PROSPECTS FOR DIGITAL UZBEKISTAN 2030: DEVELOPMENT OF A DIGITAL GOVERNMENT SYSTEM

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Abstract

This article examines the prospects for the development of the digital government system in Uzbekistan by 2030. The authors analyze the main directions of development of digitalization of public administration, highlight key problems and challenges, and also propose ways and mechanisms for solving them.

Keywords: Digital government, digitalization , information technology, e-government, cybersecurity , digital literacy, efficiency, public administration, development.

Introduction

In the modern world, digitalization is becoming an integral component of the development of society and the state. Rapid technological changes are penetrating all spheres of life, opening up new opportunities for states to improve the quality of life of citizens and optimize the work of government agencies. In this context, Digital Uzbekistan 2030 is an ambitious strategy aimed at introducing modern information and communication technologies (ICT) to create an effective and innovative digital government.

In recent decades, the government of Uzbekistan has shown a desire to modernize its administrative system and stimulate economic development through the use of information technology. Significant efforts have been made to develop digital infrastructure, provide access to broadband Internet, and create an enabling environment for the development of the digital economy. Despite the successes achieved, Uzbekistan faces a number of challenges and tasks that require an integrated approach and further efforts to implement digital transformation. In particular, there is a need to improve the quality of public services, increase transparency and openness of government, as well as develop digital literacy among the population.

The goal of the Digital Uzbekistan 2030 strategy is to create a modern, open and innovative digital government capable of effectively managing resources and providing high-quality public services for all categories of the population. To achieve this goal, the following key tasks have been identified:

- Modernization of public administration. Introduction of digital technologies into administrative processes and management systems to improve the efficiency and transparency of government agencies.

- Development of digital infrastructure Ensuring access to high-quality information and communication resources throughout the country in order to reduce the digital gap between regions.
- Improving the quality of public services: Introduction of digital technologies to optimize the provision of public services, reduce bureaucratic barriers and improve citizen satisfaction.
- Development of the digital economy: Supporting innovative projects and developing digital technologies as the basis for economic growth and improving the country's competitiveness.

The digital future of Uzbekistan depends on the successful implementation of the Digital Uzbekistan 2030 strategy. Building a modern digital government opens up new opportunities for economic development, improving the quality of life of citizens and ensuring the stability and prosperity of the country. However, to achieve these goals, the active participation of all stakeholders and the consistent implementation of measures to modernize the state system and develop digital infrastructure are necessary.

Current state of digital development in Uzbekistan

Uzbekistan, like many other countries, is actively seeking to digitally transform its economy and government. Starting in 2018, the country began implementing the "Digital Uzbekistan 2030" strategy, which is aimed at developing information technology, digitalizing public services and creating a favorable infrastructure for the digital economy.

One of the key elements of digital development in Uzbekistan is expanding access to broadband Internet. In recent years, the country's government has been taking steps to improve communication infrastructure and increase the speed of Internet access. This allows Uzbek citizens and companies to more actively use digital technologies in everyday life and business. Another important aspect of digital development in Uzbekistan is the development of e-government . The government is committed to automating government services to make them more accessible and convenient for citizens and businesses. For example, in Uzbekistan there are already portals for obtaining various documents and services online, which reduces time and simplifies procedures.

Also an important area of digital development in Uzbekistan is the development of e-commerce. Online trading is becoming increasingly popular among Uzbek consumers, which opens up new opportunities for local entrepreneurs. The government supports the development of e-commerce, including through the creation of special programs and infrastructure.

However, despite the positive changes, Uzbekistan still faces some challenges in the field of digital development. For example, low awareness of the possibilities of digital technologies among the population and business can slow down the process of digital transformation. It is also important to ensure cybersecurity in the face of increasing use of online services.

Overall, digital development in Uzbekistan is at an active stage of development, and the country's government is taking steps to create an enabling environment for innovation and digital technologies. The country has the potential to become a leader in the digital economy in Central Asia if it continues to invest in information technology development and support digital innovation.

