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DIGITAL ECONOMY AND ITS DEVELOPMENT IN UZBEKISTAN

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Abstract: the article provides facts about the development of the digital economy of Uzbekistan. The digital economy is a driver of the country's economic development. This is a system of economic, social and cultural relations based on the spread of digital technologies in all sectors

Keywords: digital economy, driver of economic development, economic level, IT parks, Internet, e-government, digital technologies

Why is the digital economy important for the state? The development of the digital economy plays a key role for the state for several reasons:

– Economic growth: The digital economy helps increase productivity and efficiency in various sectors of the economy. It allows you to automate and optimize processes, improve the quality of products and services, and create new innovative products and solutions. As a result, the state can achieve higher rates of economic growth, improve the competitiveness of its companies and attract investment.

– Creating new jobs: The digital economy requires specialists in information technology, programming, data analytics and other related fields. The development of the digital economy contributes to the creation of new jobs and the development of specialized personnel. This helps to increase employment levels and improve the quality of life of citizens.

– Improving the quality of public services: Digital technologies allow government organizations to improve the efficiency of providing public services. Online services, electronic payments, electronic document management and other digital solutions allow citizens and businesses to receive and carry out government services more quickly, conveniently and transparently. This helps to increase the level of trust in the state.

– Innovation and development of industries of the future: The digital economy is the basis for the development of such promising industries as artificial intelligence, Internet of things, blockchain, BIG data and many others. The development of these technologies and industries contributes to the creation of an innovation ecosystem, attracting high-tech investments and stimulates the development of other sectors of the economy.

– Competitiveness in the international arena: States that are actively developing the digital economy are becoming more competitive in the international arena. They attract investment, develop the export of high-tech products and services, create new jobs and strengthen their economic position in the global system.

The development of the digital economy is an important factor for ensuring sustainable economic growth and increasing competitiveness.

To improve the standard of living and well-being of the population of Uzbekistan, a decree of the President of the country "On the Development Strategy of New Uzbekistan for 2022-2026" was adopted. The main direction of economic

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development of New Uzbekistan for 2022-2026 will be the digital economy. Its volume will increase 2.5 times [1]. One of the 7 priority areas of the Strategy is the accelerated development of the national economy and ensuring high growth rates.

In Uzbekistan, the digital economy is developing rapidly. Thus, the volume of added value created in the information economy and e-commerce sector increased almost threefold from 2015 to 2020 - from 3.8 trillion to 11.2 trillion soums (see Table 1), and its share amounted to 2% in GDP [2].

Table 1. Volume of added value created in the information economy and e-commerce sector

	2015	2016	2017	2018	2019	2020
Information Economy and E-Commerce Sector	3,876.3	4,967.7	6,377.8	7,934.0	8,701.4	11,220.5
including:						
Information and Communication Technologies (ICT) Sector	3,581.7	4,575.3	5,849.0	7,059.0	7,508.4	9,524.4
ICT production	141.7	127.2	238.3	307.3	283.7	563.7
ICT trade	140.8	228.0	281.6	240.4	299.0	265.8
ICT services	3,299.2	4,220.1	5,329.1	6,511.3	6,925.7	8,694.9
Content and media sector	294.6	392.4	518.7	767.7	928.3	1,157.1
E-commerce	-	-	10.1	107.3	264.7	539.0

Source: State Committee on Statistics [2]

The Internet plays a significant role in the digital economy. The capacity of international packet switching centers is expanding to 3200 Gbit/s, interregional and international telecommunication networks at the regional level is 400 Gbit/s, at the regional level - 40 Gbit/s. The cost of services decreased by 42.9% for operators and providers. The growth rate of the digital economy is also influenced by the widespread introduction of the most advanced information technologies, various innovations in all sectors to create modern digital platforms and further expand the digital infrastructure [3].

The digitalization of industries and sectors of the economy is taking place, ERP - an enterprise resource management system - is being implemented everywhere.

The Republic has created all the conditions for the implementation of the latest artificial intelligence technologies. First of all, such technologies will be introduced into banks, healthcare institutions, customs, agriculture, etc.

We can conclude: the implementation of all plans for the development of digital technologies in Uzbekistan contributes to the sustainable development of the economy and improves the well-being of the country’s population.

The main key to the development of any state is digital technologies; they can significantly improve many aspects of society [5].

The digital economy is playing an increasingly important role in the development of all countries, and Uzbekistan is no exception. In recent ears, the government of Uzbekistan has made significant efforts to stimulate the development of the digital economy and create a favorable environment for innovation and technological progress.

