Analysis on the Management Methods of College Safety Education in the Age of Big Data

Lv Lina

The Security department of Nanjing University of Finance and Economics, Nanjing, Jiangsu, 210000, China

Abstract: The first step in building a safe university is to establish a secure education management environment. There are certain problems in traditional college safety education. It is difficult for students to self-aware and thoroughly improve their sense of security. The great data age provides new educational opportunities for security university educators, and it is important to rely on big data thinking to conduct university security education. Based on the importance of safety college education, this paper analyzes the challenges faced by colleges and universities in the era of data security education management, and puts forward the strategy of college education management innovation. Great data.

1. Introduction

Colleges and universities bear the important task of cultivating students' morality, intelligence, physical strength, aesthetics and work development. Safety education is the foundation and main priority. However, at present, some colleges and universities are only at the level of propaganda and safety management. They have no education services to pay insufficient attention to safety education. They mainly focus on the "flat" simple education method, the content is not attractive, and lacks systematic security. Education, lack of professional ability[1]. Traditional security education does not adapt to the trend of the times, and big data is the trend of the times. The third five-year plan for education informatization clearly pointed out: "Internet + Action Plan", major data development action plans and other related policies have been further developed, and education informationization has brought about significant historical development opportunities; "integration with education." [2] In the era of rapid Internet development, college security education must be comparable to the time difference and respond to the call of education to fully play its role. Take advantage of the thinking power of big data and big data. Promoting the integration of security colleges and online education is conducive to the development of innovation and security education.

2. The Importance of Safety Education in Colleges and Universities

College students are a special group. They come from a fierce high school life. In high school life, they don't have time to take care of things other than learning. When they entered college, it was a period of relaxation for them in high school. Their personality tends to be qualitative, their intellectual development is relatively mature, they like to touch new things, and their social experience is insufficient. Their sense of self-defense is very low. Most people do not have the ability to defend themselves and are not wary of their own safety issues.

At present, most personal theft cases on university campuses are caused by their lack of awareness of safety precautions. For example, property is lost. Most students are afraid of their own prevention, throwing computers or valuables aside and eating. The property was lost. Part of the reason for self-harm or injury to others on a college campus is the impulse to impulsive, in part because of mental illness. Therefore, the development of college students' safety education is not only a necessary stage for the growth of college students, but also a necessary measure to promote the mental health development of college students.

3. Challenges Facing the Safety Education Management of College Students in the Era of Big Data

With the development of economy and society, the expansion of schools and the expansion of schools, as well as the characteristics of independent college students' time and free activities, the factors that endanger student safety are also constantly developing, and functional departments are also developing[3]. Schools and government departments are putting student safety on campus and in the surrounding area. Limited resources threaten personal property and student life. Alcohol abuse, property theft, traffic accidents, fraud cases, criminal cases, mental illness, electronic drug addiction, etc., occur occasionally, seriously affecting the school's teaching order and the physical and mental safety of students.

3.1. Student safety education management tasks are heavy and difficult

At present, Chinese university students generally recognize the secondary organizational structure of schools and hospitals. The department is working under the guidance of the school. Counselors work under the guidance of superiors to directly manage students and solve student problems[4]. It is in the management chain. Key links, work quality and efficiency will affect the effectiveness of student safety education management. According to the report of the Student Council of the Ministry of Education 1:200, counselors are responsible for managing the teaching, living, and safety education of many students. It is difficult to pay attention to the situation of each student in daily practical work. Provide timely guidance and assistance to students with lifestyle and learning conditions and potential safety risks. Student safety education management is a social project that requires the joint construction of school, family and social functions. On the one hand, a harmonious family environment has a positive impact on the healthy development of children's physical and mental health. Parental child safety education is conducive to improving children's ability to adapt to society. On the other hand, the harsh security environment around the campus directly threatens the people and wealth of students. Safety. The school's safety education management system is imperfect, supervising students' psychological counseling, health services and safety education management are not in place, and students' safety risks are also great[5]. In addition, many universities have established several new campuses. Most new campuses are far from the city centre or school headquarters. Due to the long student space and activities, students often travel between the city centre, the school headquarters and the new campus. Student activities are more complicated during the holidays. Students stay in school, students leave school, and students work outside the home. Complex situations increase the difficulty of the management committee's safety education.

