



THE ROLE OF INFORMATION COMMUNICATION TECHNOLOGIES IN MANAGEMENT

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<p>Received: February 20th 2023 Accepted: March 20th 2023 Published: April 28th 2023</p>	<p>The place of digital technologies in the modern economy is now becoming increasingly obvious. Information and communication technologies are widely employed in a variety of industries, including banking, government, business, healthcare, and security. This suggests that contemporary information and communication technology have been fully and consistently incorporated into all facets and regions of our society. In light of this, numerous projects aimed at bringing modern technology to our nation are in progress. This suggests that the wide implementation of modern information and communication technologies in our society, as well as its application in practice, provides an opportunity for the wide introduction of digital technologies in all spheres. This article provides feedback and feedback on the role of Information Communication Technologies in management.</p>

Keywords: management, information, technology, communication, tools, digital economy, development, strategy.

Shavkat Mirziyoyev, the president of the Republic of Uzbekistan, stated: If we do not transition to the digital economy, we will fall behind. A national concept of the digital economy must be created, one that calls for the modernization of all economic sectors using digital technologies. We must implement the "Digital Uzbekistan 2030" initiative on the basis of this. Studies of the population of Uzbekistan with access to the World Network are presented in the draft resolution. In particular, it is intended to set up at least 800,000 broadband Internet ports and construct 12,000 kilometers of fiber-optic communication lines this year. To expand broadband networks on the internet, about 340 thousand subscribers received telecommunication equipment. Telecommunication devices distributed by regions were installed by specialists. Today, 281 thousand port devices are installed.

Management special management activities; Management Science. The state of management affects the efficiency of production, the level of technology and technology, as well as the quality of the labor force. The content of Management Science is the interaction between the management system and the object of management, the main task of which is to study modern methods of management, the secrets of the art of leadership. Its main goal is to train highly qualified managers who can work in all joints in the conditions of market relations. Management is associated with socio-economic, socio-legal, cybernetics and other sciences. Management is initially closely related to the science of economic theory.

The President's decision on April 28, 2020, "measures for the widespread introduction of the digital

economy and e-government," was adopted in accordance with the tasks outlined in the state program on the implementation of the strategy of actions in five priority areas of development of the Republic of Uzbekistan in the "year of development of science, enlightenment, and digital economy" for the period of 2017–2021. Currently, 1,148 additional base stations have been set up and put into service around the nation. As a result of the base stations in 1 483 institutions being modernized, broadband Internet services could be provided. Within the framework of telecommunication network development projects, 6.5 thousand kilometers of fiber-optic communication lines were laid at the planned facilities. Work on this is underway, says kmal Arifjonov, head of the Department for the development of telecommunications infrastructure of the ministry for the development of information technologies and communications. The next important step on the path to digitalization is the creation of an IT Park.

According to the Cabinet of Ministers resolution of January 10, 2019, "on measures to arrange the technological park of software products and information technologies", the Technopark was founded. It Park is a special location where creative and active individuals working in the field of information and communication technology have a genuine opportunity to convert their ideas into successful commercial ventures with the aid of marketing, legal, accounting, and education departments. Technoparks of this type were built in other parts of the Republic as a result of the capital's it park's successful operation. This year they opened in Andijan at the end of may and in Margilan at the



beginning of June. In 2020-2024, technoparks will be opened in all regions of Uzbekistan, first of all in the cities of Nukus, Bukhara, Namangan, Samarkand, Gulistan and Urgench, as well as in the school named after Muhammad Alkhorazmi in Tashkent.

According to statistics, the demand for specialists in the field of Information and communication technologies in the Republic is growing rapidly, as a result of which the lack of personnel in the industry can have negative consequences for both the private sector and effective public administration. The rapidly growing demand for qualified IT specialists, accompanied by their lack, leads to an increase in the level of remuneration of specialists in this area. It is vital that Public Administration agencies have access to qualified specialists. In this regard, our nation is currently implementing the mega-project "one million programmers". On June 8, 2020, President Shavkat Mirziyoyev gave a presentation on the ongoing reforms in the field of information technology and the growth of the digital economy. In it, he noted that the training of a new generation of specialists can help the field quickly advance toward its goals.

Therefore, by the end of 2020, it is necessary to attract 100 thousand people, and another 150 thousand - to study in the first half of 2021. In schools, instructions were given to improve the teacher from the 5th grade of the subject "Informatics", to introduce subjects from the project "one million programmers" into his program. On March 17, 2020, the President's decision "on measures for the widespread introduction of digital technologies in Tashkent" was adopted. Among the tasks set by this decision, it was envisaged to attract residents of the It Park, which United 377 local enterprises to implement the complex program "Digital Tashkent". The program is aimed at digitizing the management of urban services, creating an integrated information environment of objects of the social sphere, production, Road transport and municipal infrastructure, and then distributing successful experience to other regions of the Republic.

We can fully alter the management information process technology in exchange for the created software tools. To put it another way, the enterprise entails ensuring the quickness and accuracy of information reflecting the state of affairs in the operations of institutions and organizations, simplifying data recording, speeding up the search and grouping of necessary messages, improving information storage, minimizing the labor required from a person to prepare reports, and enhancing the quality of interconnection and information flow between economic links. The major objective of developing such systems is to create a single interactive system that will enable the enterprise to automate information operations, making

centers and staff members of institutions and organizations more convenient.

On the basis of automation of information processes, it becomes possible to use methods for solving planning, design and management issues. The difference between the digitization of management work from traditional control systems based on the manual execution of Information Processes is that the basic instructions for organizing the creation and use of this system will be expressed in the form of special rules. Mechanization of processes at certain stages of management does not reduce labor, which goes to the preparation of information on solving the issue. In this case, the violation of parallelism in the input and output of information, the preparation of samples and software hardware causes difficulties in the use of software and technical means of processing information.

These challenges include delays in the availability of management-related information, the quick completion of planned tasks, and the problem of long-term forecasting the future based on operational and real data. We can achieve the highest results as listed above by building a software system within the direction of each department, organization, and institution in the educational system. As a result, both the management system and educational growth will expand.

The digitization of the management process is also effective in that, firstly, the issues of accounting and management are resolved within a single complex, and secondly, the path of action of information, that is, it is completely covered from primary information to management information embedded in one system. There will be a single mathematical model of the system of digitization of the control process, that is, a set of interconnected mathematical models of different levels. On the basis of this set of models, the issue of automatic optimization (optimization) and planning in the system is put and solved. The productivity of this system is achieved thanks to the automatic execution of all actions. Automation of management work is of the type of organizational economic system of management. Automation of management work is a complex system that embodies fundamental systems in its structure.

IN CONCLUSION, this system is a component of a system that is divided based on distinct indications and that reacts to particular management goals and issues. It can be seen as a different system within the context of these problems. The primary areas addressed by the Digital Tashkent initiative in 2022–2023 included education, health, public utilities, public administration, tourism, trade, construction, and environmental protection. In the present, electronic accounts are actively utilized in Uzbekistan for remote learning, electronic banking, and utilities. A list of electronic



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public services is also developed for citizens, ministries, and departments.

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