## 哈尔滨北方味精厂管理系统设计

## 摘要

现在计算机的技术发展的可以说是越来越好了,同时,计算机的技术在人们的日常生活和学习中也起着很重要的作用。就目前来说,市场上的各种各样的工厂管理类的软件比较丰富,但是在这些软件当中,主要分为了两个部分,一部分是通用的软件,一部分是专用的软件。通用的软件由于大家都可以去使用,通用性太强,所以相对功能会比较多,软件也会比较大,一些企业难免会不适应,使用不了。专用软件主要是针对单一厂家进行定制的,针对性很大。

本次研究对象是哈尔滨北方味精厂,想要进军信息化,提高工作效率,所以进行开发针对该工厂量身打造的适合的味精厂管理系统。

其中,在对系统进行分析考察的时期,本文通过对相关事物的调研和分析,了解了这类系统的作用是协助使用该系统的企业达到对企业生产的产品所使用的原材料的购买、仓库的管理生产出的产品的售出和买方、原材料提供的商家的这些基本信息的管理的效果。并且在上述的分析和调查结束的基础上,真正的知道了用户所需要的具体功能是什么,并且分析了用户所需要的这些功能之后,讨论了该系统的结构和性能。从系统的结构角度考虑,系统所采用的是 B/S 的三层架构模式,这种结构的优点就是提高系统的扩展性和操作性,另外,该系统同时采用了 MVC 的模式,该模式可以有效地降低系统的复杂度和耦合度。

关键词: 味精厂管理系统: MVC 模型: 量身打造

## Abstract

Now the development of computer technology can be said to be better and better. At the same time, computer technology plays a very important role in people's daily life and learning. At present, there are many kinds of factory management software in the market, but these software are mainly divided into two parts, one is general software, the other is special software. Because the general software can be used by everyone, it is too general, so there will be more functions and software, and some enterprises will inevitably not adapt to it. The special software is mainly customized for a single manufacturer, with great pertinence.

This research object is Harbin North monosodium glutamate factory, want to enter information technology, improve work efficiency, so carry out the development of a suitable monosodium glutamate factory management system tailored for the factory.

Among them, in the period of analysis and investigation of the system, through the investigation and analysis of related matters, this paper understands that the function of this kind of system is to help the enterprises using this system to achieve the effect of purchasing raw materials used by the products produced by the enterprises, selling the products produced by the warehouse management, and managing these basic information provided by the buyers and the raw materials merchants. And on the basis of the above analysis and investigation, we really know what specific functions users need, and after analyzing these functions users need, we discuss the structure and performance of the system. From the perspective of system structure, the system adopts the three-tier architecture mode of B / s. The advantage of this structure is to improve the expansibility and operability of the system. In addition, the system also adopts the mode of MVC, which can effectively reduce the complexity and coupling of the system.

**Keywords:** Monosodium glutamate plant management system MVC model customized

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