Design and Implementation of Employment Management System Based on B / S

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ABSTRACT

As society progresses with computer technology, the rapid development of network technology, data, and information technology has become the development trend in today’s society. How to improve college employment rate and improve their own competitiveness is a problem faced by many universities. At present, most graduates are accustomed to finding suitable employers through the Internet platform, a way to communicate with students in a timely and effective manner. This system provides a platform for the college to communicate with students, publish employment information of employers, and maintain employment information platform for students. Through student self-maintenance methods to save students and schools, employment units direct communication costs. The system uses Java, WEB and Ajax technology to school statistics, recruitment of employers, students work together to build B / S structure of the site. This website statistics college employment rate, the use of units, schools and students need information.

KEYWORDS

Employment Management, Java WEB Ajax B/S, Statistics, Student Employment

1. RESEARCH BACKGROUND

In recent years, with the continuous enrollment of higher education institutions in China, the number of college graduates is also increasing, the amount of data and information that schools need to deal with is increasing. Faced with such a large-scale employment management, the traditional office management has been unable to meet the school and students between the rapid transmission of information and processing needs, using computer and network technology to plan, manage and analyze the employment of college graduates has become the trend of the times (Kong, 2014). The emergence of graduate management system to solve this problem, improve the management of graduates, thereby enhancing the competitiveness of schools, Traditional telephone, verbal and waste of time and money, but also prone to error. So the employment management system began to play its role.

School Employment Management System, English full name: School Management System for the Design of the Employment, Referred to as MSE. The use of a variety of web technology is conducive to improving the ability of human-computer collaboration, in order to achieve full use of information, improve work efficiency and quality of work, improve productivity.
This article describes how to implement MSE:

1. The first is the analysis of the demand that the overall grasp of the system, this section is user-oriented, the user’s business activities analysis, a clear user’s business environment, the system should do.
2. Then the key design of the project, the key design is from the developer point of view, the demand for a comprehensive analysis, to comply with the idea of object-oriented programming and MVC development ideas, the use of various forms of the system module design expression.
3. Then a detailed implementation of the system.
4. Finally, the system shortcomings and unfinished parts.

2. NEEDS ANALYSIS

2.1. Introduction

In order to facilitate the display and development of employment management system, this section from the main function of the employment management system to introduce the system function structure and related descriptions.

The employment management system aims to help the school teacher through the report form statistics; the student data are quicker to understand the student newest tendency, In order to better manage the students’ resources, the student auditing function is introduced, which includes the maintenance, examination and adoption of students’ information, and achieves the statistics of students’ latest trends through the cooperation of teachers and students. The system is also for schools and students to provide user management, post announcement, data statistics, student management, questionnaire management.

1. **User management Module**: Including the management of students and teachers of different users, by different users to mount different functional rights, to achieve the purpose of user classification, that is, as long as the user can access the corresponding permissions of the functional modules.
2. **Announcement Post Management Module**: To achieve the release of announcements, management announcements, posts, management positions and other functions, to achieve the release of resources teachers, students use the resources pipeline type of function.
3. **Student Information Management**: To provide students with data maintenance, resource auditing and other functions.
4. **Data Statistics**: The realization of student data statistics, tabulation.
5. **Questionnaire Survey Module**: To achieve the release of the questionnaire, shelves, shelves, management and viewing capabilities.

2.2. Naming Standards and Definitions

Based on the B/S Employment Management System (Graduate employment management system, MSE): abbreviation for this system.

MD5 encryption (Message Digest Algorithm MD5 referred to as MD5) is widely used in the field of computer security as a hash function, to provide message integrity protection. The algorithm has a file number of RFC 1321 (Rivest, MIT Laboratory for Computer Science and RSA Data Security Inc. April 1992). MD5 processes the input text in 512-bit packets, each divided into 16 32-bit subgroups. The output of the algorithm consists of four 32-bit packets, which are concatenated to form a 128-bit hash value (Luo, 2012).

SHA (Secure Hash Algorithm for short) is mainly applicable to the digital signature standard (Digital Signature Standard DSS) which defines the digital signature algorithm (Digital Signature Algorithm DSA), SHA1 generates a 160-bit message digest for messages shorter than $2^64$ bits (Wang, Yin & Yu, 2005).
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