

## The Study about Information Construction in Private University

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**Abstract:** the Information Construction in Private University is One of the Most Important Directions of Education Modernism. with the Developing of Information Technology, the Information Construction Has a Great Achievement in Both Quantity and Quality, While the Challenge from Insufficient Fund, Isolated Situation and Innovation Shortage Could Not Be Ignored. the Following Paper Contributes to Find out the Effective Solutions and Set Up the Reasonable Evaluation System.

### 1. Introduction

Until 2016, there are 2595 higher education institutions in China, and nearly a quarter of those universities are private [1]. After 20 years developing, the private university with increasing quality and quantity becomes an important component in society. Under the information age background, the higher education pays more attention on the application of various information technologies, especially for the private university. There are relevant information construction plans provided by national government for excellent talent. The private university as an irreplaceable member of higher education, the information construction is the requirement from reality as well as future. This paper will focus on the current challenges for information construction in private university with proposing relevant suggestion, and the evaluation system of information construction will be demonstrated as the guidance.

The concept of information in education field could be dated back to 1960s, which means the process that education transformed from digital media into intelligent form, and the characters including intelligent, opening, characteristic and harmony [2]. The period of big data ask for the information construction of education further to achieve the modernism. The most obvious character of information is opening, which means more possibility for learning. The education will not be limited by the time and space, and the communication between tutors and students will be more coherent. This opening concept will benefits the teaching course setting and teaching model selection as well, as the students could break up the boundary from major, time and region to access sufficient education resource. Meanwhile, the information construction relies on the internet technology that could promote the knowledge spread to achieve the information shearing. The information construction could realize the education resource sharing between different universities to increase the using efficiency. However, the revolution of information construction in private university facing the great challenges from different aspects, such as the lack of innovation, insufficient budget and isolation situation.

### 2. The Method for Improving Information Construction in Private University

In order to maximal the value of extension thinking in architectural design innovation, the architect should combine the logical thinking as well as illogical thinking to form a new thinking model. Meanwhile, the summary of effective thinking could present the extension thinking in the form of text or data [3]. Therefore, the extension thinking is the foundation of architectural design innovation, which could assist architect to break up the traditional design method. The modern design theory and method has been applied to make up the shortage of inspiration during design process. The conduction though and rhombus though are two widespread applied extension thinking

in architectural design innovation.

## 2.1 Establish Information System

Considering about the lower base of private university information foundation, the establishment of information system is supposed to begin from entirety to detail. Generally, the holistic information platform should be set up firstly, and then the different aspects should be distributed into different stages. However, based on the sufficient fund and current information level, the information method is the most urgent issue to be solved. This measurement has quick return that could be easier accepted by teachers and students [4]. After the private university realized the importance of information construction, the method could transform into an organic system further to layout the information construction in current private university. This progressive method is the most suitable choice for information system establishment in private Chinese university, and it is the foundation as well. In summary, the system establishment should be supported by the method of information collection as the first step that followed by the information conceptual for teachers and students.

