摘要

目前的电子商务发展迅速，人们购物越来越方便，特别是大学生，可以说是网购的最大群体了，但这也导致了很多物品闲置。很多大四毕业生在他们离校之前都会选择将自己一些用不到的、带不走的东西，例如，书籍、书桌、鞋架......低价售于学弟学妹们，同时这些东西对学弟学妹们来说真的是既实惠又实用。因此近几年在大学里，二手交易的热潮越来越热，他们以摆摊、qq、微信等形式进行交易，但这些形式在一些方面都存在难以管理、耗时耗力的缺点。为此很有必要做这样一个校园二手平台，这将有利于信息资源的最大化利用。

系统基于 J2EE 平台，B/S 架构进行开发，开发工具使用的是 MyEclipse，JDK版本 1.8，数据库用得是 MySQL，使用了当前流行的 SSM(Spring+Spring Mvc+Mybatis)框架，应用 Cookie、jQuery、AJax、layUI、Quartz 定时器、拦截器等技术。本系统实现了注册登录、记住密码、修改个人信息、发布商品、搜索商品、收藏商品、关注卖家、给卖家留言、投诉、商品评价、查看历史足迹、订单管理、商品管理，网站后台部分实现了会员管理、商品分类管理、公告管理、投诉管理功能。

本文首先详细介绍了项目的开发背景，其次从系统功能需求、数据需求、系统非功能性需求三个方面进行需求分析，然后从功能模块设计和数据库设计两方面进行系统设计，接着结合系统架构对系统功能进行详细介绍，最后是对项目的总结和展望。

关键词：校园二手平台；J2EE 平台；SSM 框架

Abstract

With the rapid development of e-commerce,people are shopping more and more conveniently,especially college students,which can be said to be the largest group of online shopping,but it also leads to a lot of idle goods.Before they leave school,many senior graduates will choose to sell something they can't use and take away,such as books,desks,shoe racks,etc.at a low price to their younger students.At the same time,these things are really affordable and practical for younger students.Therefore,in recent years,in universities,the upsurge of second-hand transactions is getting hotter and hotter.They trade in the form of stalls,qq,wechat and so on,but these forms are difficult to manage and time-consuming in some aspects.Therefore,it is necessary to build such a second-hand campus platform,which will be conducive to maximizing the use of information resources.

The system is developed based on J2EE platform and B/S architecture.The development tools are MyEclipse and JDK version 1.8.The database is MySQL.The popular framework of SSM(Spring+Spring Mvc+Mybatis)is used,and Cookie,jQuery,AJax,layUI,Quartz timer,interceptor and other technologies are applied.This system realizes the functions of registering,registering,remembering passwords,modifying personal information,publishing commodities,searching commodities,collecting commodities,paying attention to sellers,leaving messages to sellers,complaining,evaluating commodities,viewing historical footprints,order management and commodity management.The backstage part of the website realizes the functions of membership management,commodity classification management,announcement management and complaint management.

Firstly,this paper introduces the development background of the system in detail.Secondly,it carries out requirement analysis from three aspects:system functional requirement,data requirement and system non-functional requirement.Secondly,it designs the system from two aspects:function module design and database design.Secondly,it introduces the system function in detail combined with system architecture.Finally,it summarizes and prospects the project.

Key Words: Second-hand Platform on Campus,J2EE platform,SSM framework

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