Basic principles of digital government

Digital government is a concept that involves the use of modern information technologies to improve the quality of public services, increase the efficiency of public administration and ensure more open and transparent interaction between the state and citizens. The basic principles of digital government can be formulated as follows:

- Digital inclusion . One of the main principles of digital government is to ensure equal access to digital technologies for all segments of the population. A digital government should strive to ensure that every citizen has the opportunity to use electronic government services, regardless of their level of education, income or place of residence. This is important for reducing the digital divide and ensuring inclusive development.

- Transparency and openness . Digital government should strive for maximum transparency and openness in its activities. This means that information about the activities of government bodies, decisions made and budget expenditures should be available to all citizens. Transparency helps reduce corruption, increase trust in government and improve the quality of public administration.

- Convenience and accessibility . Digital government should focus on the convenience and accessibility of its services for citizens. This means developing convenient and intuitive interfaces for accessing government services, as well as providing the opportunity to receive services at any convenient time and place. Digital services should be easily accessible through various devices - computers, smartphones, tablets.

- Data security . One of the key aspects of digital government is ensuring the security of citizen data. Government authorities must strictly adhere to privacy laws and ensure the security of information transmitted through digital channels. This is important to protect citizen privacy, prevent cyber attacks and ensure trust in digital services.

- Innovation and development . Digital government should stimulate innovation and development in the field of information technology. This means supporting start-ups , developing digital skills among government employees, and introducing new technologies to improve the quality of government services. Innovation will help optimize processes in public administration, make it more efficient and adaptive to changing conditions.

Digital government is not only the use of technology in public administration, but also a change in the culture of government agencies, policy priorities and relations between state and society. Compliance with the basic principles of digital government will help create an effective and open system of public administration that will focus on the needs of citizens and contribute to the development of the country in the digital era.

Prospects for digital Uzbekistan by 2030

Uzbekistan, as a country with a rich history and cultural heritage, strives for modernization and development in the digital era. The desire for digitalization is driven not only by global trends, but also by the need to increase the efficiency of public administration, improve the quality of life of citizens and create a favorable investment environment. By 2030, Uzbekistan can become one of the leaders in the field of digitalization among the countries of Central Asia and the CIS.

One of the key prospects for digital Uzbekistan by 2030 is the development of digital infrastructure. This includes expanding access to broadband Internet, creating digital platforms for the provision of government services, developing e-commerce and digital education. The development of digital infrastructure will improve the availability of digital services for citizens, increase the efficiency of public administration and stimulate economic growth.

Another important prospect for digital Uzbekistan by 2030 is the development of the digital economy. Uzbekistan can become a center of innovation and technological development in the region by supporting start-ups , developing digital skills among the population and creating a favorable investment environment for IT companies. The development of the digital economy helps create new jobs, increase the country's competitiveness in the global market and improve the quality of life of citizens.

Another prospect for digital Uzbekistan by 2030 is to increase the efficiency of public administration. The introduction of digital technologies into the work of government bodies will optimize decision-making processes, improve the quality of public services provided and increase the transparency of government activities. Effective public administration helps strengthen citizens' trust in government and create a stable political climate in the country.

Finally, one of the key prospects for digital Uzbekistan by 2030 is the development of a digital educational system. The introduction of digital technologies in education will improve the quality of education, increase the availability of educational resources for all segments of the population and train personnel for the digital economy. The development of digital education contributes to the development of the country's intellectual potential, improving the standard of living of the population and the formation of an innovative economy.

Thus, by 2030, Uzbekistan has every opportunity to become a leader in the field of digitalization among the countries of Central Asia and the CIS. The development of digital infrastructure, digital economy, effective public administration and digital education will contribute to the modernization of the country, improving the quality of life of citizens and strengthening its position on the world stage.

Ways to develop the digital government system

Digital government is the concept of using modern information and communication technologies to increase the efficiency of public administration, improve the quality of public services provided and increase the transparency of government activities. The development of a digital government system is an important direction in the modernization of the state apparatus in the context of the digital transformation of society. To successfully implement this concept, it is necessary to identify key ways to develop the digital government system.