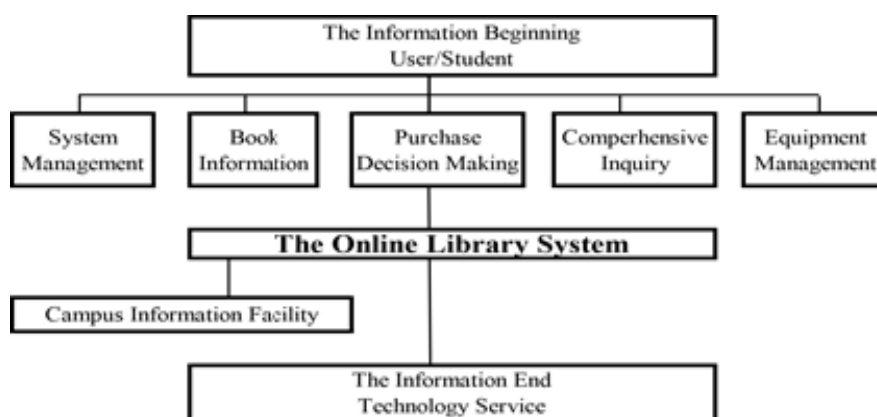


Fig.1 : the Information Management System of Online Library

## 2.2 Focus on Innovative Talent

The talent is the key point for improving the information construction, so the private university should establish the talent training and introduce system based on actual requirement. It is necessary for the teachers in private university to possess the awareness of the information concept and thinking, and taking fully advantages of modern technological skill to improve the information construction. The education resource applied in information construction including the form of course, self-learning, teaching method and the accessibility of resource. The education resource of private university should not be limited in the textbook, and the students should be encouraged to use virtual library, online course and mock lab to achieve the innovation of information construction [5]. The specific process of online library has been demonstrated in figure 1. The final service object of information construction is student, so the student is the most important standard to evaluate the successful of information construction. As a consequence, the students should be encouraged to participate into the modern information construction for private university and the feedback about experience, obtaining, suggestion have to follow up, in order to keep the energy and the ability of continuous developing. In addition, the autonomous aware of learning could be cultivate, and the centre point of learning transform from teacher to student. The ability of handling and collection information is the basic requirement form creative talent, and the innovative talent plays the key role for the information construction in private university.

## 2.3 Multi-Approach of Education Resource

The core of education information construction is the resource database establishment, which is a long-term and tough task for private university information construction. On the one side, the private university should encourage the teachers and students to extend the channel of information access. The main approach of information collection includes the internet platform, application

system and the digital resources [6]. On the other hand, the population of internet provides various approaches for effective and sufficient information access. The online platform provided private university information construction includes both information service system and application support system, and the specific classification has been demonstrated by figure 2. Through the online platform, the education resource could be accessed by online course, distance teaching, internet library and the mock lab. The private university should attempt for the integration of various kinds of information, because one of the most extraordinary character of online education is sharing. The multi-approach of education resource by information sharing could save the limited fund and guarantee the quality, and provide the professional information management for both teacher and student.

