Research on Informatization Literacy of Medical Students
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Abstract. Based on the literature research and analysis, this paper puts forward the development framework of literacy education of university information, based on the education practice of the information literacy of medical universities in China and abroad. Through the development of architecture, we analyze the existing research requirements of the information quality education in research corpus. This paper analyzes the information literacy definition and existing main index system of university information literacy abroad.

Introduction

In the 21st century, mankind has entered a new historical stage. Science and technology, especially information technology, are developing rapidly, and the Internet and digital wave have swept the world. A new economic form, the knowledge economy began to trend. Knowledge and information are playing an increasingly important role in the society, and the information environment of the social network is undergoing great changes from the following aspects.

The status and role of information are increasing day by day. The total amount of social information is soaring, information exchange is fast and the form of information is constantly changing. The change of social information environment has brought the demands of the society to a new level, and the information quality has become one of the essential qualities of modern talents. [1]

Students are the main force of the future talents of our country and undertake the task of modernization construction. Cultivating college students' information quality is conducive to training their self-learning ability, innovation ability and research ability. And these are the most important qualities of knowledge. Therefore, their information quality will directly affect the pace of socialist modernization in China.

The Definition of Literacy

The so-called information literacy ability refers to a series of abilities required by information literacy. It is the pressure that college students must have after information literacy education. Information literacy in the United States BBS in the annual report, with information cable to raise students should have the ability to compare the detailed description: "understand their information needs, admits that complete and accurate information is the foundation for wise decisions. [2]

Systematically raise questions on the basis of information requirements. Concrete ability to identify potential sources, can develop successful retrieval strategies, can retrieve information sources, including computer based and other technology based on the information source, has the ability of evaluation information, for the practical application and the information organization.

Ability to integrate new information into existing knowledge systems is an important ability. They can use critical thinking to use information and solve problems. The definition of quality education is diverse, but personality development and all-round development. Information quality education, as an aspect of the whole quality education system, its fundamental purpose is necessarily also promote the individual's physical and mental development, in particular, it is an information based society
environment, cultivate and improve the individual's information consciousness, information idea, information subject consciousness, only the foundation of education. [3]

As the new education key information, education is not limited to the category of information professional education. It is the basis of education, which is the basis of education. Information quality education is a whole life education. In the individual development stage, information quality education is indispensable.

**Information Queries are a Key Step**

Based on the index system of development, through the definition of information literacy at home and abroad for reference, the index system of information literacy ability, reference to Chinese national education committee, the ministry of education in colleges and universities library intelligence work issued by the steering committee on information literacy education in colleges and universities of guidance documents, and combining with the present situation of university library information literacy education in China, established the index system of Chinese colleges and universities information quality and ability of preliminary. [4]

This paper introduces the information type on the Internet, so that students have a general understanding of the distribution of online information. Online information though scattered disorderly, but its distribution or is there a general rule, if basically with timeliness, electronic journals, electronic newspapers, dynamic information, bibliographic database and so on four kind of information. In terms of form, text and non-text messages (sound, image, animation, etc.).

**The Classification of Students' Information Literacy Ability**

According to the degree of processing, the original information and index guide (for network information address) can be included. Its original information part and printed the ten sources of similar, but due to the particularity of the network transmission, there are specially applicable to the distribution of the information on the network, it generally should include the following categories: book information (including catalog and list of publishers publishing institutions), Journal information (including electronic journals and copies of articles), meeting information, patent information, government publications information, information provided by universities, research institutions and academic groups, information provided by commercial companies. [5]

Information contained in the newsgroup and communication discussion groups. Information provided by libraries on the Internet. Online information provided by the commercial online retrieval system. [6] There is also information provided by professional information service providers. Just to introduce these types of information, you need to know which information services are available in each type, and which sites can get the information you need most. A query tool for online information is introduced. Through the above introduction, students have been able to understand the information type of online distribution, so information can fully reflect its value through exploitation and utilization, in the process of online information development and utilization. [7]

**Online Information Classification**

To carry out effective information query, we need to use a certain query tool to use the good search strategy. Online query tools should be applied to different query objects. Generally speaking, the user searches for information on the Internet, first of all to know the URL of the information source, and the tool of checking the URL has two main categories, namely, the theme guide and the search engine. [8]

Thematic guides reveal information in a thematic hierarchical list, which makes the previously undefined information needs clear through a list of layers. Similar to traditional menu retrieval, its accuracy rate is high, but its timeliness is not strong. Search engine was conducted by typing keywords retrieval access, using the automatic search and search tools distribution in each
information site, therefore the recall rate is very high, timeliness is strong. [9] It is a tool for users to rely on. At present, there are many search engines, hundreds of them, even if there are dozens of them commonly used, which can help the development and utilization of information resources. [10]

The Unified Standard of Literacy

There are many online search engines, and each search engine covers the range, depth and breadth of the indexing. The retrieval method and retrieval language are not the same. Therefore, it is necessary to introduce several important search engines selectively, using principles, methods and USES. From the use and test of others, at least 5 kinds of objects should not be ignored, so they should be introduced to them, including their search words, phrases and case requirements. [11]

The classification of information literacy ability is not only the guide to information literacy education, but also the basis of the information literacy education, and the principle of evaluation of students' information literacy ability. In the American teaching research, a research classification is developed to describe different levels of information literacy.

Summary

From a large number of research results can be found in the abroad, no matter how to define the information literacy, in the process of lifelong learning and from information to knowledge, and wisdom in a wide range of information flow, the focus of the information literacy ability mainly focused on such five kinds of ability, including understanding the information needs, knowing how to find and retrieve information, learning how to evaluate information - determine the authority, reliability and correctness of information, knowing how to organize, analyze and synthesize information.

References