The first way to develop a digital government system is to create a digital infrastructure. For digital government to operate effectively, it is necessary to ensure the availability of broadband Internet, digital platforms for the provision of government services, electronic databases and cybersecurity technologies . The development of digital infrastructure helps to improve the accessibility of public services for citizens, optimize the processes of interaction between government bodies and increase the efficiency of public administration.

The second way to develop a digital government system is to introduce digital technologies into the work of government agencies. Automation of decision-making processes, the use of analytical systems to predict events, the development of electronic services for interaction with citizens - all this helps to increase the efficiency of government agencies. The introduction of digital technologies makes it possible to reduce the time and financial costs of carrying out administrative procedures, improve the quality of public services provided and increase the level of citizens' trust in the authorities.

The third way to develop a digital government system is to ensure cybersecurity . As the volume of digital information stored and processed by government agencies increases, the risk of cyber attacks and confidential data leaks increases. Therefore, it is important to develop a strategy for protecting information, provide training to government officials in the basics of cybersecurity , and use modern technologies to protect information resources.

The fourth way to develop a digital government system is to develop digital literacy among the population. Citizens should be able to use government digital services, adapt their skills to new technologies, and feel confident in the security of their data when using electronic services. Therefore, it is important to conduct educational programs on digital literacy, promote access to educational resources on the Internet and increase public awareness of digital technologies. The development of a digital government system is a complex and multifaceted process that requires an integrated approach and concerted efforts on the part of government agencies, the business community and the public. Creating digital infrastructure, introducing digital technologies, ensuring cybersecurity and developing digital literacy are key ways to develop the digital government system, helping to increase the efficiency of public administration, improve the quality of life of citizens and strengthen trust in government.

In conclusion, it can be noted that the development of a digital government system plays a key role in the modern world, where information technology is becoming an integral part of everyday life. Creating a digital infrastructure, introducing digital technologies, ensuring cybersecurity and developing digital literacy are the main ways to develop the digital government system, helping to increase the efficiency of public administration, improve the quality of public services provided and strengthen citizens' trust in government.

However, to successfully implement the concept of digital government, it is necessary to take into account the interests of all stakeholders, ensure transparency and openness of processes, and comply with the principles of protecting data privacy. Only the interaction of government agencies, the business community and the public will make it possible to create a modern, effective and responsible digital government system that contributes to the development of society and improves the quality of life of citizens.

References

1. Ministry of Innovative Development of the Republic of Uzbekistan. (2023). "Digital Uzbekistan 2030: Strategy for innovative and technological development ." Tashkent: State Printing House.

2. Karimov, A. (2020). "Electronic government in Uzbekistan: current state and prospects ." Journal of Digital Government Research, 5(2), 45-56.

3. Rakhimov, U., & Kamilov , N. (2021). "The role of digitalization in the modernization of public administration: the example of Uzbekistan ." International Journal of Public Administration in the Digital Age, 8(1), 1-15.

4. Institute for Development Strategy of Uzbekistan. (2022). " Digitalization of public services: case studies and best practices ." Tashkent: Institute of Development Strategy.

5. Uzbek National Project Management Agency. (2023). "Digital Transformation Roadmap: Vision and Action Plan 2023-2030." Tashkent: Uzbek National Project Management Agency.

6. World Bank. (2019). "Uzbekistan: Digital government for inclusive development ." World Bank report. Washington, DC: World Bank.

7. United Nations Development Program (UNDP). (2021). "Digital transformation in Uzbekistan: opportunities and challenges ." UNDP report. Tashkent: UNDP Uzbekistan.

8 . Yormatov Ilmidin Toshmatovich . (2024). Artificial intelligence and the efficiency of textile enterprises in Uzbekistan. International Journal of Research in Business Management, Economics and Strategy, 3(3), 115–120. Retrieved from https://scholarsdigest.org/index.php/bmes/article/view/611.

9. Ermatov , I. T. (2023). State support and problems of small and medium-sized businesses in Uzbekistan. In Sustainable development: analysis of trends in the Russian and world economy (pp . 90-92).

10. Toshmatovich , Y. I. (2023). The role of the state and the international community in the fight against poverty in Uzbekistan. Web of Humanities: Journal of Social Science and Humanitarian Research, 1(6), 4-7.