Construction of Education Mobile Platform Under the Background of Mobile Terminal Red Tourism Resource Sharing Storage and Mining

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Abstract:Drawing on the MOOC teaching model and combining the knowledge characteristics of red tourism education, a mobile terminal-oriented online red tourism teaching cloud platform is constructed. The platform integrates red tourism education resources and excellent red tourism works at home and abroad. It provides an important premise and a solid foundation for the development of "red tourism". The construction of old areas should take advantage of good external conditions, seize the opportunity of "red tourism" development, and rationally develop multimedia teaching resources on the Internet. The response to CD-ROM multimedia teaching resources is slow, and the number of users supported by concurrent access to multiple users is greatly limited. SAN (Storage Area Network) can solve the transmission bandwidth bottleneck when data is stored on the network, and the optical disc mirror server can improve the access speed and capacity of the optical disc in the network.

Keywords: Education Mobile Platform, Mobile Terminal, Red Tourism Resource, Sharing Storage and Mining

1. INTRODUCTION

The rise of "red tourism" is a manifestation of people's pursuit of a colorful spiritual and cultural life under the conditions of improved living standards, increased leisure time, and convenient transportation [1]. At present, when multimedia data transmission is carried out in the campus network, there are not only data information such as pictures, texts, sounds, animations, etc., but also video and image signals with a huge amount of data. Although the current video and image signals use international compression standards such as MPGE-I, MPEG-II, MPEG4, etc., [2] XenServer launched by Citrix is used as a virtualization platform in the industry. Multiple virtual machine VMs can be run simultaneously on the server side [3].

And provide clients with services running on these VMs. The customer does not have a very advanced hardware configuration and does not have its own operating system. The outstanding problems of music education in general non-art colleges and universities are the serious lack of high-quality teaching resources, the shortage of school hours and the shortage of teachers [4]. Network and information technology can just integrate high-quality teaching resources around the world and break the limitation of traditional classroom hours. Wang Youmei and others believe that in the next 20 years, mobile learning in my country will experience three stages of development: the stage of basic environment construction, the construction of knowledge system Stage and learning service construction stage, my country's mobile learning should return the research focus from "technology" to "learning" [5].

With the rapid development of mobile Internet technology and the increasingly powerful and rapid popularization of mass storage and intelligent terminal equipment functions brought about by cloud computing [6], the demand for learning anytime and anywhere in the field of education, that is, mobile learning, is constantly increasing. From 1994 to 2004, the first ten years of red tourism started [7], the main purpose was to help the old areas cultivate new economic growth points and

make the people of the old areas get rid of poverty and become rich. After the introduction of the "Outline" in 2004, red tourism quickly became popular [8].

The main reason is firstly the promotion of national policies, red tourism is a top-down national government-led project; secondly, the innovation of tourism forms [9]. On the basis of a full understanding of the spatial effect of tourism development and the evolution of tourism spatial pattern the tourism integration development model carries out overall planning, systematic development and joint development of the entire regional tourism [10], and pays attention to coordinating the relationship between regions, so that the regional tourism resources form a good spatial complementarity relationship. In recent years, the whole country has set off a red The tourism boom, especially on the eve of the 80th anniversary of the founding of the party and the 16th National Congress of the party, has greatly increased the number of people visiting patriotic bases and revolutionary memorial sites. Red tourism has become a very popular selling point in my country's tourism industry [11].

To build an advanced socialist culture, we must actively inherit and develop these revolutionary traditions. Only in this way can we prevent and resist the erosion of corrupt culture and various wrong ideas on people [12]. The emergence of "red tourism" is the embodiment of learning and promoting the revolutionary cultural tradition. Many teaching TV programs and multimedia courseware have begun to be on-demand on the Internet, and teaching resources have been shared on campus. The booming distance education technology is also used in some Video-on-demand technology to achieve [13]. It can be a system of various versions of Linux or a Windows system. Moreover, the model of memory and CPU is also selected by the client. When the client opens the virtual client, it is like opening and running a real machine on its own machine, but the VM is actually running in a remote cloud. i.e. on XenServer [14].

Based on the data analysis of the music education questionnaires in ten ordinary colleges and universities and

the inspiration of MOOC teaching methods, this paper constructs a mobile terminal-oriented ordinary college music teaching cloud platform, so that students' learning of music knowledge and appreciation of music works are no longer affected. Time and space constraints, through application and practical research, implement mobile learning effects. [15] In recent years, in many researches on English mobile learning, most of them focus on the effectiveness of mobile learning on English learning for middle and primary school students or full-time college students, but there are relatively few studies on English learning for adult students [16].

2. THE PROPOSED METHODOLOGY

2.1 The Mobile Terminal Red Tourism Resources

Ideological and political education is an important link in building an advanced socialist culture. "Red Tourism" integrates ideological and political education and tourism, combining education with travel and education with entertainment. It combines traditional ideological and political education methods such as reading newspapers, studying documents, and listening to lectures. Tourism resource development is a comprehensive Development is an economic and technological behavior. It needs to use certain technical means to give full play to people's creativity and intellectual resources, and to use and effectively protect various real and potential resources existing in the development zone in an orderly, scientific and rational combination.

