Development of Smart Sports in Colleges Based on Intelligent IoT Equipment with Digital Reform System

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Abstract:The management of digital teaching system and the control of digital teaching quality are discussed in detail in the construction of software and hardware in the practice of digital reform of medical imaging and the key problems to be solved Based on the material conditions and human conditions of colleges and universities, a variety of practice paths will promote college sports to adapt to the changes of the times, and then promote the scientific fitness of the public. some advices. We work hard to address these issues and mobilize the forces of all parties. Take various measures. Actively strive to promote the scientific and humanized development of college physical education curriculum construction from the aspects of value orientation, functional system, status improvement, structural system, evaluation system, teaching qualifications, target system and teaching mode.

Keywords: Smart Sports, Intelligent IoT Equipment, Digital Reform System

1. INTRODUCTION

Four-dimensional image information is used to understand the functional changes of the inspected organs, which are far beyond the content that can be expressed by a single film. In order to make the teaching quality of medical imaging most suitable for the clinical needs of modern medical imaging, with With the development of economy and society [1], the pace of educational reform is gradually accelerated, and the educational concept centered on quality education is constantly updated. Teachers need to change their educational thinking in real time with the times, and cooperate with the national talent strategy with a new talent awareness and practical exploration spirit [2].

Actively build a modern police system with unified leadership, clear functions and powers, intensive and efficient, smart and sensitive, professional and practical, and co-construction and co-governance, and explored a road of public security reform that highlights the characteristics of the times, reflects the characteristics of actual combat [3], and has Shaoxing characteristics. Important functions such as resource allocation, income distribution, economic regulation, and supervision and management are an important force in serving and guaranteeing digital reform, and are also an important area of digital reform [4].

From a political point of view, digital reform is the practice of "two maintenances" by the financial sector [5]. At present, social governance is increasingly showing new features of high standards, high efficiency, high precision, and high quality. Prison work is at the end of the criminal justice process and is the "last mile" of justice. Use smart wearable devices to monitor pregnant women's "3+1" items, that is, weight, blood pressure, urine routine and later fetal heart rate monitoring [6].

Through corresponding operation training, self-monitoring at home of pregnant women can be realized, and the obtained monitoring data can be obtained by means of wireless network. With the development of network technology and modern communication technology, home networking has become the trend of family modernization [7]. The home network can be regarded as a distributed network, and it is the future development trend to realize the remote control of ordinary home appliance terminals through the smart home gateway, so the smart home gateway is the core of the entire home network [8].

The "Internet +" action plan first appeared in the government work report in 2015. The purpose is to give full play to the role of the Internet in the process of allocating factors of production, and to practically apply the results of the Internet to economic development [9]. The description of smart sports is basically to use the latest technology to actively attract participants. In order to improve the enthusiasm of participants, provide participants with a more convenient participation experience, provide intelligent operation methods, and ensure the existence of sports activities. sequence so that the participants of the physical activity can fully participate in the movement [10].

The innovative concept of "Internet +" provides more space for the development of industries such as finance, education, medical care, and logistics, but the current construction of college physical education courses in my country is very ignorant [11]. It is in a marginalized position in the curriculum construction system of colleges and universities [12]. Therefore, it is of great practical significance and value to study the construction of university physical education curriculum. As an advanced form of informatization construction of colleges and universities in my country, smart campus is a further improvement on the basis of digital campus construction [13].

Under the protection of various emerging information technologies such as cloud computing, big data, and the Internet of Things, the smart campus launched the prototype of an intelligent management system for home equipment called "Future Home" in 1998 [14]. This intelligent management system includes Message message, intelligent wiring, telephone access, broadband access, cable TV, CCTV, security alarm, video intercom. From the above table, we can see that by 2018, a large number of intelligent hardware will enter in our daily life, various giants in the IT industry have proposed their own intelligent hardware platforms [15].

So what kind of system platform should ordinary developers choose to manage and how to bring better user experience to

users are the issues to be studied in this paper [16]. In 2009, our school built a digital teaching laboratory for medical imaging, and effectively carried out the reform practice of "Medical Imaging" teaching. Mathematics teachers must change their concepts, reform traditional teaching methods, actively use multimedia technology, scientifically build a teaching situation with the improvement of mathematical practical ability as the main position, and focus on improving the practical application ability of mathematical knowledge, and continuously improve the overall quality of students, Promote the all-round development of students [17].

2. THE PROPOSED METHODOLOGY

2.1 The Digital Reform System of Sports Education

Teaching network management and maintenance. Digital teaching is based on the network, so it is necessary to ensure the security of the teaching network to make digital teaching go smoothly. The second principle is to build the teaching network into a relatively closed network system according to the requirements of use, and physically close the mobile storage interface. In the teaching, students are trained and trained to strengthen the will and quality, and guide students to establish the exploration that will never stop until the goal is achieved. Spirit, is conducive to the improvement of mathematical ability, is conducive to the consolidation of mathematical knowledge, and ultimately achieve the ideal of comprehensively improving students' comprehensive quality in mathematics teaching.

