

A Study on Ideological Education in Universities Guiding Students to Apply What They Have Learned to the Digital Construction of Organizations in Hebei Province

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Abstract: At present, universities are in the background of transformation from traditional education to applied talents training, and the cultivation of applied talents needs the deep integration of ideological education and craftsman spirit. Based on this judgment, as a staff of ideological education for students, in order to cultivate students' concern about current affairs and the construction and development of China's socialist cause, and make students apply what they have learned through schools and classrooms, this paper puts forward that ideological education in universities should guide students to apply what they have learned to the research of digital construction in Hebei Province. This department adopts J2EE platform, and the overall structure of Hebei organization establishment management system adopts centralized database mode. The system is divided into basic information management, job responsibility management, organization management, personnel management and other functional modules. Supported by the achievements of modern information technology, this department can further improve the organization staffing management mode and standardize management means, facilitate the organization staffing management departments at all levels to efficiently inquire, modify information and statistically analyze the staffing situation, improve the organization staffing management level and work efficiency, and reflect the idea that the organization staffing management keeps pace with the times.

1. Introduction

The organization department should conform to the trend of the information revolution era, accelerate the digitalization of organization, and constantly promote the high-quality development of organization in the new era. However, the digitalization construction of the organization establishment management system in Hebei Province is not yet mature, and there are many problems, such as too many internal staff, the number of personnel in each department does not correspond to the number of personnel, and the information of the upper managers in each department cannot be shared. The digitalization of organization staffing management system, supported by the achievements of modern information technology, can further improve the organization staffing management mode, standardize management means, facilitate the organization staffing management departments at all levels to efficiently inquire, modify information and statistically analyze the staffing situation, improve the organization staffing management level and work efficiency, embody the idea of keeping pace with the times, and fundamentally make the

organization staffing management work embark on the road of informationization, digitization, standardization, speediness and integration.

At the request of the country, the government and the times, in view of the actual problems in Hebei Province, we put forward the research on the digital construction of the organization establishment management system. In addition, as a staff of ideological education for students, in order to cultivate students' concern about current affairs and the construction and development of China's socialist cause, and make students apply what they have learned through schools and classrooms, this paper proposes that ideological education in universities guide students to apply what they have learned to the research of digital construction in Hebei Province.

2. Outline Design of System Structure

In recent years, in order to build a public welfare government, more and more government information has been made public, so the compilation work can also be made public in the form of e-government to a certain extent. Organization staffing management is highly professional, and important links must be examined and approved, thus making the whole system need overall planning and management, clarifying various procedures and doing a good job of data backup [1]. It is very important for institutions to compile data. Under the premise of ensuring information security, the realization of the system should establish a data information center with institutions, staff and personnel to manage data scientifically, avoid repeated data collection, build databases in a decentralized way, realize data sharing and avoid data redundancy.

The establishment management system of Hebei province aims to realize the information management of establishment, reasonably store relevant information, ensure the originality, integrity and integration of data, and realize the sharing and intercommunication of establishment data and personnel information between establishment, personnel and organizations and various departments in the city. Multi-tier mode restricts the possibility of direct access to the database by the application system, and all operations on the database are limited to the code provided by the middle tier. According to the requirements of managing both the total amount and the structure, the establishment management system of Hebei Province reasonably determines the establishment proportion of management posts, professional and technical posts and workers' skills posts, optimizes the personnel structure, improves the utilization efficiency of the establishment resources, and promotes the fine management of the establishment.

