

The Architecture Research on Management Information System for College Students' Ideological and Political Guidance

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Abstract. With the modern information technology in various fields of social penetration, its impact on university students' ideological and political education is becoming bigger and bigger. The concept of university students' ideological and political education informatization is accompanied by the development of modern information technology and the deep influence of ideological and political education of college students and puts forward, and with the deepening of the study of the problem of ideological and political education network and developed gradually. Therefore, colleges and universities need to as soon as possible with the market integration of modern information technology, to improve their science and technology content, really keep pace with The Times. The guidance of thoughts and politics for college students of information research has become an important subject of our research.

Introduction

Social informatization is the university students' ideological and political education environment, the background. On the one hand, it gives the ideological and political education has brought rare opportunities of development, for example, in the information society of rich and colorful information for us to carry out the ideological and political education work provides ample available education resources; The spread of modern information technology has fast, open, interactive features such as to expand the space of ideological and political education, broaden the channels of access to information and methods of improvement are created very favorable conditions. Its negative effect, on the other hand, has been exposed, for example, due to information overload causes the ideological confusion, even the information anxiety, everything into the rapid development of information technology and information transmission, the ideological and political education mechanism, the methods put forward the new requirements, embodies these negative effects to education function weakened, effectiveness is not strong.

With the university student thought political education did not follow the pace of times, education idea, content, means, methods and mechanism and so on with the inner demand of college students and the development of the information age requires that the does not adapt, low degree of main channel of university students' ideological and political education informatization has a direct relationship. This is for a new challenge to the guidance of thoughts and politics for college students. In this paper, the design of a B/S mode "in guiding the management information system of thoughts and politics for college students" overall framework, the platform has functions such as online learning, online examination, communication, the platform provides a new carrier for ideological and political work.

The system structure of B/S

B/S (browser/server) mode is a kind of three layer or multilayer distributed architecture. Including the Web server, database server, application server, such as its structure as shown in figure 1. In this mode, through the browser by the Web server and database server query requests the request of the client to the Web server, Web server browser on a hypertext document form data query. B/S mode application system is a kind of thin client, using a single client browser software, hardware

configuration requirements is not high; Facilitate the management and system maintenance, software development, upgrade and maintenance on the server side only, lower development and maintenance work; System does not need to develop a client Web browser software, the software can be downloaded from the Internet free, free upgrade; System protection enterprise investment, B/S mode using the standard TCP/IP, HTTP protocol, and can be combined with the enterprise existing network. At the same time has good expansibility, can be directly connected to the Internet. So the B/S mode is easy to use, easy maintenance, high degree of information sharing, is gradually replacing the C/S model [3-4].

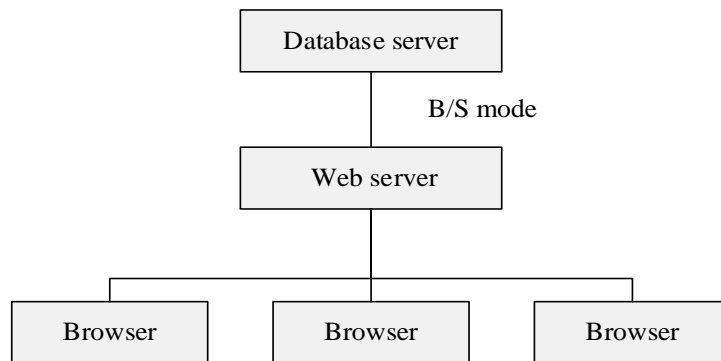


Figure 1. System structure of B/S

B/ S has the advantage of simplifying the client. Don't need to be like C / S mode to install a different client applications on different clients on. System developers do not need to for the design and development of user applications on different level, different customers, just put all functions in the Web server, and different functions for each user group permissions set. Processing program scope for individual users via HTTP request within the authority to call different on the Web server, to complete the data query or modify.

The Function analysis of the management information system of university students' ideological guidance

With the appearance of virtual reality, the insufficient socialization of college students, obstacle of interpersonal communication and psychological atresia, depression, anxiety and other social psychological problems; Especially the western hostile forces because of its economic, scientific and technological advantages, with modern information technology as a new form and carrier, for political, religious, the penetration of thought and way of life, affecting people, especially the contemporary college students healthy growth and comprehensive development, leading to college students' value orientation diversified, way of life complicated. With the university student thought political education did not follow the pace of times, education idea, content, means, methods and mechanism and so on with the inner demand of college students and the development of the information age requires that the does not adapt, low degree of main channel of university students' ideological and political education informatization has a direct relationship. This is for a new challenge to the guidance of thoughts and politics for college students.