Digital reform is not to give the traditional system and mechanism a digital form, but to build a new system and mechanism on a digital base, systematically reshape traditional concepts, systems, systems and means, and solve fundamental problems. It plays a dynamic role. Digital reform is not to give the traditional system and mechanism a digital form, but to build a new system and mechanism on a digital base, systematically reshape traditional concepts, systems, systems and means, and solve fundamental problems. It plays a dynamic role. Promoting the digital reform of prison work plays a very important role in enhancing the police's awareness of evidence and rules in law enforcement management, and will greatly enhance the police's awareness and thinking of the rule of law. When the signal strength reaches level 7 or above, fetal heart rate monitoring can be started; however, compared with the other three products, the M product will be disturbed by certain external conditions when communicating with the mobile phone to transmit fetal heart rate data, resulting in signal loss and data not being displayed. Quiet away from the noisy operating environment.

Management of the teaching process. In the digital teaching string, the teaching and learning activities of the teacher terminal and the student terminal are completed through the human-computer interaction interface, and the application functions are distinguished by the different permissions, such as the chalk function, the pointer function and the synchronous demonstration function. Through the study of mathematics textbook knowledge and the effective application in production and life practice, each student is to be cultivated in good mathematical practice behavior, and these practical experience will be transformed into mathematical ability.

2.2 The Intelligent IoT Device Assistance

According to the Internet security vulnerability platform Wuyun.com, there is no relevant network security technical standard in the wearable field. From the manufacturer's point of view, it is difficult to unify technical standards even for products from the same manufacturer [12]. Taking wearable devices covering the medical and health industry as an example, in the front-end system, a number of home authentication domains are established with smart set-top boxes as units. Delete a peripheral and view the status information of the peripheral. On the premise of advanced nature, the practicability of the system should also be guaranteed.

This system is based on ordinary home users, so the design of the interface should follow a simple and generous style, so that users can quickly get started and master the use of the system. The public platform is essentially a web project that handles HTTP responses from WeChat servers. Therefore, to use the development mode of the public platform, developers must have their own public network server resources and addresses. The request verification process is as follows: the traditional prison law enforcement management mainly relies on subjective experience and limited information to make judgments and decisions, and implements a hierarchical management method, which has problems such as complicated procedures, insufficient openness and standardization, and low efficiency.

2.3 The Intelligent IoT Equipment Assists the Development of Smart Sports in Colleges and Universities

At present, Dongfang Cable has made active exploration and research and verification on the intelligent terminal based on TvOS 2.0, and it will be reflected in the new version of TVOs system as a new function in the next stage. On the premise of meeting the needs of the present and future society, insist on highlighting the value of the college physical education course itself, and construct its own value system based on the rational analysis and logical prediction of the present and future society. When the authentication is passed, the authentication is passed. Otherwise, all kinds of peripheral devices connected to the smart terminal will be identified as illegal devices.

Through this mechanism, unified authentication management of peripherals can be ensured, illegal devices without user authentication can be prevented from accessing smart terminals, and various security risks brought by illegal device access to smart terminals can be reduced. The administrator can upload the physical fitness test data of the students in the whole school, and the system will automatically analyze the uploaded data, and realize the students' personalized physical fitness test report, so that the students can understand their physical weaknesses, and carry out systematic training according to the suggestions given by the system. JDBC (Java Data Base Connectivity, java database connection) is a JAVA API for executing SQL statements and belongs to the JAVA EE system. JDBC can provide a unified access interface to a variety of relational databases (eg, MYSQL, ORACLE, etc.).

As the center of the whole solution, nRF51822 keeps the temperature inside the incubator stable by controlling the heater and cooling fan, and starts the motor regularly to rotate at a fixed angle to ensure that the eggs can be heated evenly. The digital tube displays the temperature and humidity in the incubator in real time. Adhere to a variety of teaching strategies, the same course content can adopt a variety of teaching strategies to try and innovate, and for the learning objects of different majors, the teaching method should be combined with the major teaching methods should be attractive.

3. CONCLUSIONS

Vigorously launching a digital teaching system is conducive to making full use of instant network resources, developing distance teaching, and providing a software and hardware foundation for better playing the role of the center of teaching hospitals. In terms of software, the on-chip program development of wireless sensor nodes and gateway program development are introduced , client program development and background program development, and finally gives the security design principles of the system. Smart sports will enable us to obtain a more personalized, scientific and intelligent sports experience, and truly realize the deep integration of national fitness and national health. The promotion, development, improvement and upgrading of smart sports in colleges and universities.

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