At present, universities are charged with the task of imparting and cultivating the spirit of artisans. Based on the macro level, cultivating craftsman spirit not only refers to social craftsman spirit, but also includes professional dedication culture and professional ethics. As a front-line worker in education, we must correctly understand and accurately grasp the essence of craftsman spirit, instill the important value of craftsman spirit, and make students accept the cultivation of craftsman professionalism independently; Based on the guidance and influence of ideological education, college students can integrate the craftsman spirit into their professional ideals, clearly understand the social value of craftsmen, and further strengthen their professional consciousness. Based on this, it is helpful for universities to realize accurate ideological education and carry out various teaching activities clearly. The main members of the research group in charge of technology are outstanding students majoring in software engineering in our school of information technology. With the support of modern information technology achievements, the digitalization of the organization staffing management system can further improve the organization staffing management mode, standardize management means, facilitate the organization staffing management departments at all levels to efficiently inquire, modify information, statistically analyze the staffing situation, improve the organization staffing management level and work efficiency, and reflect the idea of keeping pace with the times.

This department adopts J2EE platform, and the overall framework of Hebei organization establishment management system adopts centralized database mode [2-3]. The centralized database model can reduce data redundancy, and the database is maintained by the relevant staff of the provincial editorial office, which reduces the maintenance cost and energy of other departments

and can also meet the use of all relevant units in the province. The overall architecture is shown in Figure 1.