Uzbekistan is actively promoting digitalization in various sectors of the economy, such as public administration, education, healthcare, transport and tourism. The introduction of electronic government services, the development of e-commerce and digital payments, as well as the creation of digital platforms and a startup ecosystem - all this is aimed at improving the quality of services, increasing efficiency and attracting investments.

However, the development of the digital economy in Uzbekistan also faces some challenges, such as a lack of qualified personnel, the need to improve the legal and regulatory environment, as well as increasing awareness of digital technologies among the population.

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PHP VA MYSQL TEXNOLOGIYALARI YORDAMIDA AXBOROT TIZIMINING BOSHQARUV KONTENTINI YARATISH

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Annotatsiya. Ushbu maqola PHP va MySQL texnologiyalaridan foydalangan holda axborot tizimini boshqarish tarkibini ishlab chiqish va amalga oshirishni o'rganadi. U asosiy texnologiyalar sifatida PHP va MySQL integratsiyasiga e’tibor qaratib, axborot tizimini boshqarish echimini yaratish bilan bog‘liq jarayonlarni chuqur tahlil qiladi.

Kalit so‘zlar. PHP va MySQL texnologiyalari, HTML, CSS, ma’lumotlar bazasi, funksiya, xavfizlik, axborot.

PHP (Personal Home Page tools) interpretatsiya qilinuvchi web – sahifaga interaktiv elementlarni qo‘shuvchi PERL tiliga o‘xshash dasturiy tildir. PHP tilida yozilgan dastur HTML – hujjatga dasturiy ilova kabi qo‘shiladi: hujjatning interaktiv elementi qo‘shilishi kerak bo‘lgan joyga PHP senariysi qo‘yiladi. ASP texnologiyasi

ASP (Active Server Pages,) serverning aktiv sahifalari JavaScript va RNR dasturiy tillari kabi faoliyat ko‘rsatuvchi yana bir texnalogiyadir. Web – sahifani ASP texnologiyani qo‘llash yordamida interaktiv ko‘rinishga keltirish uchun uning dasturiy ilovasiga Java va C# dasturiy tillariga o‘xshash tuzilgan makrotilda yozilgan skript qo‘shiladi.Yozilgan skript serverda bevosita interpretatsiya qilinadi va bajariladi. Shundan so‘ng ASP stsenariy natijalari qo‘shilgan tayyor html – hujjat foydalanuvchi brouzeriga jo‘natiladi. Bundan shu xulosa kelib chiqadiki, ASP texnologiyasi tatbiq qilingan web – sahifaga foydalanuvchi kompyuterida qanday dasturiy t a’minot o‘rnatilganining ahamiyati yo‘q. ASP texnologiyasi hamma serverlarda ishlamaganligi uchun server turining ahamiyati kattadir.

Jahon o‘rgimchak to‘ri (World Wide Web) ning barcha informatsion manbalarini ikkita katta sinfga bo‘lish qabul qilingan: sahifalar va uzellar yoki saytlar. Web – sahifalar deb, murakkab bog‘lanishlari va multimediali resurslari bo‘lmagan oddiy matnli sahifalar tushuniladi. Web-uzellar y a’ni saytlar – deganda o‘ziga sahifalarni birlashtirgan tizim tushuniladi. Boshqacha aytganda uzel minglab hujjatlarni o‘zida birlashtirgan, ko‘p sonli bog‘lanishga ega, multimediali murakkab tizim tushuniladi. Dreamweaver paketi - bu ko‘p qirrali dastur. Uni alohida sahifalar yaratish uchun oddiy gipermatnli hujjatlar tahrirlagichi sifatida ham ishlatish mumkin. Bundan tashqari dastur har qanday murakkablikdagi Web-uzellarni ham yarata oladi.

PHP va MySQL texnologiyalari yordamida axborot tizimining boshqaruv kontentini yaratish haqida quyidagi m a’lumotlarni taqdim etaman:

1. PHP (Hypertext Preprocessor.PHP, dinamik veb ilovalar yaratish uchun foydalaniladigan tarmoqli skriptlash tili hisoblanadi. PHP skriptlari veb sahifalarni generatsiya qilish, foydalanuvchidan m a’lumotlar qabul qilish, m a’lumotlarni MySQL m a’lumotlar bazasiga yozish va undan o‘qish, shuningdek veb ilovalarni boshqarish uchun ishlatiladi.