



## THE ESSENCE OF ELECTRONIC TEXTBOOKS IN MEDICAL EDUCATION

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<b>Received:</b> 4 <sup>th</sup> February 2022	In this article, taking into account the obsolescence of traditional teaching methods, their use in education using ICTs and software tools, as well as the purpose of achieving the goal based on observations and analysis.
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### INTRODUCTION

The tasks set by the state and the government on the basis of modern requirements are to improve the quality of workplace automation services, create an electronic database, create a fund of electronic resources, organize their wide and effective use in the future. which requires us to acquire excellent theoretical and practical knowledge from young people. Their web pages are a means of promoting the activities of medical institutions in the organization of the effective use of electronic databases, increasing the effectiveness of the use of electronic databases. Recently, a competition has been launched to create multimedia, animated electronic database sites in medical institutions of the country, taking into account the requirements to improve the quality and efficiency of customer service. While many of them are superior in one way or another, they still need to be reworked and changed. Therefore, we focused on the analysis of existing sites in our country, as well as the ease of use of programs that need to be created in the future. Coverage of issues of creation and storage of electronic documents in medical institutions of the country, the formation of a database on this topic and the development of a policy for the use of this database will serve as a modern basis. The main task is to provide timely information to the users of medical institutions in accordance with modern requirements and to convert them into electronic form. One of our goals is to further enrich the database with information on electronic documents. An electronic document management system is a set of devices and programs that allow you to effectively organize the processes of creating, storing, manipulating and placing electronic documents. Life itself, with its unparalleled advances in science and technology, has shown us the convenient ways to quickly create, store, transmit, and access information in a new, advanced way. The widespread introduction of information technology in medical institutions proves that the method of obtaining electronic information is much more convenient than the method of obtaining printed information. The number of users of the database is growing day by day due to the simplification of access to information. Today, the electronic database is widely used by scientific and technical information institutions, scientific and educational communities, editors of publishing houses and magazines, organizations using the Internet, archives, museums and researchers.

The novelty and uniqueness of information and communication technologies is that in terms of human development, they can penetrate into almost all areas of human activity, and can be used for an unlimited number of purposes and purposes. Therefore, information and communication technologies allow us to overcome obstacles in the process of human development with unprecedented efficiency in three areas:

1) Overcoming obstacles in the way of acquiring knowledge. The use of information is important for shaping human potential for learning. If education leads to the development of cognitive skills, information will be needed to provide a meaningful aspect of the knowledge acquisition process. The Internet and the World Wide Web are the same information retrieval channels for people of all walks of life.

2) Removes barriers to participation in social life. The ability to communicate with the world through the Internet has enabled the spread of many global civic initiatives in recent years. For example, feedback in the education system.

3) Removes barriers to economic growth. Information and communication technologies and related fields, as well as the education system are the fastest growing sectors. New information technologies will dramatically expand access to information and communication. E-mail, e-libraries - sites provide unlimited opportunities for the education system, break down any barriers, provide access to educational and scientific information from anywhere in the world.

Information and educational activities. The globalization of the education system, from seminars to terrorism and religious extremism, has increased the importance of information and educational opportunities. New information

technologies allow science and education to be linked to closer and more effective channels, such as conveying, supplementing, and re-evaluating accumulated knowledge. Today, science is the main, dominant tool for the development of the education system. This has not always been the case, and advanced information technology has changed the importance of science in the education system. Society creates a new scientific structure, not only with the development of science itself, but also with the system of education and training. There are now about 3.5 billion unique web pages on the Internet, and 7.3 billion new ones are added every day.

Today, the number of wireless Internet connections, including mobile phones, has exceeded the number of personal computers connected to the Internet. Today, the volume of e-commerce in the world is 233 billion dollars. As the number of users grows, information technology is limited only by the capabilities of the human imagination. The problem of educating a well-rounded, well-rounded person requires the education system to form in the younger generation a desire to acquire not only the achievements of national culture, but also the achievements of universal culture. The idea of educating a harmoniously developed person is one of the priorities of national independence.

Improving the quality of education is the task of raising the level of spiritual and ideological education of young people. The implementation of the national training program must be based on new information technologies. Civil society cannot be built without encouraging the education system. The education system should be a continuous process, not a static system of closed perspectives. To ensure the development of our independent Republic, the education system must be dynamic and perfect.