3.2. Factors that endanger student safety continue to evolve

With the development of society and the changes in the environment of colleges and universities, the factors that endanger student safety are constantly changing. The main performances are as follows: First, the quality of the student safety management team is not high and the strength is poor. Counselors are the backbone of student safety education management. However, in recent years, with the expansion of colleges and universities, the quality of parliamentarians is not balanced. The proportion of student counselors is much lower than the Ministry of Education's 1:200 guide. Moreover, age and wages are very low [6], which seriously affects the quality of student safety education management. In addition, the school staff were not formally formed, the personnel composition was complicated, the academic requirements were not guaranteed, and the treatment effect was poor [7]. The strength of the team is poor, and the security of the campus and surrounding areas is difficult to defend effectively. Second, the surrounding environment of the campus is very complicated. Many of the new campus headquarters are far from the school or the city center. Even in the sparsely populated mountains, the students in the school security management school are not in place, the facilities cannot be guaranteed, and the school has no real jurisdiction. Campus Environment. The safety risks of students can easily lead to criminals. Profitable businessmen are always the first to reach the campus and open up entertainment spaces, such as Internet cafes, movie bars, bars, bars, rentals, etc. Students can easily test through them. Once they are infected with bad

habits, they threaten the mind and body of the students. Safety can affect the healthy growth of students. Third, the security of personal information is difficult to guarantee. Fraudulently a bunch of professional cooperation and escalating fraud, it is difficult to guarantee the security of personal information, providing an opportunity for "accuracy" fraud. In recent years, behind the network and online fraud, many students suffer, and crime is characterized by correct form, evolution of professional cooperation and deception. Fourth, students have poor security awareness and lack of ability to resist obstacles and self-control. Some students turned a deaf ear to the announcement of school safety education. In addition, child safety education in many families is only at the level of "question", leading to a sense of security for students, a deterioration in security incidents, and an improvement in handling incidents and setbacks. Some students have weak self-control and are prone to cause confusion or emotional electronic networks, such as games and bad websites, and the intoxication of students in the world affected by the physical and electronic spirit of "heroin" pollution. .

3.3. The campus security legal system is imperfect and the implementation supervision is not in place.

At present, there are many laws and regulations on campus safety management in national laws, such as the Education Law of the People's Republic of China, the Traffic Safety Law of the People's Republic of China, the Food Safety Law of the People's Republic of China, and the Criminal Law of the People's Republic of China. School campus safety management[8]. Therefore, there is no need to introduce a unified high-level campus senior law, including student natural disasters, accidents, public health events and daily security incidents to clarify the campus security of various departments and schools. management[9]. And family responsibilities and obligations to ensure the safety of teachers and students and normal education and teaching order. As the direct responsible department of student safety management, schools should actively coordinate with relevant government departments to improve the safety of the campus and surrounding environment, ensure the safety of the student system, and develop educational programs. Student safety. Standardize student safety education management processes and improve safety. Monitoring and evaluation mechanisms to ensure campus resource security and teacher and student safety.

3.4. Imperfect construction of campus big data system

Students accumulate "big data" in their daily lives and learning. Through the analysis and elaboration of the large-scale campus data system, it provides scientific and accurate safety education and safety warning services for students' safety education management, reducing the incidence of student safety accidents. At present, the construction of large university data systems is still in the exploration stage. Student data collection on campus is not complete. There is a need to further improve data collection for students and students outside of campus or for data collaboration with third parties. In the future, after the Ministry of Education has established a large university data system, universities can directly access a large number of student data outside the campus through the Ministry of Education's big data system and understand the university data "sample=whole" we need. Although the information management of college students has made great progress, data management and information silos are still confused [10], and no data center is formed. Therefore, the Ministry of Education and universities should pay attention to the planning and construction of big data systems and the cultivation of big data talents.

4. Innovation in the Management of College Safety Education in the Big Data Era

In the era of big data, the Internet has become the main way for college students to obtain information and conduct interpersonal interactions. In the new era of security and quality development, the traditional college security education model has long been unable to adapt to the needs of students. The network broke the reliance on traditional education in time and space. Thinking about big data has changed the way people think. Colleges and universities must be consistent with time development and provide good game thinking (value display), dynamic (value

range) and importance (value innovation) for all game functions [11]. Combine big data with safety education to promote safety education in colleges and universities.

4.1. Build a network of responsible people to enrich the security education

University safety education should be carried out comprehensively and responsibly at all levels. Based on the idea of big data, clarify and evaluate the security responsibilities of security departments, security department personnel, dormitory managers and parliamentarians, and establish a network system for security education leaders. Management and all content is always accessible through data correlation and accountability control. Education, the formation of vertical education, is horizontal on the edge of the security education management model.

