

GENERAL STRUCTURE OF MANAGEMENT SYSTEMS AND DISTANCE EDUCATION SERVICES IN THE MODERN INFORMATION SOCIETY

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Annotation. In this article, the widespread introduction of information technology into the distance education system in the modern information society, which is important for increasing the effectiveness of online distance education courses, the functions of the Internet and distance education courses are the same for institutions in all countries. Levels of success, developing a clear approach to explaining the work required for employee and manager success and presenting it through social media management systems; conduct multi-level research in the field of strategic management of educational technologies and communication centers, taking into account the important factors of distance learning in higher education institutions; is to examine the appropriateness of the organizational function of educational technology centers in higher education institutions.

Key words: information society, distance education, Internet, virtual memory, pedagogical basis, user, student, protection, database, teacher, communication.

Introduction. In distance learning, the teacher and students communicate remotely using the Internet as the main source of communication. The main means of communication are payment for lessons, educational materials, assignments in various forms, and a document on completion of education. We can find systematized distance education together with centralized management. Figure 1 shows the general structure of distance education [1].

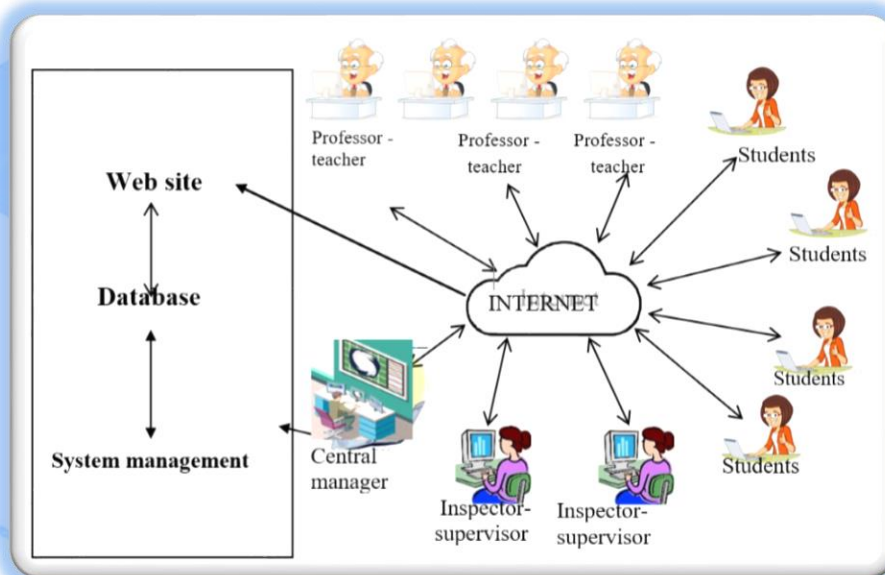


Figure 1. Model of centralized management of the distance education system

The student will receive a document such as a certificate or diploma for paying for training sessions, as well as for participating in training courses and completing assignments given in the courses. The student uses two types of services to obtain a document.

1. By prepaying the cost of distance learning, you can receive a certificate or diploma upon completion of the course.

2. Educational materials are distributed free of charge, but fees are charged for exams, completing assignments, obtaining certificates and diplomas.

LITERARY ANALYSIS AND METHODOLOGY. Many e-learning experts and scholars admit that this is a simplified version of the teaching method [1,2,3]. The use of innovative information and communication technologies raises questions about the effectiveness of distance education compared to the traditional classroom format. Currently, the subject of much debate is whether the proliferation of online courses and the use of this technology has replaced the traditional classroom format. When studying distance learning, researchers make connections between external factors (computer efficiency, technological factors, instructional design, and teacher quality) and what are classified as distance learning acceptability factors (ease of use and perceived benefits indicate that they exist). difference [3.5]. Technical challenges and low technical skills of students are some of the biggest obstacles researchers face in online learning.

Distance learning is one of the new areas of education, an approach to learning widely used in academic institutions. Most of the training takes place online. Distance learning technologies allow teachers to remotely provide learning resources to course students. It can be used in educational technologies themselves or in online pedagogical methods [2].

When done correctly, online learning is directly linked to Internet technologies that provide access to content and learning tools arising through human-computer

interaction, such as online conferencing and email communication, which can facilitate the development of detailed and complex understanding.

Advantages of distance education:

- 1) receiving information within 24 hours;
- 2) modern materials;
- 3) self-education;
- 4) individual courses;
- 5) economic efficiency.

Distance learning helps explain why higher education institutions today have success factors within their online learning strategies.

Distance learning materials are essential for successful institutions. Successful and sustainable implementation requires an effective combination of pedagogy, technology, resource management and other factors.

Studied features of distance education systems:

- 1) protection of intellectual property;
- 2) compatibility with the electronic learning environment;
- 3) offer some educational resources that will help departments and universities develop an online environment, such as creating e-learning.
- 4) content of the e-learning course;
- 5) provision of an electronic training course;
- 6) virtual e-education platform;
- 7) measure and evaluate the success of the e-learning course.

E-learning quality indicators to create the pedagogical foundation or necessary conditions for success.

- 1) Introduction of electronic education;
- 2) institutional support;
- 3) course development;
- 4) learning and teaching;
- 5) studying the content of courses;
- 6) support and assessment of students
- 7) support and evaluation of teachers

Factors for assessing the quality of online education are the following:

- 1) access;
- 2) learning and performance;
- 3) student support;
- 4) economic efficiency;
- 5) teacher satisfaction;

E-learning performance according to student understanding.

- 1) characteristics of teachers (teaching style, attitude towards students, management technologies, etc.);
- 2) characteristics of students (motivation, technical potential, content, perception, cooperation in interaction, etc.);
- 3) technological infrastructure (ease of access, Internet speed, screen design, etc.);
- 4) support of the institute (technical support, availability of a computer, access and printing of educational materials, etc.).

