



## TRENDS IN THE DEVELOPMENT OF DIGITAL TECHNOLOGIES

*Babajanova Sohiba Ulug'bekovna*

*Teacher of native language and literature, Chust district polytechnic No. 1.*

**Abstract:** This article discusses the issues of Cybersecurity in the digital world and the stages and trends in the development of digital technologies.

**Keywords:** Cybersecurity, digital world, digital technology, signal, password, code, communication technology, modeling.

### INTRODUCTION

Today, the demand for new innovative ideas and digital technologies is increasing in all aspects of human society. Their use changes human life and paves the way for improving the quality of its activities. The development of digital technologies serves to expand the level of thinking of different segments of society, especially young people, and to facilitate the use of information.

This naturally puts the issue of ensuring cybersecurity in the digital world on the agenda as a key issue.

Computer security (also cybersecurity, digital security, or information technology (IT) security) is a subdiscipline within the field of information security. It consists of the protection of computer software, systems and networks from threats that can lead to unauthorized information disclosure, theft or damage to hardware, software, or data, as well as from the disruption or misdirection of the services they provide.

### MAIN PART

The use of this term in foreign historiography is mainly associated with scientific research conducted in the United States in the 90s of the 20th century. However, "Digital History" appeared not among historians (researchers and teachers), but in museums, archives and other institutions for the preservation of



historical and cultural heritage. among "practitioners" who solve practical problems of ensuring.

"Digital History" is a branch of digital humanities that uses digital media, computers and modern information and communication technologies to study and present the past. learn to use.

Today, technology has deeply penetrated every aspect of our lives. We live in a digital world that is unimaginable without phones, computers, and the Internet. Along with these conveniences, there are also some risks. In particular, the issue of cybersecurity, that is, digital security, is becoming increasingly relevant.

What is cybersecurity?

Cybersecurity is a set of measures to protect data, personal information, money, and systems when using the Internet and technological devices. Simply put, cybersecurity is a way to keep ourselves safe in the digital world.

What are the threats in the digital world?

1. Hackers — try to illegally gain access to your computer or phone.
2. Viruses and malware — delete or steal your data.
3. Fraudulent sites — obtain information about you and use it for the wrong purpose.
4. Phishing (fake messages) — tries to trick you into giving away your password or card number.

Useful rules for cybersecurity

Use strong and diverse passwords.

Think before clicking on any link.

Do not open files sent by unknown people.

Install antivirus software and keep it updated.

Enter personal information only on trusted sites.



Why is this important?

In the digital world, privacy, learning, financial transactions — everything is done online. If cybersecurity is not taken into account, data loss, account breaches, and even fraud can occur. Therefore, everyone, especially young people, should be educated in this regard.

## CONCLUSION

The digital world is full of opportunities, but these opportunities require proper use and knowledge of security rules. Cybersecurity is the responsibility of every user. By using technology wisely and safely, we protect ourselves and those around us.

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