行流程管理，对企业的日常订单管理、采购管理、仓库管理等业务进行实时有效的监控，从而提高企业经营效率和现代化水平。

在研究某烟草销售管理企业销售现状的基础上，针对需要解决的问题，提出了该企业所需的系统功能需求和性能要求，并进行了烟草销售管理系统的设计与实现。本系统采用 B/S 架构进行开发，采用 J2EE 技术进行架构设计，编写 Java 语言，同时在系统功能和页面处理上选择 JSP 技术进行操作。系统采用供应链优化管理理论和算法，对烟草销售管理中的采购流程和仓库管理流程进行优化和改进。在系统需求分析中，选择 UML 建模语言对用户用例进行分析，进一步明确烟草销售管理系统的功能需求和非功能需求。在系统总体架构设计的基础上，详细阐述了系统的功能结构、流程图和时序图，并对用户登录管理、基本信息管理、订单管理、采购管理、仓库管理和报表分析等功能进行了实现，阐述了系统的管理功能、接口的实现和实现方法，最后对系统进行了功能测试和性能测试，验证了系统符合原设计要求。

目前，该系统已在企业中投入使用，运行良好。它能有效解决烟草销售管理企业在销售管理过程中存在的流通和销售问题，有效提高了企业的经济效益，满足了用户的期望，得到了认可。

关键词：B/S 结构；Java 语言；烟草销售；管理系统；设计实现

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## Abstract

At present, under the background of globalization, enterprises are facing more and more competitive pressure, which requires enterprises to adopt information technology for process management, real-time and effective monitoring of daily order management, purchase management, warehouse management and other businesses of enterprises, so as to improve enterprise operating efficiency and modernization level.

On the basis of studying the sales status of a tobacco sales management enterprise, this paper puts forward the system functional requirements and performance requirements for the enterprise, and designs and implements the tobacco sales management system. This system USES B/S architecture for development, USES J2EE technology for architecture design, writing Java language, at the same time in the system function and page processing on the choice of JSP technology for operation. The system adopts supply chain optimization management theory and algorithm to optimize and improve the purchasing process and warehouse management process in tobacco sales management. In the system demand analysis, the UML modeling language is selected to analyze the user use cases to further clarify the functional and non-functional requirements of the tobacco sales management system. In the system, on the basis of overall architecture design, in detail elaborated the system function structure, flow chart and timing diagram, and the user login management, basic information management, order management, procurement management, warehouse management and reporting analysis functions such as the implementation, this paper expounds the management of system functions, the realization of the interface and implementation methods, finally, the system function test and performance test, verify the system conforms to the original design requirements.

At present, the system has been put into use in enterprises and runs well. It can effectively solve the circulation and sales problems of tobacco sales management enterprises in the process of sales management, effectively improve the economic benefits of enterprises, meet the expectations of users, has been recognized.

**Key words:** B/S structure; The Java language; Tobacco marketing; Management

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system; Designed and implemented

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