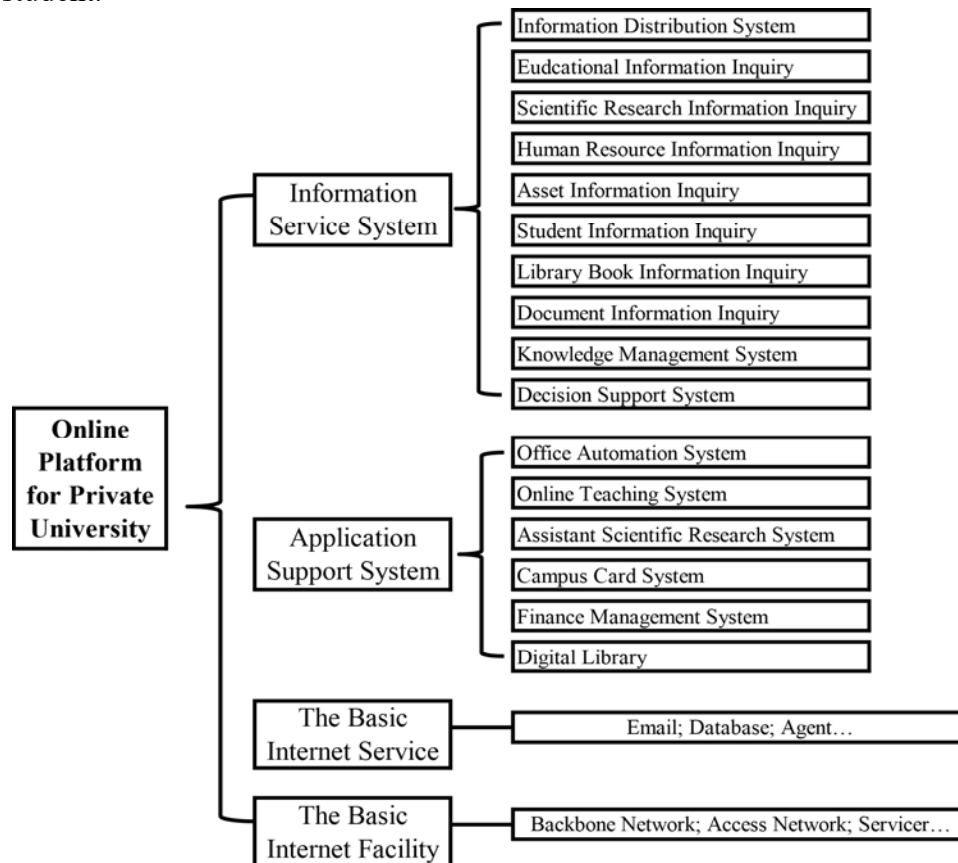


Fig.2 : the Specific Classification of Online Information Platform in Private University

### 3. The Evaluation System of Information Construction in Private University

The above paragraphs proposed sufficient and concrete suggestion for information construction in private university that includes the management system, innovative talent and education resource. Meanwhile, the relevant evaluation system for information level is necessary with the objective and accurate judgments. Differing from the public university in China, the information construction in private university in the early phases that lack of reference, and the number of existing evaluation system is sufficient while the discussion about reasonable is missing [7]. To achieve the expecting evaluation outcome, the indexes have to be brief but accurate, which means the information level should be covered by few index. Besides that, the indexes have to connect with character of information construction in private university. However, all the indexes should be considered comprehensively to generate a direct outcome. Different index should be calculated by different proportion during the final outcome presentation. The reasonable evaluation index is the foundation of the objective evaluation system. With fully consideration of the characters of private university and the recommendations provided before, the evaluation system will be established from the facility, application, management and guarantee those four main dimensions.

Table 1 : the Indexes for Information Evaluation System of Private University

Dimension	Index	Quantitative
Facility (30%)	Student's Information Facility	12%
	Universities' Information Facility	12%
	The Speed of Internet	6%
Application (30%)	Distance Learning	5%
	Digital Campus	5%
	Online Library & E-Lab	4%
	Multimedia Assisted Teaching	8%
	Multimedia Software Teaching	8%
Management (25%)	The Standard of Information management	5%
	The Number of Staff for Management	5%
	Office Automatic Management level	5%
	The Information Training System	10%
Guarantee (15%)	The leadership of Information	5%
	Internet management & Safety Level	5%
	Long-term Information Planning	5%

After deep research about the information construction characters, a quantitative evaluation system with four dimensions has been established. The importance proportion of each single index refers to the previous study, and some of the index is refer to the data in public university. There are 15 indexes to evaluate the information construction, and each index have sub-index which has not been shown in Table 1. For example, the students information facility that takes 12% importance including the percentage of obtain and the percentage of using [8]. On the other hand, the students' information facility should consider about all the type of information facilities, such as laptop, computer, smart phone, and all other equipment could access to Internet. However, the accuracy of the evaluation outcome relies on the quantity of sample, and the importance proportion should be adjusted by current situation in each private university. The evaluation system could only work as a guidance, all the indexes and importance proportion should combining with the real situation during evaluation.

#### 4. Conclusions

The education information construction is the future trend for private university, and it should be a long-term, continuous and dynamic process. The positive investment is not limited in the facility but also focus on the information sharing to put forward the information construction. The information construction in private university could improve the education quality, inspire innovation, and promote the practical ability, which could benefits the comprehensive development. The effective suggestions for information construction are innovative talent cultivation, information system establishment and multi-approach education resource. The evaluation systems with 15 indexes consider about the facility, application, management and guarantee those four dimension which has close connection with the above suggestion. However, with the increasing quantity of private university, the importance of reasonable suggestion and accurate evaluation for information construction should be paid more attention during later studies.

#### Acknowledgement

Research on informatization construction of private colleges

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