

Discussion on the Transformation and Innovation Strategy of Library Information Service in University in the Age of Artificial Intelligence

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Abstract: The widespread popularity of the Internet has provided new ideas for the development and transformation of university libraries. University libraries have gradually realized transformation and innovation by applying intelligent technology. The intelligent library has the characteristics of diversification and networking. University libraries need to innovate according to the characteristics of efficiency, three-dimensional and interconnection. This paper analyzes and discusses the transformation of university library to intelligent library, and puts forward some effective constructive strategies.

Keywords: Intelligent Library; University Library; Innovation; Transformation and Development; Strategy

1. The difference between traditional university library and intelligent library

There are great differences between traditional university libraries and modern intelligent libraries. First of all, the traditional university library mainly uses the form of books as the reading medium, while the intelligent library mainly broadens the reading level of students through computers and the Internet. Secondly, traditional university libraries mainly rely on manual management of the whole hall, while intelligent libraries can reduce manual management and record students' personal information and reading books through computer technology, effectively improving the quality and efficiency of library management. Thirdly, the intelligent library has more humanized services than the traditional university library, making students feel more high-quality services. For example, the administrator of the library can put all books into the multimedia equipment, reducing the time for students to find books, and improving learning efficiency. Finally, the intelligent library has more abundant book resources than the traditional university library, and does not limit the reading time of students. The intelligent library is open to students all day, and will not be limited by space and time, so that students have more choice space for books.

2. The construction goal of the transformation from university library to intelligent library

2.1 Realize the refinement of library management

With the popularization and application of the Internet in colleges and universities, and the increase of students' reading needs, the book management in university libraries needs to be more refined. The construction and development of intelligent library has gradually transformed the traditional university library, but it still cannot meet the information needs of students. Therefore, intelligent library must realize the optimization, innovation and refinement of construction, accumulate books through the Internet, excavate the book forms and contents that students are passionate about, and improve the library infrastructure, so as to realize the high-quality management of university library.

2.2 Strengthen infrastructure construction and document service

In the process of transformation from university library to intelligent library, we should strengthen the infrastructure construction and document service of the library. In terms of infrastructure construction, we should gradually improve the multimedia equipment, create an information management system in the multimedia equipment, sort and classify the traditional book resources and the emerging book resources, with the help of this system, students can find books more easily. In addition, university libraries should strengthen document services, add different types of documents to the information management system, ensure that students can enjoy better quality book services, search for the types of documents they need, so as to meet the reading needs of university students, and further improve the service capacity of intelligent libraries.

2.3 Expand the scope of literature service

With the continuous development of science and technology, in the process of transformation from university libraries to intelligent libraries, it is necessary to further expand the scope of document services, adapt to the development trend of the times, and meet the reading needs of school teachers and students. After the university library has successfully transformed into an intelligent library, the scope of document service will naturally expand, and the function of intelligent service will also be improved. With the help of multimedia equipment and the application of network technology, the scope of document service of university library can be effectively expanded, thus improving the utilization rate of documents for students and teachers.

3. The transformation form of university library to intelligent library

3.1 Innovate transformation mode and promote efficient development

With the increasing reading demand of university students, it is urgent for university libraries to innovate the transformation mode and promote efficient development. China attaches more and more importance to innovation activities, and also encourages colleges and universities to innovate through various incentive policies. University libraries should also follow the trend of the times, take the innovative route, integrate modern technologies such as science and technology, network, multimedia equipment into the library, actively promote the transformation of university libraries to intelligent libraries, so that university students can conduct intelligent, professional and personalized knowledge learning in the library.

3.2 Building cultural connotation and sharing platform

At present, there are still many problems in the transformation of university libraries to intelligent libraries in China, which are mainly manifested in two aspects: (1) formalism is serious, and the degree of cultural connotation of construction is low. Many university libraries only pay attention to external construction, but ignore the construction of cultural connotation in the transformation process, making there are still a large number of outdated and out-of-date books in the library, This requires that university libraries should also pay attention to the construction of cultural connotation in the process of transformation to intelligent libraries, introduce books closer to the times, and improve the overall quality of library books. (2) University libraries blindly purchase equipment in the process of transformation, but do not apply it to the library, nor build a sharing platform for students, which makes students lack a platform for mutual communication after reading and reduces their reading efficiency. Therefore, it is also necessary to use advanced multimedia equipment to build a platform for students to share and exchange.

4. Effective strategies for the transformation of university libraries to intelligent libraries

In the development process of intelligent library, the book resources in the library should be reasonably used and integrated, and new book resources should be introduced to meet the reading needs of teachers and students, so as to realize the successful transformation of university library to intelligent library. Because the majors of university teachers and students are quite complex, each student and teacher has a great difference in their reading needs for books. Therefore, in this case, university libraries should use intelligent network to introduce book resources and enrich the resources in the library, so

as to create a broader reading platform for students and teachers. At the same time, intelligent libraries should also create an interactive platform for readers. Through this platform, students and teachers of different majors can communicate and exchange, improve their knowledge reserves, and share their book reading experience. In addition, the establishment of an interactive platform can also better help the librarian to master and understand the reading information and interests of students, introduce relevant book resources in time, adjust the book purchase plan reasonably, meet students' reading needs, and facilitate students' reading and learning.

5. Key points of the transformation of university library to intelligent library

5.1 Clear positioning

In the process of transformation from university library to intelligent library, we should clearly define our own position, determine the direction, objectives and functions of transformation. In order to prevent the waste of funds and resources in the construction process, it is necessary to reasonably build a sharing platform, collect the opinions and feedback of students and teachers, and build an intelligent library according to the needs of students and teachers, so as to create a reading platform that can meet the needs of the campus and provide better services for students' learning and teachers' teaching.

5.2 Planning

During the construction of intelligent library, colleges and universities should make plans for the development of intelligent library in combination with their own positioning and development characteristics and the current situation of the campus. Because the transformation of university libraries to intelligent libraries is gradual and requires continuous innovation and change, it is necessary for universities to make reasonable development plans in advance and promote the construction and development of intelligent libraries in combination with their own actual conditions.

5.3 Partnership

In order to reflect the value of the transformation of university libraries to intelligent libraries, it is also necessary to achieve the goals of school-enterprise cooperation, intra-school cooperation and school-school cooperation. In the process of school-enterprise cooperation, the university should take the initiative to drive project cooperation, be brave in innovation in the construction process, and let enterprises see the value of the transformation of university libraries, so as to lay a solid foundation for future work. Cooperation within the university generally refers to the cooperation between the university library and the educational administration department within the university, and each department plays its own function and role. University-school cooperation generally refers to the fact that each university can learn from and exchange construction experience with each other in the process of building intelligent libraries, improve its own shortcomings, and build a better intelligent library on campus.

6. Conclusion

The transformation of university library to intelligent library conforms to the trend of the development of the times, and is also the inevitable trend of the development of university library. In the process of transformation from university library to intelligent library, the university should not only pay attention to the construction of external facilities, but also update the books in the library in time, and create a sharing and interactive platform, so that students and teachers can gradually understand and understand the value and advantages of intelligent library. In addition, in the process of building an intelligent library, schools should actively train library management and service personnel, enhance their service awareness, innovate service models, meet students' reading needs, and provide students with better reading services. Finally, in the process of the transformation of university libraries, it is necessary to clarify their own positioning, formulate effective and reasonable development plans, update work concepts, innovate work models, and handle various cooperative relationships, so as to better realize the transformation to intelligent libraries and promote the sustainable development of universities.

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