Research on the Problems and Countermeasures of the Standardization Construction of Intelligent Logistics

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Abstract: Colleges and universities should optimize the internal structure with the development of the times. Under the background of network information technology and high speed development, there are still many problems in the information construction of colleges and universities, the overall planning is insufficient to meet the actual needs of teachers and students, and the utilization of data resources is also insufficient, which seriously affects the development of colleges and universities. Therefore, colleges and universities should make flexible use of network information technology, big data technology, build network platform, strengthen the logistics management of colleges and universities, ensure that all work can run efficiently under the help of network technology, construct a new intelligent service platform, make clear the development goal, and improve the level of logistics service management..

1. Current Status of Intelligent Logistics Development

Under the rapid development of information technology, colleges and universities should introduce modern technology in time to improve the quality of logistics service management. In the era of big data, the mining and collation of data is the key for colleges and universities to adapt to the society and improve the quality of education. In view of the lack of reference to big data technology in colleges and universities, the quality of data collection, integration and analysis can not be carried out flexibly, which leads to the low quality of logistics service work.[1]

Intelligent logistics is based on the application of modern equipment, clear service concept, under the concept of green harmony, promote the concept of service efficient, intelligent management of logistics service management, under the network information technology, the construction of information logistics service platform is an effective way for colleges and universities to improve the level of logistics service, but most colleges and universities in our country are not comprehensive to introduce new technology, and lack of understanding of the importance of logistics work, resulting in bad logistics service system construction. After statistics, it is found that the problems existed in colleges and universities during the period of intelligent logistics construction. Figure 1 shows the wisdom logistics forum[2].

Figure 1 Intelligence logistics forum site

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First of all, most colleges and universities introduce modern technology, establish network information platform, build intelligent logistics system process, lack of clear development goals, do not do a good job of overall planning, resulting in top-level design is not scientific, most colleges and universities use the school-level information development mechanism to carry out daily work, but not according to logistics work, design logistics information platform. Colleges and universities in the background of big data, because of their own funds, information development is different, most colleges and universities do not have sufficient funds to use modern technology to build information campus platform, at the same time, information standards are not consistent, lack of scientific technical norms, resulting in the wisdom of logistics information platform lack of standards, can not be smooth reality. This is because the top-level design is not rigorous and scientific; second, most of the university business application system scattered, forming information island phenomenon, resulting in the various departments can not form information. In this case, the business system can not guarantee the staff's efficient docking work, and there is also the problem of information asymmetry; finally, the efficient and not flexible use of big data technology, mining campus information, the integration of data resources, the use of obvious deficiencies, although the school has rich information, but only simple statistics, and not deep mining, resulting in low data utilization, can not use big data technology to reflect the value of data, resulting in the slow development of intelligent logistics platform, can not achieve the desired purpose. The technical service guarantee ability of colleges and universities is low, this kind of situation is reflected in most colleges and universities in our country, the information processing work is generally responsible by the technical department of colleges and universities, but most colleges and universities do not hire professional personnel according to the work demand, take charge of the related work, cause the business system design to have problems, can not carry out the related work according to the prescribed content scientifically and efficiently, at the same time the business system is updated slowly, it is difficult to carry out the management system efficiently, carry out the related work, figure 2 is the flow chart of the intelligent housekeeper office system.[3].

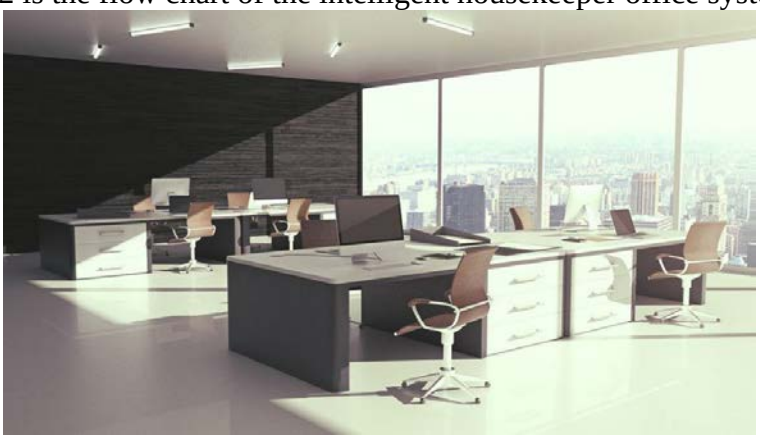

Figure 2 Flow chart of smart housekeeper office system

2. Key Points for Intellectual Logistics Construction

2.1. Goal-Oriented

In the process of carrying out the construction of intelligent logistics in colleges and universities, it is necessary to use modern technology flexibly, based on information service and with the aid of big data technology, to excavate and process the information collected efficiently, which is an effective way to speed up the construction of intelligent logistics.In the era of big data, the use of big data technology can solve the huge amount of data information difficult to deal with in colleges and universities, but also need to strengthen the operation of all kinds of plates, the application system to seize the ability of data, in the data statistics, horizontal comparison, trend analysis, index display and other technology, mining the potential value of information, which is the focus of information construction. Colleges and universities should also pay attention to the cultivation of

talents, ensure that the intelligent logistics construction team has a strong professional ability, can carry out the establishment of cross-business system, ensure that the staff theme analysis work, can use big data technology, carry out decision support and other work, out of the difficult difficulties of school data utilization.