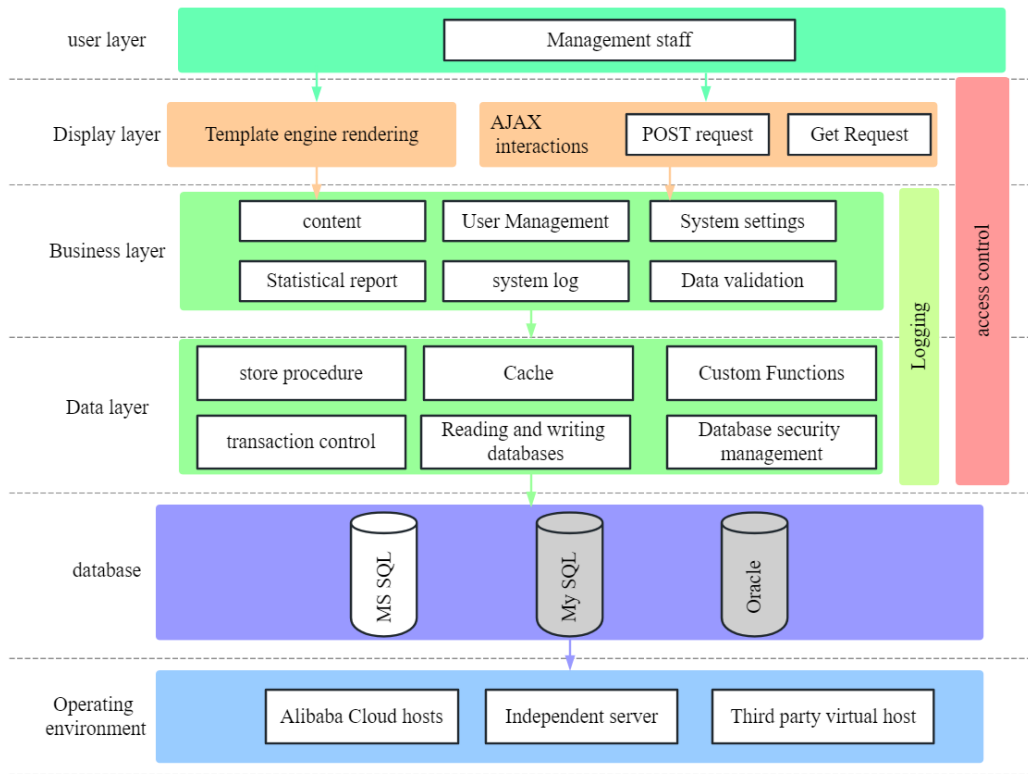


Fig.1 Overall Architecture of the System

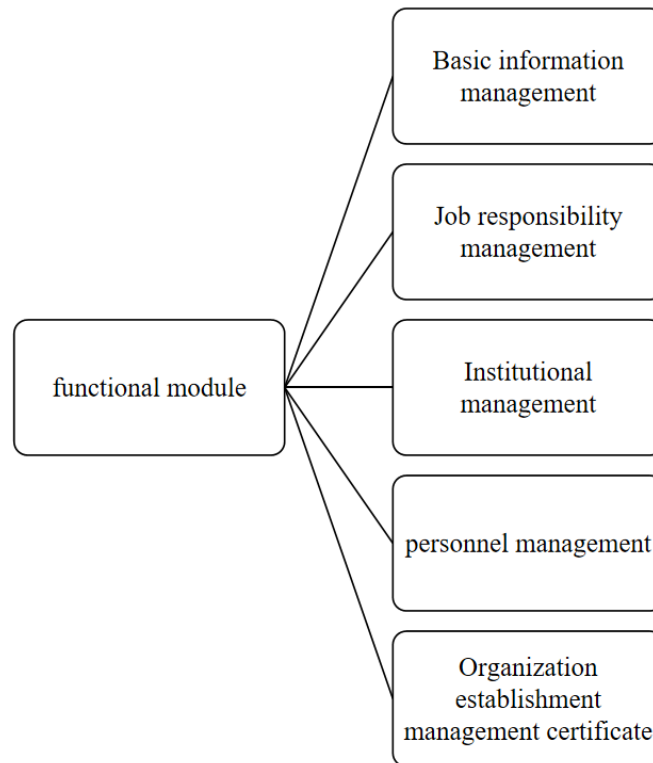


Fig.2 Functional Modules of the System

Through the system requirements of the business and the investigation of the system, the system requirements are analyzed, so that the whole system can be divided into basic information management, job responsibility management, organization management, personnel management and other functional modules. The following is a description of the functional structure of the

organization establishment management system in Hebei Province. The related business functions of the overall information system and the relationship between functional modules are shown in Figure 2.

Organization establishment management is the core of the whole system, which has completed most of the work of organization establishment. From the functional point of view, the information management system of Hebei province's organization establishment business mainly includes basic information maintenance, job responsibility maintenance, organization management, on-the-job personnel management and organization establishment management certificate.

3. Detailed Design

3.1 Personnel Information Management

The system receives the primary key value of on-the-job personnel from the interface, searches for personnel information from the personnel information table according to this value, and packages the search results and returns them to the interface [4]. Users can view the details of the employee from the on-the-job employee interface after adding the employee information to the database through data import or personnel real-name registration system editing. Users can double-click a piece of information to enter and view the details of on-the-job personnel.

On-the-job information is divided into basic information, establishment information, job title, part-time information, salary information, budget information, resume information, academic degree, address and communication information, family members and social relations, and remarks. Users can double-click a message to enter and view the detailed information of non-staff workers. The information of supernumerary employees is divided into basic information, establishment information, job title, part-time information, salary information, budget information, resume information, academic degree, address and communication information, family members and social relations, and remarks.

3.2 Organization Establishment Management

Organization establishment management is an important basis for mastering the changes of organization, establishment and personnel of each unit. Each unit must show this certificate when handling matters related to organization establishment. Newly established organs and institutions hold the approval documents of the establishment of the unit, and go to the Municipal Editorial Board Office to receive the organization management; If it is lost, it should be immediately reissued to the Municipal Editorial Board Office; Organization staffing management shall be uniformly issued by the Municipal Editorial Board Office, and shall take effect only after being checked and sealed by the Municipal Editorial Board Office, and shall not be altered without authorization. Each unit shall designate a special person to take care of it [5-6].

The class diagram of organization establishment management module mainly includes organization establishment management control CertificateAction class, organization establishment management BasicInfoService plus business logic class, organization establishment management subordinate organization business logic class SuborganService class, organization establishment management entity class Certificate class. The organization headcount management entity class Certificate class is the form data that encapsulates the organization headcount management table information and maps it with the database. One of the most important functions in organization establishment management is the establishment management of printing organization. This function is used to meet the certification and management needs of institutions and other institutions for their own establishment.