In order to develop modern computer and information technologies, widely introduce them in all areas of science and education, increase the level of training of highly qualified programmers, introduce international information systems, including expanding access to the Internet, 9 Presidential Decrees, 18 government resolutions and more than 45 other normative legal acts were adopted. Including information and communication technologies Resolutions of the President of the Republic of Uzbekistan: PF-3080 of May 30, 2002 "On further development of computerization and introduction of information and communication technologies", June 2, 2005 "In the field of information technology Resolution No. PP-91 "On improving the system of training", Resolution No. PP-117 of July 8, 2005 "On additional measures for further development of information and communication technologies", Resolution No. PP-191 of September 28, 2005 "On the establishment of the public educational information network of the Republic of Uzbekistan"; Resolution No. PQ-1730 of September 20, 2013 "On measures to further strengthen the incentives for software developers in the country" Resolution PQ-2042 of the President of the Republic of Tajikistan

Also in the fifth paragraph of the second chapter of the strategy "Digital Uzbekistan - 2030":

- popularization of information technology among young people, as well as the development of skills in the use of digital technologies among all segments of the population;
- introduction and development of distance, online and virtual learning technologies in the field of information technology, development of platforms for online courses;
- In order to increase the overall level of use of digital technologies for students and pupils, tasks such as making changes to the basic curricula of secondary schools are identified.

Distance learning online is a tool for distance learning and course creation via the Internet. The system has the capabilities to teach students, create courses for teachers, and monitor and conduct courses. It is designed for distance learning in educational institutions and centers, as well as for distance learning and retraining of specialists in private enterprises. It consists of the following systems: Recording, creating and editing distance learning courses, teaching communication and news.

With the help of the system, the teacher can create, edit, constantly update and maintain distance learning courses, admit students to and from the course.

With the help of the system, the student has the opportunity to study individually, regardless of time and place of residence. Typically, students learn by reading, completing assignments, observing, sharing experiences, making and correcting mistakes, thinking, and so on. This allows the student to interact individually with the teacher and with other students. Online reading includes announcements, off-line and on-line discussions. This allows teachers and students to discuss general questions and each student's questions. The student works individually as well as collaboratively. Each student has a common and individual goal. These are just some of the goal setting shareware that you can use. The implementation of distance learning, especially through the Internet, has shown good results and has eliminated or significantly reduced the time and financial barriers to disseminating information on the Internet, which is of great importance for the education system. The website needs constant development and allows for step-by-step updates. Internet technology allows you to get statistics of visits to each Web site. [3] The following are the requirements for distance learning materials.

- The content of science meets the state educational standards and learning objectives;
- ensure independent learning;
- contain sufficient information on the subject;
- provide practical exercises and experiments in science;
- interaction with other disciplines;
- self-assessment, etc.

Creating teaching materials for distance learning is a complex process that involves a number of professionals in a variety of fields. These include science teachers, psychologists, programmers, computer graphics specialists, and

web designers. It is also advisable to use the achievements of modern pedagogical technologies in the creation of teaching materials.

Educational-methodical materials created for distance learning are used to develop students' independent preparation skills, to combine the acquired knowledge with practice, to conduct education in harmony, serves to strengthen knowledge.

Today, html, css, PHP, MySql and javaScript technologies are widely used to create web pages. Although the program uses different methods of languages, they have one thing in common. It is possible to add the codes of these programming languages in the html language, and the existing parts of the represented website will be in a dynamic state.

Using the modern programming technologies listed above, we can organize a reliable distance learning using the Internet.

At the same time, the distance learning system is developing. No matter what field a modern specialist works in, he demands that he be aware of the events and happenings in his field and constantly improve his knowledge. At the same time, the introduction of new technologies in the educational process creates a wide range of opportunities for distance learning to increase and improve its effectiveness. In general, distance learning is an advanced form of education, which is based on modern information technologies for the exchange of information between the "student and teacher".

### CONCLUSION.

In conclusion, telecommunication based on modern computer-based communication provides students with a higher level of distance learning than traditional teaching methods, accurate delivery of text, graphics, animation, and a variety of educational materials. There is a possibility.

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