

基于.net 的农产品网上销售系统的设计与实现

摘 要

互联网技术的普及和电子商务的快速发展给农产品销售带来了契机，尤其是在新冠肺炎疫情期间，非接触商业模式盛行的情况下，农产品电子商务发展迎来了一个新的高潮。而农产品销售平台系统的开发和利用是电子商务发展的基础，本文针对这一系统进行设计，采用.net 技术框架，采用 ASP.NET 以及 SQL.Server 数据库技术，对农产品网络销售平台系统进行开发。论文首先介绍了研究背景，研究的现状和论文的架构，接着对系统开发的整体环境和技术的应用情况进行了概述，然后对系统的需求进行分析，包括系统的功能，系统的性能，建立系统用例模型，以及系统开发平台和具体的工具进行研究。论文对系统的设计进行了分析，包括系统设计的原理，系统功能结构，总体流程和数据库的设计等，并对系统的实现进行了呈现，包括用户注册情况的实现，农产品信息输入的实现，购物车管理的实现，用户订单管理的实现，管理员登录的实现，分类管理的实现，农产品管理的实现，新闻管理的实现，以及管理员订单管理的实现等，最后对系统的运行情况进行了测试。

关键词：.net 技术；ASP.NET；SQL.Server 数据库；架构设计

ABSTRACT

The popularization of Internet technology and the rapid development of e-commerce have brought opportunities for the sale of agricultural products. Especially during the new coronary pneumonia epidemic and the non-contact business model prevailing, the development of agricultural e-commerce has ushered in a new climax. The development and utilization of agricultural product sales platform system is the foundation of the development of e-commerce. This article designs for this system, adopts .net technology framework, adopts ASP.NET and SQL.Server database technology to develop the agricultural product network sales platform system. The thesis first introduces the research background, the current status of the research and the structure of the thesis. Then, it summarizes the overall environment and technology application of system development, and then analyzes the system requirements, including system functions, system performance, and system establishment. Use case models, as well as system development platforms and specific tools for research. The paper analyzes the design of the system, including the principles of system design, system functional structure, overall process and database design, etc., and presents the implementation of the system, including the realization of user registration, the realization of agricultural product information input, shopping The realization of vehicle management, the realization of user order management, the realization of administrator login, the realization of classification management, the realization of agricultural product management, the realization of news management, and the realization of administrator order management, etc., finally tested the operation of the system.

Keywords: .net technology; ASP.NET; SQL.Server database; architecture design; system testing

目 录

1 绪论	1
1.1 研究背景及意义	1
1.2 研究现状	2
1.3 论文研究内容	3
2 系统开发环境介绍	4
2.1.net 框架介绍	4
2.2 系统架构	4
2.3ASP.NET 概述	5
2.4SQL Server 数据库	5
3 系统需求分析	7
3.1 系统功能需求	7
3.2 系统性能需求	7
3.3 建立系统用例模型	7
3.4 建立系统用例规约	8
3.5 系统开发平台与工具	10
4 系统设计	11
4.1 系统设计原理	11
4.2 系统功能结构	11
4.3 系统总体流程	13
4.4 数据库设计	14
5 系统实现	21
5.1 用户注册	21
5.2 农产品信息	21
5.3 购物车管理	22

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