

The Development of College Psychological Counseling Platform Based on Visual Basic in Cloud Environment

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Abstract: This process is developed into an automatic program by using Visual Basic language software, and the solution of building a network-based psychological counseling information platform for colleges and universities is introduced, and the Guan Qian technology involving Xiamen is introduced. It provides a scientific, advanced and efficient modern management platform for Gaoling's psychological counseling and management work, and realizes effective counseling and prevention of college students' psychological crisis. This paper analyzes the current development status of ideological and political education in colleges and universities and the problems that need to be solved urgently, and analyzes the hidden depth behind the application dilemma of the current psychological counseling method from the four aspects of education subject, object, mediator and ring body. Hierarchical reasons.

Keywords: College Psychological Counseling, Visual Basic, Cloud Environment

1. INTRODUCTION

As the cradle of cultivating talents across the century, colleges and universities must not only improve students' cultural quality, ideological quality, and professional quality, but also cultivate students' good psychological quality [1], because healthy psychology is an important prerequisite for college students to receive ideological and political education and scientific and cultural knowledge. Rated load is divided into rated dynamic load and rated static load [2]. The rated dynamic load refers to the constant load (divided into radial and axial) that a set of rolling bearings can theoretically bear. Under the action of this load, the rated life of the bearing is one million revolutions [3]. It includes symmetrical passwords and asymmetrical The cipher, which may be a block cipher, or a sequence cipher, may be used. The underlying technology of file encryption is data encryption [4].

The Glove security door adopts a symmetric password. The report of the 17th National Congress of the Communist Party of China pointed out: "To strengthen and improve ideological and political work, we must pay attention to humanistic care and psychological counseling, and deal with interpersonal relationships in a correct way." The important method is the concrete embodiment of the idea of people-oriented ideological and political work [5]. Secondly, ideological and political education has a multidisciplinary background, and the means and methods used are more diverse, and it can integrate a variety of means, exert a synergistic effect, and achieve psychological counseling [6]. Finally, medicine and psychology are more correct to study diseases. A large number of studies on college students' psychological problems and mental health education have found that the common psychological problems of college students are concentrated in employment, study, interpersonal relationships, emotions, love, etc. aspects of life that are closely connected [7].

Taking disease as one's own research object, it is often easy to ignore people's emotions, and curing the disease is also achieving psychological counseling. College students are at an important turning point in their lives, and mental health problems are particularly prominent [8]. Mental health problems have an extraordinary impact on school stability and

the construction of a harmonious society [9]. Therefore, it is a top priority for every college teacher and management staff to effectively guide the problems that cause college students' mental health. It is helpful to enrich the methods of ideological and political education [10].

The psychological counseling model of ideological and political education has opened up a new research perspective on the basis of the original theory and practice [11]. Through the psychological counseling of ideological and political education, the educated can fully express their emotions and thoughts in the process of emotional communication and cognitive exploration, and eliminate the obstacles between the educator and the educated as much as possible [12]. College students are in an important life During the transition period, mental health problems are particularly prominent, and mental health problems have an extraordinary impact on school stability and the construction of a harmonious society" [13].

The file system is an important part of the operating system. The Glove security door encrypts the input and output operations of files or the organization and storage of files. Encrypt dynamic files by familiarizing themselves with the details of the file system [14]. The relationship between the operation and control file system and other parts of the operating system. The rated static load refers to the total permanent deformation of the rolling element and the raceway that acts on the bearing when the relative rotational speed of the bearing ring is zero, which is about the diameter of the rolling element [15]. The load of one ten thousandth of the stress. Paying attention to people's mental health and spiritual pursuit is an important symbol of social progress and the inherent requirement of human development, and it is also an important content of ideological and political work in colleges and universities in the new era [16].

Ideological and political education in colleges and universities is to guide college students to establish a correct world outlook, outlook on life and values under the guidance of Marxism-Leninism theory [17], and to teach them with the thought of the core value system of socialism with Chinese characteristics, improve their ideological awareness, and enhance their understanding of the world and the world. The

ability to change the world. In his reply letter to Peking University students, General Secretary Xi Jinping said: The Chinese dream is the dream of the country, the nation, and the dream of every Chinese, including the young people. The key to realizing the Chinese dream lies in education [18], and the fundamental purpose of education is to in order to cultivate a firm political stand, the author combines database technology and network technology to develop a network-based psychological counseling information platform for colleges and universities, aiming to use network information technology to effectively manage college students' psychological quality and ideological dynamic information.

2. THE PROPOSED METHODOLOGY

2.1 The Model of Visual Basic

VisualBasic is a software development tool based on the BASIC language launched by Microsoft Corporation of the United States. It is an object-based visual programming language. Encryption of data files: Glove security gate adopts different encryption methods for different file types, and has different encryption methods for text, compression, etc. The file with the suffix name is encrypted by the path, and the encrypted file still exists, but the system cannot find the path and cannot open it. First of all, the calculation process of rated dynamic load and rated static load of different types of rolling bearings is distinguished.

