

Informatization Research on Teaching Management Work Mode of College Teachers Based on Cloud Real-Time Recording Terminal Data Sharing

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Abstract: The algorithm first decomposes the original waveform into three layers, and uses the improved absolute value difference method, the improved sequence similarity method, and the normalized cross-correlation method for matching in each layer, and finally achieves accurate matching. Fantasy Skyline brings together his life's creative approach and presents it with great maturity, with a bright and smooth melody in its structure. The entire musical composition contains more than 40 poems and is named after 14 of them. The creation of the works not only contains the passion and fantasy in the verse, but also is full of many profound irony. The search strategy of the hill-climbing method and the particle swarm optimization algorithm of the swarm intelligence algorithm are respectively used to realize the non-traversal search of the waveform matching algorithm.

Keywords: Spectral Feature Recognition, Foley's Vocal Suite, Fantasy Sky, Waveform Matching Algorithm

1. INTRODUCTION

Higher education has entered the stage of popularization, and its teaching quality has received unprecedented attention from the society. Student participation in daily teaching management has become one of the important links in the reform of higher education. The marketization of the employment of college graduates, the improvement of the society's requirements for talent quality, and the sense of urgency in career choice. Existing studies generally focus on the descriptive analysis of the cost-benefit of education informatization [1][2][3] and education informatization the construction of the evaluation index system [4][5][6] ignores to a certain extent the main body of education informatization - the significance of teachers' specific evaluation of it.

Ability is often regarded as the ability of people to successfully complete a certain activity, and it is the relatively stable personality and psychological characteristics and physical and mental strength displayed by relying on their own knowledge, skills and intelligence to understand and transform the objective world. The 21st century is an era of knowledge and information, which puts forward new requirements for talents in many aspects, especially in terms of ability and quality. In the process of designing the software, we found that there are two main problems that need to be solved to complete the application: first, the background server hard disk capacity and backup management problems. Due to the continuous accumulation of images, the hardware investment will continue to increase. At the same time, the system hardware failure causes The risk also increases at the same time; the second is the problem of multi-terminal sharing, that is, a background service multiple different terminals for access. Therefore, the essence of evaluation is the judgment and definition of value.

According to existing research, it can be concluded that the task and function of evaluation is not to reveal the essence and law of things, but to grasp the nature, size, change and possibility of its value. Teaching and student management in colleges and universities has always been a It is a arduous and arduous task. Over the years, colleges and universities have

invested a lot of manpower and material resources in this area. However, in the case of traditional manual operations, there are many inconveniences and many disadvantages are exposed. Cloud storage is not storage. Instead, the service cloud storage can integrate the node machines on the local area network or wide area network to form a new logical storage platform to provide external storage services, so it is not a single device, but a collection of devices.

The user will not just access one of the machines, but an external storage service implemented by software. The predecessor of the protocol is a kind of instant messaging protocol, which is often used in China. Adopting the protocol in the personal cloud to push the change message of files and data, it can make timely response to the changes of files and data. Since the protocol is based on, it inherits flexible development and is extensible, so the text is It is not a simple message, it can carry out complex data and documents including various formats of communication. At present, most of the colleges and universities in our country have implemented the management mode of secondary colleges, and most of the college students have also participated in teaching evaluation activities.

But on the whole, students did not participate extensively in the daily teaching management work, and there was a phenomenon that the goals of managers and those under management were inconsistent. This study believes that, as one of the main "users" of college education informatization, teachers' satisfaction level with college education informatization is an effective indicator to reflect their performance level. This is the starting point to explore teachers' service to college education informatization. It is beneficial to education management departments and colleges and universities to improve the idea of education informatization. The new requirements are reflected in the education and teaching goals, which are mainly reflected in: (1) The transformation to high-level learning ability; (2) Various related abilities in the age of technology (3) the ability to control and adapt to change; (4) the ability to cooperate; (5) the ability to think systematically and act. In addition, the development of global knowledge, mental and

physical health, and effective communication skills are also more important than ever. After research and analysis, we have abandoned the solution of building a back-end server and adopted a cloud storage service solution provided by a cloud storage service provider.

2. THE PROPOSED METHODOLOGY

2.1 The Cloud Real-Time Recording Terminal Data Sharing

Moreover, in order to reduce the risks caused by the instability of the services provided by cloud storage service providers, the clouds provided by multiple service providers are integrated, so that images can be stored and backed up in multiple clouds. Personal cloud storage is a specific application of cloud storage. It is aimed at individual users and provides users with reliable storage services, and it is no longer just the process of uploading files to the network disk. It has really entered the daily life of individuals.

It not only has the ability of network disk storage, but also has the ability to synchronize file data in real time. The implementation of the synchronization algorithm uses open source file synchronization software that is currently widely integrated in various distributions. The remote file synchronization algorithm. The algorithm is a typical single-round synchronization algorithm, and its basic idea is that the file is fixed-length chunks on the server side, and the difference between the digest values of the computation chunks is sent to the client.