Because the education process general content and method of Ideological and political education work of the diversity and complexity of the relevant personnel according to the working system and the system's overall function, the system is divided into the ideological and political teaching subsystem, structure subsystem function of ideology and political propaganda, ideology and political consultation and communication subsystem and monitoring subsystem of the ideology and political system, as shown in figure 2.

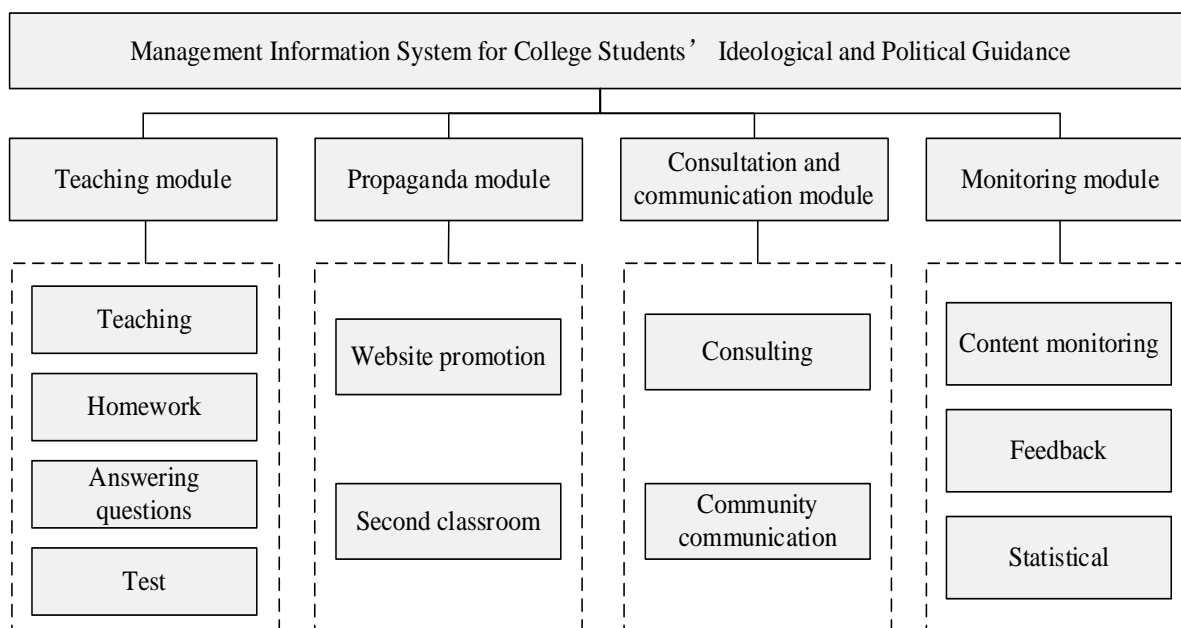


Figure 2. The system function module

Ideological and political teaching subsystem. By building a network teaching system for online teaching, including teaching, group learning, work management, answer questions, and examinations.

Ideological and political propaganda subsystem. Publicity through the website and the second classroom activities guide uncertain information, propaganda positive messages that can penetrate the ideological and political education to students.

Ideological and political consultation and communication subsystem. Many college students are unwilling to publicly about confidentiality of discussion topics, such as emotional distress, interpersonal barriers, education and schizophrenia, students can on the platform of anonymous political full-time teachers or other consultant teacher. In addition, students can also take part in different kinds of online community, discuss topics of common interest to communicate with them.

Supervisory control of ideological and political subsystem. Promote the positive message vigorously, but it also through a variety of measures to maximize the impact of negative information on students blocked, try not to make direct contact with bad moral message.

Architecture design of the system based on B/S

In the construction of information platform of Ideological and political education purpose is to change the traditional education mode, the realization of student and teacher based two-way communication as the main form of one-way communication, the role of teachers from the previous leadership, leadership, interactive teaching, cultivating students' autonomous learning, cooperative learning and inquiry based learning capacity, and ensure that the ideological and political to achieve the goal of propaganda, negotiation, communication and monitoring function. In the development of a comprehensive campus network and Internet access, and put forward the overall framework of the interactive B/S structure, including the user interface layer, application layer and a three layer of intermediate data management database and server structure, the structural organization of information resources construction of users as the core, as shown in figure 3.

