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Innovation of the Development Model of Ideological Education Based on Mobile Device Information Sharing Algorithm in the Era of Big Data

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Abstract:Based on the mobile device information sharing algorithm, this paper proposes an ideological education model of real-time video sharing in the Ad Hoc network self-organized by mobile intelligent terminals. First, real-time video sharing and switching applications can be realized in the Ad Hoc network. APP with video sharing function. On the mobile APP, while students are receiving education, a large amount of knowledge and culture floods the campus, and various values and moral indicators collide with each other, which directly affects the future development of students. To make people realize that how to carry out ideological and political education and ideological purification of college students from the perspective of new media requires innovative development and efficient use of new media for communication.

Keywords: Development Model, Ideological Education, Mobile Device Information, Information Sharing Algorithm

1. INTRODUCTION

With the rapid development of today's society, people's material life has become more abundant, and people's needs have also increased, more diversified, and more diversified value choices [1]. In the education industry, there are certain differences in the personalities of students. For the teaching of ideological and political courses, many students report that it is relatively boring, and teachers' teaching is also in the teaching process of "I tell you, listen, and I tell you to do" [2]. In the era of lack of communication and interactive big data, the ideological and political education work in colleges and universities will inevitably encounter the influence of various multimedia platforms. Instead of avoiding it, integrate them. College students and teachers are the main cultural carriers, and their knowledge content and cultural level are very high [3].

Big data has a large number of complex information attributes and high-end cutting-edge technical characteristics. It is comprehensively changing the analysis and observation thinking of human beings [4], grasping the way of thinking and the path of change in the world, and shouldering the important task of ideological and political education for contemporary college students. In the process of traditional ideological and political education, because teachers' teaching concepts are outdated, the content of textbooks is boring, and students are tired of learning. Today, new media are very popular [5].

To strengthen the ideological and political education of ethnic harmony in colleges and universities, we must fully understand the core concept of General Secretary Xi Jinping on the innovative development of ideological and political education [6]. Maemo is an open development platform for handheld terminal applications and technological innovation. The platform is based on the GNU/Linux operating system and GNOME desktop technology [7]. Memo provides a convenient and practical development environment for developers. Studies have shown that the use of unlicensed frequency bands in wireless communications is relatively saturated, and the efficiency of licensed spectrum usage varies greatly with time, region and space, reaching 15% to 85% [8].

Cognitive Radio (CR) technology is considered as an effective method to improve spectrum utilization. Data are symbolic records that describe things [6]. As the raw material of information, data is a true description of the objectivity of events. This description is discrete and objective. For data, it can be understood as follows: First, data is matter [9]. Data refers to raw, unprocessed records. It is believed that the development and progress of society and the improvement of the level of science and technology have promoted the innovation of educational methods in the new era [10], which is embodied in macro-level socialization and micro-level scientificization, as well as theoretical integration and practical modernization.

On the other hand, there is no need to be too entangled in the debate on "ideological and political education paradigm", "ideological and political education research paradigm" or "ideological and political education discipline paradigm" [11]. The reason is: ideological and political education has a strong practicality, and in many cases, educational practice is an "experiment" for this activity. Deploying cellular networks in unlicensed bands requires addressing two key issues. First, due to differences in spectrum access mechanisms, cellular networks will have serious negative impacts on existing networks when accessing unlicensed frequency bands [12].

The interface design of this system is implemented in GTK+2.0 language with Hildon user interface style characteristics. GTK (GIMP Toolkit) is a set of X-window-based graphics toolkits across multiple platforms. Originally, the GT1 pin was used as another well-known open source project. In centrally controlled CR networks, many studies revolve around spectrum pooling for channel allocation [13].

PU users lease part of the idle channels to SUs that need spectrum. Negotiation is required between PU and SU, and SU needs to pay a certain fee to use these channels. Only by emancipating the mind can a country prosper and prosper [14]. The same is true of education. Only by emancipating the

mind can the development and progress of education be realized [15].

