

基于 JAVA 的民宿旅客客房管理系统的设计与开发

摘 要

21 世纪初以来，中国经济迅速发展，人民生活水平不断提高。越来越多的人为了旅游和消费去了国内各种各样的旅游地方，促进了民宿产业的发展。民宿抓住这个机会的重要因素是可以提高他们的管理能力。由于计算机硬件和软件技术的快速发展和成熟，以及计算机网络技术的管理和支持，酒店管理人员看到利用计算机软件管理酒店的便利性，明确了解到其效率性，电脑管理的支援不仅仅是改善酒店的管理，在提高民宿的平均化、运营效率的同时，削减民宿的管理成本，为民宿的事业展开带来新的活力。

在本文的设计中，为了一边使用 B/S 架构一边开发系统，整体使用 Spring 和 Mybatis 框架技术，选择 Tomcat 服务器和 MySQL 作为数据库服务器。本文主要从系统要求分析、系统设计、数据库设计、系统实施、系统测试 5 个方面进行说明。设计时请严格遵循软件工程的想法。这个系统实现了客房管理所需的 5 个基本功能，分别为客房管理、住宿管理、管理者登录、乘客管理、财务管理。

系统接口简单而明确。由此，以往的酒店管理商务流程大幅简化，实现了优秀的可分级性，提高了酒店客房管理的效率，酒店管理得到了优化，从而给酒店的运营带来了更大的好处。

关键词： 民宿旅客客房管理系统；SSM 框架；JAVA；MySQL

Abstract

Since the beginning of the 21st century, China's economy has developed rapidly and people's living standards have been continuously improved. More and more people go to various domestic tourist places for tourism and consumption, which promotes the development of B & B industry. An important factor for B & B to seize this opportunity is to improve their management ability. Due to the rapid development and maturity of computer hardware and software technology, as well as the management and support of computer network technology, hotel managers see the convenience of using computer software to manage hotels and clearly understand its efficiency. The support of computer management is not only to improve the management of wine shops, but also to reduce the management cost of B & B while improving the average and operational efficiency of B & B Ben brings new vitality to the development of family boarding.

In this paper, in order to develop the system while using B / S architecture, using spring and mybatis framework technology as a whole, Tomcat server and MySQL are selected as database servers. This paper mainly from the system requirements analysis, system design, database design, system implementation, system testing five aspects are described. Please strictly follow the idea of software engineering when designing. The system realizes five basic functions of room management, which are room management, accommodation management, manager login, passenger management and financial management.

The system interface is simple and clear. As a result, the business process of hotel management in the past has been greatly simplified, achieving excellent classifiability, improving the efficiency of hotel room management, hotel management has been optimized, thus bringing greater benefits to the operation of the hotel.

Key words: guest room management system; SSM framework; Java; MySQL

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