The system mainly uses Microsoft Visual Studio 6 as a development tool, using SQL Server2000 database storage system using B / S software development and application. The system design mainly includes the content of Ideological and political education, ideological and political propaganda, ideology and political consultation and communication, ideological and political supervision four core function module and system management module. Because of the time and space, taking into account the should keep up with the construction of the campus network and

other reasons, the realization and the test system of some function modules, has not realized the need to use the process in the next step of further rich and perfect part.

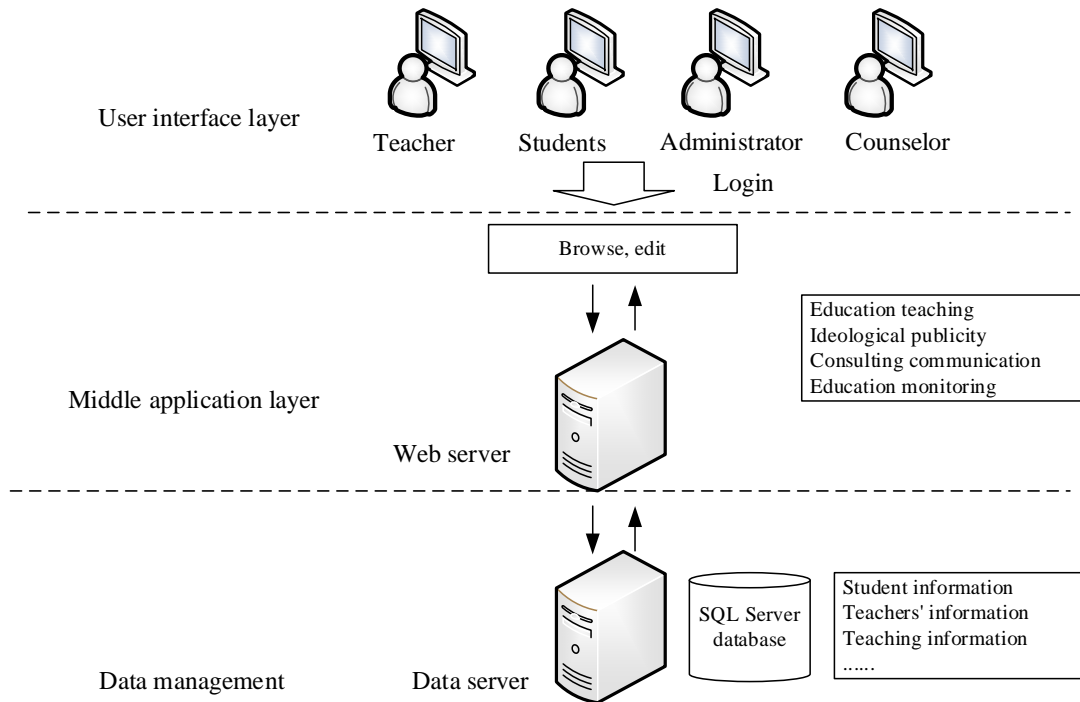


Figure 3. The architecture of the system based on B/S

Conclusion

The ideological and political education informatization is a dynamic process of change. In the whole process of ideological and political education informatization construction, with the continuous development of modern education theory and rich, his education thought, education idea, education methods, education mode and the mechanisms of education will make a huge change, greatly improve the quality and effect of ideological and political education. Ideological and political education, of course, in the modern information technology and integrated process, also exposed many malpractices. But we must firmly believe that with the penetration, the new idea of ideological and political education with the constant improvement of technology, as the ideological and political education to integrate information technology and more harmonious, the ideological and political education informatization will become more mature. In this paper, the design of a B/S mode "in guiding the management information system of thoughts and politics for college students" overall framework, the platform has functions such as online learning, online examination, communication, the platform provides a new carrier for ideological and political work.

References

- [1] G.R. Cai: Applied Mechanics and Materials. 2014, 687: 2529-2532.
- [2] W.L. Currie, D.J. Finnegan: Journal of enterprise information management, 2011, 24(2): 146-170.
- [3] A. Pithouse, K. Broadhurst, and C. Hall: Journal of Social Work, 2012, 12(2): 158-178.
- [4] R.R. Cao: Journal of Information Engineering University, 2013, 14(2): 247-252.
- [5] G. Hongjun, M. Guangshui, Y. Suhua: Advances in Information Sciences and Service Sciences, 2011, 3(3): 11-18.