The spatial distribution of the scenic spot system has obvious scale-free and shows statistical fractal characteristics. The self-similarity of the scenic spot system means that the self-organization evolution of the tourist space system is dominated by some implicit rules, and it has an optimization trend. Therefore, it is of great theoretical significance and practical value to reveal the fractal geometric characteristics of the spatial structure of the scenic spot system and its governing laws." The "cradle of revolution" Jinggangshan put forward the strategy of tourism development as early as 10 years ago, and has now become a red tourist destination that attracts attention in the domestic and foreign markets. The contribution rate of tourism to the local finance has exceeded 35%. Jinggangshan takes full advantage of the local intact natural ecological resources. The "cradle of the revolution" Jinggangshan put forward the strategy of developing the city through tourism as early as 10 years ago, and has now become a red tourist destination that attracts the attention of the domestic and foreign markets, and the contribution of tourism to the local finances The rate has exceeded 35%. Jinggangshan takes full advantage of the local intact natural ecological resources.

Strong tourism agglomeration areas have strong competitiveness. The spatial agglomeration of tourism enterprises and their support systems forms an agglomeration economy. The agglomeration economy is mainly manifested as the scale economy, scope economy and external economy exclusively enjoyed by the enterprises within the industrial agglomeration. The high concentration of tourism enterprises in a certain region has attracted a large number of service providers and professionals. Customized marketing is based on large-scale production, enterprises treat each customer as a separate market segment, according to their Marketing mixes for specific needs in order to achieve a marketing approach that satisfies. "Red tourism is a semi-organized guided outdoor education".

2.2 The Tourism Resource Sharing Storage And Mining

Because SAN adopts optical fiber network, it not only provides high-speed interconnection between host and storage devices, but also greatly improves the number of devices and transmission distance (up to 10 kilometers). The frequent access and fast processing of the massive teaching resource information data of the Internet/Intranet structure lays the hardware foundation and can be migrated without the customer feeling that the customer feels that his VMO has been running continuously.

Unbeknownst to the slightest, VMO has actually switched the operating environment. This technique of moving directly to another actual server without shutting down VM0 is called live migration. The FRAME framework model was developed by Koole for a master's thesis in 2004 when mobile learning first entered the mainstream of educational research, and the thesis was published online in 2006, which may help promote the model worldwide. In mobile learning resource development It should be based on the specific learning needs of the learning subject, closely follow the learning objectives, comprehensively consider many factors such as knowledge content, information carrying capacity, presentation and management methods, and follow the principles of knowledge, miniaturization, fragmentation, and interactivity. Users access the CD mirror server through a web browser to access data, and the settings and upgrade management of the CD mirror server can be performed through a web browser.

Since the optical disk mirror server separates the information storage and reading functions of the optical disk, when implementing dynamic migration, only the memory of the VM running on the original server can be copied to the destination server, instead of copying all the contents on the disk. To the destination server, this greatly shortens the time of dynamic migration. According to the hardware characteristics of the mobile intelligent terminal and the functional requirements of mobile learning, the mobile learning system should adopt the C/S architecture, and store the learning resources in a high-performance server to provide resources. Distribute a service, manage various dynamic data such as users, learning resources and learning progress.

2.3 The Construction of a Mobile Platform for Education on Red Tourism Resources

Red culture is a historical culture of revolutionary struggle and national liberation under the leadership of the Communist Party of China. From this point of view, the cultural essence of red tourism resources is that it is a war culture. In any regional tourism industry, these five competitive forces control the competition rules, and they together determine the attractiveness and profitability of the regional tourism industry. sex. The tourism industry in the geological tourism resource group in western Hunan is no exception. Due to the loyalty of tourists in the three major western Hunan geological tourism resource groups to their brand loyalty and the limited size of their own capital. Ranzhuang Tunnel Battle Site, Langya Mountain Five Heroes Memorial Hall, Baiyangdian Yanling Team Memorial Hall, Dong Cunrui Memorial Hall, Ma Benzhai Memorial Hall A large number of red tourism resources in Hebei Province, such as Bethune, Bethune and Ke Lihua Memorial Hall, have a high reputation in China. At present, the CD mirror server products support more than 100 concurrent users, such as the domestic Tsinghua Tongfang mirror server.

Although there are more than 100 students who can simultaneously request a certain CD content in a multimedia network, we still use freeNAS as an example to illustrate. In the XenCenter interface, select pool 0. Click Create New SR (Storage Repository). Enter the wizard to initiate the connection to the iSCSI Target. Select iSCSI in the pop-up box. Click next. The connection interface appears. Openness is a typical feature of the contemporary information society. For example, super girls on TV shows can sing whenever they want, and just like writing on Weibo, people hope that there is no threshold for learning music knowledge, and they want to learn. MOOC also caters to the needs of the contemporary information society.

3. CONCLUSIONS

Although this paper has carried out a systematic research on red tourism, the research on red tourism development needs more in-depth, extensive and detailed theoretical research and practical investigation to reach a mature stage. With the continuous development of red tourism, problems will also arise Appeared one after another. The development of mobile terminal software is an important link and guarantee for the development of mobile learning. According to the construction strategy and scheme of mobile learning resources, this paper describes the design ideas and development technology of mobile learning terminal software for the iOS mobile platform, so that the client can obviously feel a long pause when running. It brings great inconvenience to users. Using NAS can easily solve the problem of shared storage space in the shared resource pool.

4. REFERENCES

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