

Construction of Online Guidance Framework for English Language and Literature Based on Multi-Link Data Sharing Platform

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Abstract: Combined with the technical characteristics of blockchain and the development status of the multi-link sharing platform model, the article initially builds the overall framework of the high-quality educational resource platform for colleges and universities based on blockchain technology. The cohesive scientific and systematic experimental teaching system, the computer-aided English language and literature teaching management system, implemented the overall architecture design and functional module analysis of the system, analyzed the key technologies of the system, and analyzed the English subject through the knowledge representation based on the concept map model. Information and test questions.

Keywords: Online Guidance Framework, English Language and Literature, Multi-Link Data Sharing Platform

1. INTRODUCTION

In the face of new tasks in the new era and new stage, the Ministry of Education has put forward the policy of "consolidating, deepening [1], improving and developing", consolidating achievements, deepening reforms, improving quality and sustainable development. At present, due to the imbalance of economic development levels in the eastern and western regions of our country [2], resulting in the uneven development of higher education. Although there are "E-learning" online learning platforms represented by MOOCs, there is a lack of dynamic supervision [3], recording and evaluation systems in the learning process, so that the results of online learning are not recognized by the public [4].

In view of the trend of national college English teaching reform and the analysis and research the parameter filename here is the file name to be written, clsidEncoder is the class requirements of the times and cultivate talents with strong English application ability, we must start from the three aspects of knowledge, quality and ability [6]. In view of the trend of national college English teaching reform and the analysis and research identification code CLSID of the encoder used when writing the times and cultivate talents with strong English application ability, we must start from knowledge.

Therefore, the intelligent computer-aided English language and literature teaching management system integrating artificial intelligence and computer-aided instruction design will separate the teaching content and teaching plan, based on the student model in the student database [8], using the retrieval and reasoning of the intelligent system to dynamically generate personalized Teaching content and programs. EncoderParams is optional, it provides parameters for the encoder, and is NULL when not in use. [9], representing Therefore, if you want to store the image in another format, a general intermediate data structure is constructed as a "media" between different formats of my country's modern agriculture [10]. Agricultural postgraduates should not only master a solid basic knowledge of disciplines, but also have a broad understanding of the entire discipline

system and disciplines related to their majors (Historical Records, 2018) [11].

As long as it can convert between each image format and the intermediate format. [12]. The system is mainly composed of the following parts: network surveillance cameras, distributed network computing nodes, topology computing workstations, streaming media servers and databases, network devices (such as switches) [13], terminal display screen array, and remote calibration and registration software running on the nodes. The distributed network computing nodes are further divided into front-end network [14] video segmentation nodes and back-end network video fusion display nodes. In today's society, education informatization has become an important indicator to measure the modernization of education [15].

In 2010, the United States promulgated the National Educational Technology Plan 2010, entitled "Transforming American Education [16]: Empowering Learning with Technology". The plan clearly puts forward a learner-centered, technology-supported educational idea, emphasizing all relevant curriculum resources and technologies [17]. The networked language teaching platform is to use computer network technology to build a resource management platform with digital shared teaching resources. In 2019 [18], it can realize the mutual conversion of different file formats [19].

At present, while blockchain technology has attracted the attention of all walks of life [20], the education industry is also using this technology to explore and solve industry problems and promote the innovation and development of the education industry. With the help of multimedia network technology, it is an important direction for language teaching reform to create a personalized virtual situation for language learners [21], so that they can learn and use language in a "real" language environment, and use technology to make up for some deficiencies in traditional teaching [22]. And this intermediate structure is represented as a dedicated internal image under the Tina platform. In this design, the FPGA adopts the APA Qiao O chip of Actel Company. [23], and completes all data access tasks. Namely the database server. Instructional Model refers to a systematic and theoretical operation style from teaching principles, teaching content,

teaching objectives and tasks, teaching process to teaching organization forms under the guidance of certain theory (Ye Lan, 1993) [24].

2. THE PROPOSED METHODOLOGY

2.1 The Multi-Link Data Sharing Platform

The education and teaching practice at home and abroad from ancient times to the present is the conscious and unconscious application of a certain teaching mode [25]. A large number of experts and scholars have analyzed, combined, studied and explained the various elements of the teaching mode, forming a variety of far-reaching theoretical schools. The microcomputer already has the digital image processing capability comparable to the performance of the professional DSP development board. At the same time, the microcomputer has a more stable, mature and easy-to-use operating system than before, and developers usually do not need to know too much about the underlying drivers and basic algorithms, which greatly improves the efficiency of software development.