Resources supporting e-learning include:

- 1) human resources;
- 2) computer and Internet technologies;
- 3) sources of e-learning content;

Indicators of success of the e-education system

- 1) media and technology;
- 2) establishment and management;
- 3) design training;
- 4) supporting factors;
- 5) assessment components.

DISCUSSION AND RESULTS. Collection, processing, as a system with a single database of registration of administrators, guest users, teachers, course participants and students who have completed courses available in the distance education system, consists of providing users with the system in the required format. The more information in the table, the easier it is to get statistics and the more difficult it is to register. Table 1 shows the process of obtaining the necessary information by students.

Table 1. Information required to study one of the courses

According to the system, the question that is asked	Choice	Free choice
Sheriff of a family business.	-	Entry by passport necessary.
Floor	1. (Male) 2. (Female)	-
Just born	-	Year, month, birthday
Knowledge of languages	-	Languages you can speak required to write
Financial situation	1. Poor 2. Medium 3. Rich 4. Very rich	-
A place to study if he is studying his profession	-	The workplace is displayed

As can be seen from the above details, there are many factors that influence the success of online education implementation, which can help higher education institutions improve the effectiveness of online education implementation.

Institutional Governance Institutional governance is critical to the success of any level of government. These are business-oriented processes that are forward-looking and focused on issues affecting the organization (for example: business administration, academic affairs, student services, etc.) [5, 6].

Online learning courses require careful curriculum planning, including the following elements.

Educational environment. An online learning environment is a place where students access online resources, use online courses and communication systems, receive teacher support, and receive assessments. People learn best in a learning environment that is supportive, comfortable and relaxed. Thus, the learning

environment should be comfortable in all aspects such as physicality, trust, respect, support and freedom. At the same time, the online learning environment does not have a significant impact on learning outcomes, but has the potential to create an appropriate learning environment within an online learning course.

Course management system. Facilitates student registration, online course content delivery, tracking and testing. It can also allow you to manage training sessions conducted by teachers. Provides a set of tools and templates that make it relatively easy for an instructor to create online course content and then teach and manage that course, including providing a variety of interactions with students in the course. Contains z.

Technical infrastructure. Technology plays an important role in achieving learning outcomes as students need to be more interactive in the online learning environment to be successful. The university must have quality supporting technologies with up-to-date and relevant data to deliver online courses [3,6]. It is necessary to ensure that access to training is as simple and easy as possible to make the work of students easier.

Interactive training. An effective online learning environment requires some form of interaction and collaboration between students and between students and teachers. He distinguishes three types of relationships:

- 1) students interact with each other;
- 2) interaction between students and teachers;
- 3) interaction of students with the external environment.

At the same time, interactive learning should be consistent with the learning goal of increasing students' engagement in learning activities, such as the proper use of multimedia to ensure interactive learning.

Access and navigation (interface design) are technical supports that facilitate communication and learning activities within an online course. Students can easily log in to enhance their learning experience in the online environment, such as getting instant access to a website. Requirements for admission to the course are compliance with system policies. In addition, navigation refers to a virtual structure that helps students quickly find programs and content. Online course design should have consistent on-screen navigation and be simple. They are related to the look and feel of online learning, which requires user-friendly interface design such as pointers or labels leading to useful information [4,5,6].

Educational design. Teaching and learning assignments, assignment options, interactive course, learning styles, multimedia tools, technology and more for online learning. As a teacher, the responsibilities of a course assistant include the following elements:

Clarify your goals. Like any other approach, the goal of online learning is to achieve learning objectives. Therefore, at the initial stage of an online training course, there should be clear learning goals and objectives. Students should be able to easily access the curriculum and include program information that guides the use of program content and tools. Additionally, a clearly defined learning path is a necessary structure to allow students to choose their own path and reflect their learning needs. related to students' skills and achievements, assessment styles and conditions, what students want to learn and what they will be able to do at the end of the course.

Quality of content. The issue of content provides a solid pedagogical foundation. Well-designed and selected course content and learning materials facilitate the meaningful learning experience (e.g., accuracy, completeness, ease of understanding, timeliness, relevance, and consistency) needed to implement online learning materials. The quality of the content of texts, images, videos or other images conforms to generally accepted standards of semantics, style, grammar and knowledge.

Learning strategies. Educational institutions have a wide range of strategies to support teaching and learning. In particular, the teacher plays a key role in creating the effectiveness and success of distance learning courses that support the principle of “student-centeredness.” For example, a learner is a user who manipulates information on a screen and also enters information when performing a learning activity. Therefore, systems must prepare teachers in a variety of ways to encourage them to teach online courses.

Help Desk. It is best to create a student help desk. The online course provides access to useful resources. This includes offline and online resources.

Support is not only an electronic manual, but also an opportunity to help students who ask for direct help, such as terminology and dictionary. In addition, human resources such as expert users and trainers should be available to provide technical support and advice [7,8].

Course evaluation is an assessment of progress in online implementation. All stages provide an online measure of quality assurance.

Assessment is an important factor in quality online learning and process assessment. Course assessment includes a formative assessment in project management and a summative assessment in the implementation plan. To ensure that distance learning systems achieve course objectives, the evaluation process must cover all aspects of the online course [9]. This is the final step to ensure that online learning programs are not a barrier to learning.

CONCLUSION. Distance learning is quickly becoming a popular learning method among students around the world. This trend is also noticeable in schools and universities, with several distance learning institutions of higher education emerging that are using online learning to support their academic activities. If an organization wants to succeed, it is necessary to determine the direction of the online course that should be implemented.

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