Cloud storage is a cloud computing system with data storage and management as its core. It refers to a system in which a large number of different types of storage devices in the network work together through application software through functions such as cluster applications, grid technology or distributed file systems to jointly provide data storage and business access functions. Cloud storage has been supported by many companies at home and abroad, and they have launched their own products and technologies. The following is the specific situation of each company: representative state transfer) and simple object access protocol, users can call the interface to obtain services according to their actual choice. A well-developed computer infrastructure is serviced. Such as Amazon's system.

Platform as a Service. What is provided is the actual software development platform as a service and provided to users in mode. So, is the application of the pattern. However, the emergence of accelerated development also accelerates the speed of application development. Such as Google's, domestic. It is a dynamic web technology standard, advocated by the company, and established and completed by many companies. The technology is somewhat similar to the technology, the technology is to insert the program segment and markup (into the traditional web page file, so as to form the corresponding file. It is used to write the sum, thereby encapsulating the logical processing of generating dynamic web pages. Ensure data security.

2.2 The Teachers' Working Mode of Teaching Management in Colleges and Universities

It avoids the problem that traditional storage technology needs to know the specific storage information such as the specific model, interface and transmission protocol of the storage device to realize storage. As shown in Figure 1, the user only needs to know the storage information during use. The data is

stored in the "cloud", and the composition of the cloud does not need to be known to the user. If the data waiting to be processed by the operation is in the vicinity of the processing program, the machine used by the program will be efficient. This is especially true when the files are quite large. The effect is very obvious when it is huge.

This method can effectively reduce network traffic, save bandwidth and improve the data throughput of the system. Cloud computing is sweeping the world like a hurricane, and the accompanying impact is very obvious. This year is also a year of rapid development of cloud computing. Various cloud technologies and cloud applications have appeared like spring after rain. Various companies are doing researches related to cloud computing, some of which are very mature, showing huge business Potential. Relatively speaking, there have been very big changes. It has been removed, the compatibility between framework components has been reduced, and it supports common classes (which brings great convenience to module testing. It provides powerful The integration ability of , supports multiple return result types, improved tag library, and introduces the concept of expression and value search, which brings a better experience to the developer.

2.3 The Informatization of Teaching Management Mode

This paper introduces the satisfaction survey method in the evaluation process of college education informatization. The score setting of the measurement indicators adopts the Likert scale 5-point scoring method, and the teacher's satisfaction evaluation of each indicator of informatization is set to 5 grades, namely very satisfied, satisfied, average, Dissatisfied, very dissatisfied. Educational technology is the theory and practice of designing, developing, utilizing, managing, and evaluating resources and processes to facilitate learning. AECT2005 new definition states that "educational technology is the research and ethical practice of promoting learning and improving performance through the creation, use, and management of appropriate technological processes and resources.

The access layer is the layer directly contacted by the user (client), it obtains the user's application and invokes the corresponding application interface. Any authorized user can log in to the cloud storage system through the standard public application interface and enjoy cloud storage services. Since the personal cloud storage system is a platform that provides file storage services for individual users, compared with the network disk, the traditional network disk almost provides file storage and sharing services. When it first appeared, the personal network disk provided resource sharing. and storage services can meet the needs of individuals, but with the development of multimedia websites, various public resource websites have been improved. The server-side platform side receives the synchronization requests from each client, and after synchronization processing, interacts with each client and communicates with each client. Keep data in sync.

The main synchronization module is connected with the object storage system, and saves the file-type data in the object storage system; and is connected with the database, and saves the record-type data in the database. At present, most of the teaching management systems in colleges and universities are formulated by the administrators through the inspection and study of the sister colleges and the actual situation of the school, without extensive participation of the teachers and students who are under management. The results of factor analysis show that 6 principal components can be extracted

from the 34 items included in the university informatization evaluation questionnaire, and the variance explained by these 6 principal factors accounts for 69.004%. It can be judged that the extracted six common factors are ideal in fully extracting and explaining the information of the original variables.

3. CONCLUSIONS

The participation of undergraduates in the teaching management of colleges and universities is an effective means to improve the teaching quality of higher education. The overall effect of the undergraduates' participation in management on the improvement of learning subjectivity in the case is mainly manifested in: building a bridge of communication between schools and departments, and students can reflect their opinions and ideas through various organizational surveys. Continue to strengthen colleges and universities The construction of education informatization, especially the weak links such as teaching informatization, analyzes the factors that generate momentum in the group and its effective organizational form - the role of learning community in the development of teachers' ability; discusses the role of action learning in ET ability in colleges and universities The role in development and how to carry out models of action learning.

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