4.2. Implement compulsory education safety education and try "safe" education "online" form

To maintain the effective and comprehensive development of safety education in colleges and universities, we must first strengthen the mandatory "safety education" curriculum. Second, in today's data age, universities can fully demonstrate the "online" form of security education. "Online" education means it is not subject to classroom restrictions. The use of Internet technology can not only be more flexible in time and space, but also categorize the security knowledge points that students click and pay attention to through the background of the system. Conduct accurate comparative analysis, comprehensive integration and review, and improve the adequacy of safety education in the course optimization process.
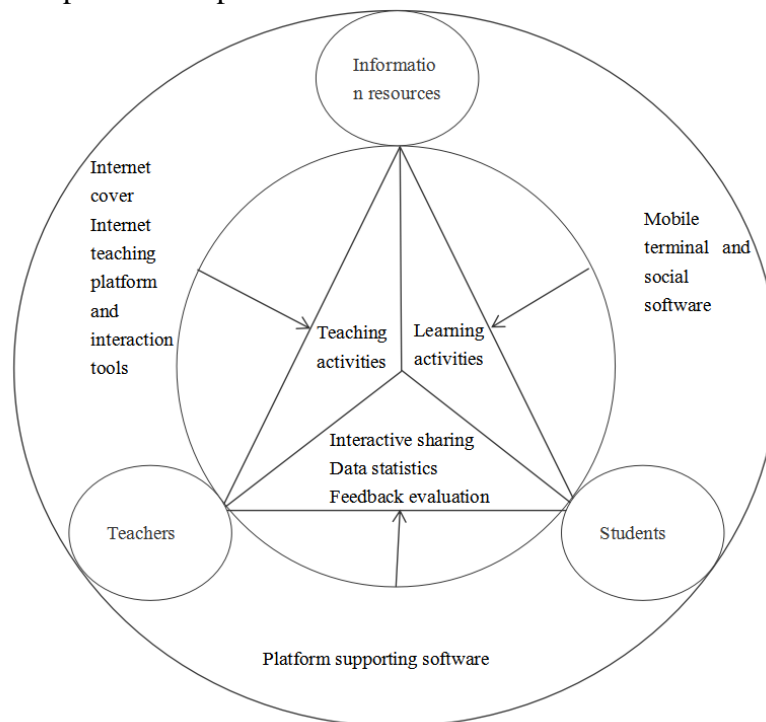

Fig.1. Online security education model

4.3. Give full play to the advantages of big data and build a comprehensive network education platform

In the era of big data, the attention of online college students has continued to increase. College security educators should fully understand the concerns of college students, expand the traditional security education model on the Internet platform, and open the official Weibo of schools and universities. Provides insights into safety education, campus safety warnings, etc[12]. by combining audiovisual forms such as text, images, videos, sounds, etc. Rearrange existing school Weibo and increase your audience. Record the subscription number or WeChat service number to spread security knowledge on the WeChat platform. Open comprehensive safety education courses including traffic safety, fire safety, mental safety and cyber security. Students can choose to study according to their

own situation. Create a window for students' online reviews and encourage students to come up with their ideas and suggestions. Maintain regular or irregular safety competitions and use specific compensation mechanisms to engage students. Security educators can collect student browsing, micro-curriculum learning, background data and data for specific analysis, and continually improve and improve the content and form of security education.

4.4. Focus on professional and practical learning content, and strengthen the effect of safety education

In the study of safety theory and education curriculum, we must pay more attention to professionalism, use big data to investigate and analyze the safety awareness of college students, and combine their needs to highlight the practicality of educational content, especially to add more cases. College students are immersed in this situation and have security knowledge. Colleges and universities should also open more practice and exercise courses, move the education classroom to the outside, add modern technology by traditional methods, restore the scene, and strengthen the direct analysis of memory.

4.5. Establishing "big pages" of big data to achieve feedback on safety education

The effectiveness of safety education is often not easy to say. After all, without security issues, it is difficult to directly observe students' ability to deal with security issues. In addition to assessing safety knowledge, attention should also be paid to assessing students' safety skills. Schools should create "leaf pages" to collect real-time updates from students with security issues. Based on Big Data, we will create a "flyer security" that records student education, participation in activities and comments, and even the ability to respond to security risks and other tools through expression, action, language. shape. In the big data platform, a comprehensive assessment of individual students not only contributes to curriculum reform, but also helps improve safety education methods.

5. Conclusion

In the era of big data in the Internet, big data will have a profound impact on the college's management model. Traditional college security education is more at the level of security management and security knowledge, and has less impact on college students' safety education. Therefore, university educators should continue to develop the era of big data, combined with cybersecurity education, train college students to actively learn safety knowledge, integrate big data, and improve their understanding of creating a harmonious and harmonious school atmosphere for self-defense.

Acknowledgement

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