

基于B/S架构的网上购物系统设计与实现

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基于 B/S 架构网上购物系统

设计与实现

Design and Implementation of Online Shopping System Based
on B/S Architecture

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摘 要

我国网上购物市场有着较大的发展空间，国内网上购物的人数也在不断的增多。基于此，为更好的满足消费者网上购物的需求，构建一个好的网上购物平台是非常必要的。

本文的主要内容是分析、设计、实现网上购物系统。通过分析 ASP 技术、B/S 技术、数据库技术以及系统的功能性需求和非功能性需求；然后就网上购物系统进行具体设计，分别从系统前台、系统后台以及系统数据库三个方面进行；其中前台是以注册登录、物品搜索、购物、订单为主要内容展开的，后台是以登录、物品管理、用户管理、物品类别管理、信息管理为主要内容展开的；而数据库系统则分别以上述内容为主线进行详细的设计。之后是系统的详细实现，以配置 IIS 服务器、连接数据库、前台后台实现为主线进行分析实现。最后是系统测试，这是对于本文设计的网上购物系统进行全面的测试，主要从其功能和性能两个方面展开。

本文所设计的网上购物系统虽然可以满足基本的购物功能需要，但还是存在着不少的问题，如难以满足真实用户的需要、系统结构还有待更为细致的设计、系统数据库的限制、系统建设需要保留技术支持功能等。相信未来通过学习可以设计的更好更完善。

关键词：网上购物系统；ASP 技术；B/S 架构

ABSTRACT

With the continuous development of network technology and computer technology, the mystery of the network does no longer exist. Computer network technology at home and abroad with respect to the previously has been greatly improved, the network has entered the homes in our country, more and more Internet users like through this not be able to go out to buy their favorite products shopping way. Online shopping system through network technology to achieve the effective interaction between the merchant server and client browser, you can pay online, complete online transactions between businesses and customers. With the help of online shopping system, consumers can buy their favorite goods at home, that is fast and convenient, to promote the active market economy; improve the speed of the circulation of goods. At the same time, whether it is the consumer, or business, it has a positive effect.

China's online shopping market has a larger space for development; the number of domestic online shopping is also increasing. Based on this, in order to better meet the needs of consumers online shopping; build a good online shopping platform is very necessary.

The main content of this paper is the analysis, design and implementation of online shopping system. By ASP technology, B/S technology, database technology and the system's functional requirements and non functional demand analysis; then on-line shopping system were detailed design, respectively, from in front of the system, system background and database system three aspects; including the front desk is to register and login, search for items, shopping, order as the main content, the background is to login, goods management, user management, goods category management, information management as the main content; and database system respectively to the content as the main line were detailed design. After the detailed implementation of the system in order to configure the IIS server, connect to the database, the front desk to achieve the main line for analysis. Finally is the system test, this is the on-line shopping system which designs in this article carries on the comprehensive test, mainly launches from its function and the performance two aspects.

In this paper for the design of online shopping system, it can meet the needs of

the basic shopping function. But there are still many problems, such as it is difficult to meet the need of the real users, the system structure remains to be more careful design, system database and system construction need retain technical support functions such as. I believe that the future can be designed better and better.

Key words: Online Shopping System; ASP Technology; B/S Architecture

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