Use VisualBasic multi-form function, edit all levels of parent and child menus through the menu editor, and use command buttons to enter, convert, and exit between each form. Features Software and key separation technology: Glove security door has no key, and the key to unlock is determined. The unique line algorithm, which is stored in the non-computer Disk, realizes the separation of the key algorithm from the computer and software, improves security, and resists cracking. Human is the unity of body, mind and spirit, and physical condition, mental condition and spiritual outlook are trinity, influence each other and interact with each other. The client display layer provides the client with a graphical interface for application services. The business logic layer is located between the display layer and the data layer, encapsulates the application model associated with the system, and separates the user presentation layer from the database code. When calculating the rated load, you need to find the load coefficients f_c and f_o . You can use the array tool to convert all f_c , f_o values are stored for flexible calls in the calculation process.) Encryption of data files: Glove security door adopts different encryption methods for different file types, and implements path encryption for files with suffix names such as text and compression. The encrypted files still exist, but the system cannot find the path, so it cannot be opened. The variables required by the VisualBasic program include input variables, calculation variables, and output variables. Input variables are known parameters entered manually in each sub-form of the program, generally bearing parameters related to the calculation of rated load.

2.2 The Development of Psychological Counseling Platform in Colleges and Universities

By caring about and paying attention to the physical health of teachers and students, guide teachers and students to cherish their own bodies, accept their bodies, and awaken their deep love and identity for themselves; through mental health knowledge training, help teachers and students to improve their psychological quality and cultivate excellent Personality,

values and outlook on life should be used as theoretical guidance to promote patriotism, dedication, integrity, friendliness, and strengthen the ideals and beliefs of socialism with Chinese characteristics. Only by establishing a correct world outlook, outlook on life and values can we have a healthy mind, and only on this basis can a true Marxist-Leninist world outlook be established.

Differences in one's own cognition and adjustment ability can easily lead to such and other psychological problems in study and life. If they cannot be eased in time, it will easily lead to a series of problems. Therefore, timely investigation and discovery of college students. Information platform for psychological counseling in colleges and universities, to Psychological knowledge education and counseling are combined to design the function of psychological counseling platform, and its functional structure is shown in Figure 2. The research on humanistic care and psychological counseling for college students is relatively systematic, but due to the differences in concepts, there are few studies on the combination of ideological and political education and psychological counseling. But in general, the research on psychological counseling of various foreign schools has important reference significance for this article. Users with different permissions must be authenticated before they can enter their respective operating procedures, and the most commonly used method of identity authentication is to use Different user names and user passwords.

These user information are stored in a database. By formulating a sound psychological counseling work system and a standardized management system, it provides students with professional and scientific psychological services, making the psychological counseling center the main place for teachers and students to provide psychological counseling. Give full play to the role of psychological counseling institutions in psychological counseling. Colleges and universities should pay attention to the respect needs of college students in the ideological and political education work, and should do multi-level guidance work according to the psychological characteristics of college students to meet their respect needs. First of all, in the way of education, the rational use of incentive methods.

2.3 The Development of Visual Basic in College Psychological Counseling Platform

Calculation variables include variables temporarily called in the calculation process, and are generally automatically assigned initial values by the system; output variables are the final calculation results, which can be output using controls such as text boxes. In the process of building the program, the respective data types should be defined according to the required precision of each variable. The Glove security door can encrypt the folder, and the encrypted folder cannot be opened or deleted, which effectively improves the security. Types of files are encrypted in a folder for convenience. It is not only necessary but feasible to give full play to the role of full-time student work cadres in the psychological counseling of college students. At present, the personnel of psychological counseling institutions in colleges and universities in my country mainly include full-time and part-time teachers who graduated from psychology and psychological counseling, medical staff, and moral education teachers and counselors specializing in ideological and political education of college students.

With the gradual increase of media methods, ideological and political educators in colleges and universities should make

full use of this resource advantage, establish an information-based counseling platform, and provide convenient and effective psychological counseling services. First of all, ideological and political educators in colleges and universities have established a website dedicated to the mental health of college students on the campus network, and popularized the knowledge of mental health among college students through the Internet. Psychological counseling has begun to take shape. A psychological counseling network has been established at both levels, but most of the work still follows the traditional filling mode. Psychological counseling in ideological and political education should have empathy. Empathy is a core concept in counseling psychology, a complex phenomenon used to describe the attitudes and behaviors of effective counseling professionals. Its basic meaning is to stand in the perspective of the visitor and look at the problem from the heart to the heart.

NET is an application platform based on web applications released by Microsoft, which provides a standard object-oriented development environment, which can not only interact with objects locally, but also through webservice and .NET Remoting technology interacts with objects remotely. When calculating the rated load, you need to find the load coefficients f_c and f_o . You can use the array tool to store all the f_c and f_o values, so that you can call them flexibly during the calculation process. Psychological counseling is to use the principles and techniques of psychology to guide and help college students with problems in study, adaptation, communication, love, career selection, self-development, etc., so as to improve their psychological quality. Detail files of medical records of mentally unhealthy students Log in from the counselor's page by the psychological counselor of his unit and submit it to the medical record database, including a detailed description of the student's psychological condition and behavior.

3. CONCLUSIONS

Under Windows system, it is not necessary to install Visual Basic language software, this file can complete the programmed calculation of rated load of various rolling bearings. And the key technology of platform construction is introduced, and the system is realized by .NET technology and database technology. The system designed in this paper has been successfully debugged and works well. The establishment of the system provides a scientific AD0. NET technology can quickly and easily realize data access, and other component-oriented programming features ensure the complete realization of the system. The database adopts SQL server 2000 database management system”.

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