This learning theory has prevailed in the United States for more than half a century and is also dominant in the world. The construction of the networked language teaching platform aims to strengthen students' understanding of foreign language courses and cultivate students' practical ability in the actual language application environment, and discusses the feasibility of applying blockchain in the field of education in the future; Blockchain technology has designed an educational resource circulation model that combines dual blockchains with smart contracts.

Under the guidance of the "Education Informatization 2.0 Action Plan", educational institutions in all parts of my country have actively carried out the exploration of the smart education model based on the local reality, and accumulated rich experience for the establishment of the unified model of smart education in my country. The current trend of continuous development of information technology.

2.2 The Construction of Online Guidance Framework for English Language and Literature

One is social networking, which has become a key factor in the development of the Internet. At the same time, social networks also have the advantages of low cost and strong openness. College counselors are an important force in the process of ideological and political education for college students, as well as organizers, guides and companions of college students' work. It is one of the first choices for college students to show their individuality, maintain the relationship between social entities, and express their interests. Adhering to the principle of discipline in teaching resource construction means that in the process of teaching resource construction, the differences in content of different majors and disciplines are fully considered, and resources are selected and customized around different majors and disciplines, highlighting the characteristics of majors, departments, and schools. It is of great significance to develop the disciplines, cultivate the comprehensive quality of students, and improve the quality of education and teaching. Based on the above method, the calibration and registration of network camera parameters are completed on the distributed network computing nodes, the scale of the images to be registered is achieved, and the accurate projection transformation of the original panoramic basemap and the video frames to be registered is output. parameter. The FPGA chip has 150 "XX"

system gates, 61 logic units, 2 phase-locked loop PL cores embedded with 36KB dual-port SRAM, and supports a maximum of 242 user I/O (I/O voltage is 3.3 V and 2.5V are available), but it is not bundled with a specific pen, brush, image and font. In GDI, to use stroke lines.

Computer-assisted teaching began with the continuous updating of our must use the SelectObject function to select a specific pen object into the acquired device description table, and the selected pen will be used for all lines drawn later. Technologies such as slides, records and silent films were used to assist teaching as early as the beginning of the twentieth century. Abundant slot selection reserves abundant room for expansion, forming a converged and unified network. The complete IPv6 features meet future upgrades and provide a reliable network core support for the Networked Language Experiment Center. Decentralization is the most essential and significant feature of blockchain, and it is also the biggest difference between blockchain and traditional distributed databases. The above three types of equipment jointly form the backbone network for foreign language experiment teaching, and provide a full gigabit, safe and secure network. A stable campus LAN, creating a good network environment for teachers to work and students to attend classes.

2.3 The English Language and Literature Based on Multi-Link Data Sharing Platform

For example, when we are currently conducting WeChat transfers, data management and storage rely on Tencent's data platform, while in the blockchain, all transaction data are stored in the network nodes of each block. The system divides the textbook into units by chapter. To facilitate searching, set the serial number of the chapter to the serial number of the unit. When the student selects a unit, the unit number UnitNumber will be recorded at the same time.

If the study ends. Specifically, in terms of public English teaching for agricultural postgraduates, the purpose of information literacy education is to cultivate students' ability to independently acquire, identify, process, apply and evaluate information, that is, to find, select, utilize and evaluate the required teaching among the massive teaching resources. The ability of resources refers to students' self-determination, self-selection, self-regulation, self-evaluation and reflection in learning activities under the help and guidance of teachers or others. After the network video segmentation node accesses the database management system and obtains the working parameters, it can process and segment the collected real-time video stream.

The video frame images obtained from the nodes finally need to be transmitted to the back-end network video fusion display node for splicing and fusion with the panoramic basemap. The above function to create and install the TV window encapsulates the Some tedious program codes such as window initialization and event processing in the underlying Xlib library, the following figure is the function call diagram of the grayscale image display process in Tina. Information technologies such as digitization, networking, and intelligence are fully utilized in teaching design. The English teaching of the network-based information platform can digitize valuable classroom information and collect it into the data center. Students can complete classroom teaching content and after-class autonomous learning through computer terminals at any time and anywhere. The blockchain data structure is composed of ordered units of all the blocks within it.

3. CONCLUSIONS

This paper designs and implements an intelligent computer-assisted English language and literature teaching management system, which improves the English learning quality of students and the teaching quality of teachers. The realization part of the system analyzes the realization process of the system teacher management module, student management module and database configuration in detail. The ecological balance of the traditional college English classroom is broken, and the unbalanced college English classroom teaching further leads to the occurrence of many disorders. The experimental results show that the functions of the designed system operate normally, and the two-way intelligent interaction of teaching and learning is realized.

4. REFERENCES

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