3.3 Authority Management

The RBAC model adopted by users in the authorization process uses roles to separate users from permissions, and realizes users' business operations by associating users with roles and roles with permissions, which is convenient for the system to manage permissions separately. In the system,

permissions are regarded as a service that can be deployed and run independently. If you want to modify the user's menu permission, you do not modify the permission directly, but modify the role's menu permission. When authorizing users, we should not only protect data security, but also provide an open and independent access mechanism, so we add Spring Security permission framework and OAuth2 protocol on this basis. Through different user rights, the designated authority can access the designated content, and the effect of displaying different content by users with different rights can be achieved [7].

3.4 Information Maintenance

Personnel information maintenance mainly includes the collection and information maintenance of personnel basic information, personnel file information and personnel file data [8]. In practical work, people are often statistically analyzed according to gender, age, working hours, staffing categories, etc. Whether the basic information of people is correct or not will directly affect the results of organizational staffing analysis, thus having a significant impact on leadership decision-making.

When data is modified or new employees are added, the data is maintained by manual operation. After the modified (new) data passes the data verification, it will be submitted to the editorial office for approval. If it passes the approval, it will be stored in the personnel data. If it fails, it will be typed back and reported after modification. When reducing personnel, it will be directly submitted to the editorial office for review, and personnel will be deleted when the editorial office passes the review, and the reduction operation will be cancelled if the review fails. The modification of subordinate data should also be submitted to the editorial office for approval after data verification.

3.5 Safety Design

Information collection is inseparable from big data technology, that is, the technology of efficiently extracting valuable information from data of various data types. The main functions in the information base are data collection, data processing and data application. The database is designed to index the personnel by their names, departments, personal specialties, skill certificates, scientific research achievements, etc., classify the material database information, and store and display it in the tree structure of database, category and target.

It is also necessary to ensure the security of the database. This system mainly improves the security of the database through data encryption, identity authentication and access control. Data encryption includes information transmission encryption and storage encryption. At present, most developers use HASH, MD5 and other algorithms to encrypt users' private information, but the security is not high, and it is easy to be decoded and cracked. Considering the security, this system mainly adopts PBKDF2 algorithm, which is roughly equivalent to adding random salt to the HASH algorithm and performing multiple HASH operations. Random salt greatly increases the difficulty of building rainbow tables, and multiple hashes also greatly increase the difficulty of building and cracking tables [9-10].

Access control adopts mandatory access control, which communicates according to its own access control policy under the condition of channel marking authorization, and is considered to meet the highest level of network security standards. Authentication technology uses a combination of password authentication and token authentication. Password-based authentication is also called knowledge-based authentication, and password-based authentication depends on user name and password or PIN. Token-based authentication, people can use physical devices (such as mobile phones, security keys or smart cards) to log in accounts, which can improve security by reducing the number of password inputs.

4. Conclusions

As far as universities are concerned, it has always been based on cultivating talents and taking moral education as the fundamental core. On the one hand, college students should master enough professional knowledge and skills; On the one hand, it is necessary to establish correct values, lofty

and upright qualities, and highly standardized and self-disciplined behaviors. The educational goal of universities must be based on social needs, so as to realize the equality between talent supply and social needs, optimize majors and courses, and ensure the steady progress of educational reform. As the staff of ideological education for students, in order to cultivate students' concern about current affairs and the construction and development of China's socialist cause, and make students apply what they have learned through schools and classrooms, this paper puts forward that ideological education in universities should guide students to apply what they have learned to the research of digital construction in Hebei Province. This department has improved the management mode and standardized management means of the organization, which is convenient for the organization management departments at all levels to efficiently inquire, modify information and make statistical analysis of the organization situation, improve the organization management level and work efficiency, embody the idea of keeping pace with the times, and fundamentally make the organization management work embark on the road of informationization, data, standardization, speediness and integration. It is believed that in the next few years, the organization establishment management will take information construction as an important starting point, thus improving the standardization of establishment management, improving the efficiency of establishment work and providing a good guarantee for the relevant work of the government.

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