Logistics intelligence performance is mainly reflected in, the perception of service work, intelligence and other aspects, and under the support of data acquisition, cloud computing and other technologies to complete logistics services. At the architecture level, the interface standard is formulated according to the logistics service work, and the adaptive platform application system is constructed; at the digital level, it is necessary to use the big data technology and the network information technology flexibly to construct the business system with the business data base and the data theme as the core, so as to ensure the application and the data organic fusion, so as to carry out the service work smoothly.

2.2. Demand-Oriented

The intelligent logistics should make clear the work task, pay attention to the service work of teachers and students, use the data to intercept the information obtained, and provide the unified service portal for teachers and students to meet the needs of teachers and students during the school period.At the same time, we should also complete the portal application way, not only can apply online, but also can send the application through the mobile phone, and design the preset process according to the work requirements, plan the internal operation process, ensure that the process processing speed will not be affected by external factors, and improve the office efficiency of colleges and universities. The daily office of colleges and universities should also optimize the internal structure to form the operation mode of front desk acceptance and background processing. Each department makes clear the network structure for the information management system, divides into the process approval function, the use function and the data management function according to the practical demand, strengthens the linkage operation between the front desk and the background, enhances the intelligent performance of the intelligent logistics, and raises the price of the data resources in the university under the action of data mining. In addition, we should further optimize the network information processing technology to ensure that the data processing work can be complete, accurate, real-time processing of data information, complete data collection, transmission, conversion, analysis and other work. Data transmission is carried out in a variety of ways, such as wireless and wired, according to the data standard, to ensure that all data can be stored in the prescribed format. The data warehouse of various topics should also be constructed, the data collection should be carried out, the data can be used flexibly, and the data can be presented in a visual way, and the data model construction and data capture function should be strengthened to provide valuable opinions for teachers and students to make decisions.

3. Smart Logistics Architecture Design Function

3.1. Intelligent Logistics Should Adopt Top-Down Design to Highlight User Access, Application Support, Information Resources and Infrastructure.

Build user access layer, distinguish different user types and do a good job of logistics information platform construction, design external service content, ensure that parents and teachers and students in the platform, can get good clothing. In addition, there should be a variety of channels, tablets, smartphones, can be used as mobile terminals to access the platform, improve the human performance of intelligent logistics information service portal, according to the application needs, the application layer is divided into data and business applications, logistics services should be carried out according to various business application modules, module development and other work to meet the needs of users, with the help of data capture information, complete logistics service refinement, scientific, humanization, professional design. During the design of the application support layer, it is necessary to follow the basic functions of general and individual character, and carry out the general interface design work, which can quickly connect the business,

shorten the development period of the application module, and improve the performance of the maintenance work at the same time; the information resource layer is the basis of the data application, and ensures the logistics service work smoothly under the action of the business database theme, database and basic database; the infrastructure layer is the important link of the information platform construction, which can be stored and calculated, and the data processing function of the intelligent housekeeper is shown in figure 3.

Figure 3 Data processing functions for smart housekeepers

Intelligent logistics information platform as an open platform, the function needs to be humanized set up, but also according to the needs of teachers and students and other users of the continuous improvement, to ensure that all kinds of materials on the intelligent logistics information platform to complete the flow, procurement, processing, inventory and other management, and with the help of data analysis function, complete the time cycle, utilization ratio and other calculation work, administrative office management directly affect the operation of the daily work of colleges and universities, but also should pay attention to the application of the platform, complete official documents, meeting arrangements, notification, assessment, personnel management, etc., according to the data notice of the number of visits, Secondly, the intelligent logistics application platform plays a very important role in the management of catering in colleges and universities, and can complete the appointment and ordering of information for teachers and students.

4. Conclusion

The intelligent logistics information platform adopts the top-level design to enhance the compatibility of the system platform, formulates the unified data standard, consummates the technical specification, uses the big data technology flexibly, exerts the data function, extracts the valuable information, according to grasps the data, understands the user's actual demand, follows the Internet thinking, discovers the platform construction existence question, combines the teacher and student's feedback information, further optimizes the wisdom logistics system, enhances the university logistics service level.

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