

基于 ASP 学籍管理系统的设计与实现

摘 要

计算机科学技术的不断发展，为各个领域多个方向的应用变得更加深入和高效化，教育行业也不例外。作为学校重要的管理内容，学生学籍管理工作也需要改变传统管理方式，对于以往人工管理中出现的问题进行解决，可以减少进行相关人员的工作压力，提高工作效率，让整个管理工作更加高效便捷。

本文就当前学校学籍管理方面的背景情况进行梳理及了解后，总结本文的研究意义，指出本文主要的研究内容和工作，然后基于相应技术手段开展系统建设的需求调研及分析工作，进行调研人员需求点内容并得出系统功能需求、功能流程等要求，然后从主要功能、数据库等层面进行系统设计，从登陆、主页面、资费管理等基本功能出发，对于系统权限情况进行控制，并考虑到系统访问优化情况，力争满足相关人员的真实诉求。最后，对于系统的功能、性能以及可靠性方面展开测试，验证功能可用性。通过本次开发后，贴合实际诉求内容进行系统的设计与开发，利用信息化手段完成对于学籍管理，让传统工作效率更加提升，减少工作人员压力。

关键词：学籍管理；B/S；ASP.NET；SQL Server 数据库

ABSTRACT

With the continuous development of computer science and technology, the application of various fields and directions has become more in-depth and efficient, and the education industry is no exception. As an important management content of the school, the management of student status also needs to change the traditional management mode. Solving the problems in the past manual management can reduce the work pressure of relevant personnel, improve work efficiency, and make the whole management more efficient and convenient.

After combing and understanding the background of current school roll management, this paper summarizes the significance of this study, points out the main research content and work of this paper, and then carries out the demand research and analysis of system construction based on the corresponding technical means, carries out the content of the demand points of the researchers and obtains the requirements of the system function requirements, functional processes, etc., and then from the main functions The database and other aspects of the system design, from the landing, main page, tariff management and other basic functions, to control the system permissions, and consider the system access optimization, and strive to meet the real demands of relevant personnel. Finally, the function, performance and reliability of the system are tested to verify the functional availability. After this development, the system is designed and developed according to the actual requirements, and the information technology is used to complete the management of student status, so as to improve the traditional work efficiency and reduce the pressure of staff.

Keywords: student status management; B/S; ASP.NET; SQL Server Database

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