2. THE PROPOSED METHODOLOGY

2.1 The Mobile Device Information Sharing Algorithm

he greater the correlation, the less obvious the diversity characteristics, the less the contribution to the cooperative spectrum sensing performance, and the greater the sensing overhead. The existing network is the original network occupying the unlicensed frequency band, and its APs use the unlicensed frequency band to provide users with uplink and downlink. Cellular networks share the same spectrum as existing networks and are deployed independently. Voting Mechanism is designed to solve such problems in Ad-hoc networks. It is located at the application layer, and can distribute and real-time statistics of neighbor user states on each user terminal, extract those more common states and actions, and provide users with certain behavioral guidance and reference information.

In this paper, the centralized control CR network structure will be adopted, and the cognitive base station CR-BS will be set up in the network. At this point, the cellular network cannot establish a control link with it, and therefore cannot use all cooperative spectrum sharing schemes, including distributed cooperation. In dense scenarios, various networks coexist, and each network uses different technologies. When users are densely deployed, the interference between networks or users increases. In order to avoid interference between users, the transmission power in a dense network is small.

2.2 The Ideological Education and Big Data

In the context of the era of big data, relatively high regulations have been put forward for teachers' work.

The basic characteristics of work under the condition of big data have the characteristics of a large amount of information, lower effective information density, and faster data update, which is a great challenge to the previous college education work. Building an educational platform for ideological and political work is an inevitable requirement for the development of ideological and political education for modern high school students in the Internet age and the era of big data. The information communication method in the network society can fully liberate human nature. Under the premise of freedom and equality, through It provides a new perspective for people to understand the world and helps educators predict new situations based on relevant relationships. Prediction is the core function of big data technology, and the prediction function of big data can help educators in advance. Estimate the possible changes during education implementation. Individual characteristics gradually weaken.

It is difficult for traditional data processing technologies to clearly describe the individual characteristics of users in dense scenarios, and even approximate processing will cause large errors. This brings difficulties to spectrum sensing of CR user mobility in dense scenarios, and it is necessary to develop new spectrum sensing algorithms. At present, there are many kinds of mobile intelligent terminal platforms, and the mainstream operating systems are: Symbian, Android, Windows Mobile, iPhone, Palm OS, etc. If the video sharing application is only limited to the mobile intelligent termin

2.3 The Innovation of The Development Model of Ideological Education in the Era of Big Data

The ideological and political education in colleges and universities should strengthen the attention to students' ideology and morality, and build a student information data warehouse. Collect the basic information of students, build a large amount of data, and then analyze and dispose of the data accordingly. In education and teaching, "evaluation" is an important part of the improvement of teachers' teaching quality. Teachers can not only help students know themselves through evaluation, but also achieve a teaching situation of mutual promotion and common development. At present, big data has been successfully applied in the commercial field. For example, every time we search for a certain product on Taobao,

There will be product recommendations similar to the products you searched for immediately. The reason is that merchants use big data technology to collect people's browsing records and purchase records on web pages. When CR users move in dense scenarios, they cannot use traditional spectrum. The perceptual method excludes users outside the PPR range. The signals are highly correlated and change in real time as the user moves. In addition, N also changes randomly every TN time slots. In the case where the cooperation between the cellular network and the existing network is limited, the cellular network cannot know the n and N of the existing network in each frame. In addition, CSMA/CA is a random access protocol. In the context of the era of big data, it provides great possibilities for the teaching of ideological and political education in colleges and universities, and the education industry can realize the dativization of elements.

3. CONCLUSIONS

For the innovative development of the ideological and political education model in the era of big data, teachers must clearly know that it is not only a technology, but also a way of life, behavior and thinking. In the application system of sharing and switching, a video source switching algorithm based on location information is proposed, and the realization of the prototype of the specific stadium application scene system is given. As a result, great changes have taken place in the values, ways of thinking, and lifestyles of contemporary college students. The traditional ideological and political model of colleges and universities is becoming more and more difficult in cultivating the high-quality talents, even showing the phenomenon that the quality of talents is out of touch with reality

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