

WAYS TO IMPROVE THE PROJECT MANAGEMENT SYSTEM IN ENTERPRISES ON THE BASIS OF DIGITAL TECHNOLOGIES

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Currently, digital technologies are taking the activities of each industry to a qualitatively new level. In particular, the introduction of digitalization in the project management system allows enterprises to increase their efficiency, use resources more efficiently, reduce costs, and strengthen their competitiveness in the market.

The telecommunications sector in the Republic of Uzbekistan is gaining strategic importance, and improving the project management system for enterprises in this area is becoming one of the urgent tasks. In particular, Uzbektelecom JSC has been actively implementing digital transformation processes in recent years, which serves to develop new types of services, increase the number of users, and improve the level of service.

This section analyzes the importance of using modern digital technologies in the project management system, its impact on the efficiency of the activities of Uzbektelecom JSC, and ways to improve this process. Accordingly, the main goal is to expand the scope of telecommunication services, improve their quality, and adapt them to modern market requirements through the digitization of project management at the enterprise.

In the context of global digital transformation, project management is becoming a key element in achieving the strategic goals of organizations. However, the digitization of project management faces a number of problems, such as low integration of technologies, insufficient staff qualifications, and poor adaptation of processes to new conditions.

The main problems and limitations of project management digitization are:

- 1) According to PMI research, the low level of process automation, only 45% of organizations use systematic digital project management tools, which in turn leads to duplication of tasks and a decrease in overall project efficiency;
- 2) lack of employee empowerment, according to Gartner research, 60% of project management professionals do not have sufficient skills to work with digital tools;
- 3) integration limitations, approximately 25% of organizations have integrated new technologies without taking into account the planners already in use, which leads to data fragmentation.

One of the main recommendations for increasing the effectiveness of digitalization is to allocate funds to update and modernize the existing technological infrastructure. Many organizations are still using outdated systems and software, which can prevent them from fully utilizing digital tools and solutions. Organizations can achieve process improvements and overall productivity by investing in new technologies and updating existing systems.

Initially, it is necessary to implement integrated software solutions to optimize project management workflows. Traditional project management often relies on fragmented tools, which can lead to inefficiency and communication barriers between team members. By implementing a project management system platform, organizations can centralize data and streamline processes, reducing the time spent on administrative tasks.

For example, tools that integrate task management, time tracking, and collaboration capabilities allow teams to work together and gain a clear view of project status. Such integration not only increases efficiency, but also increases accountability, as team members can easily access their tasks and deadlines in one place. Using a unified system platform such as Microsoft Project, Asana, or Monday.com can help unify the tasks of various project management tasks. In particular, below is a comparison table of digital platforms for project management, in which you can familiarize yourself with their strengths and weaknesses (Table 3.1).

Table 3.1

Comparison table of digital platforms for project management[Author's work]

Platforma	Kuchli tomonlari	Zaif tomonlari	Foydalanishning mukammal varianti
Microsoft Project	Murakkab funksiyalar, ishonchli tahlil	Yuqori narx	Korporativ darajadagi loyihalar
Asana	Foydalanuvchi uchun qulay, Agile ish jarayonlari uchun mos keladi	Cheklangan kengaytirilgan hisobot	Kichik va oʻrta loyihalar
Monday.com	Vazifalarning juda oddiy koʻrgazmali, tayinlanishi	Katta jamoalar funksiyalari yetishmasligi mumkin	Startaplar va oʻsib borayotgan jamoalar

In addition to integrated software, effective communication is a cornerstone of successful digital project management. Since teams often work in different geographical locations and many projects require cross-functional collaboration, the use of digital communication tools such as instant messaging applications, video conferencing, and document co-authoring platforms can significantly improve project outcomes. These tools facilitate real-time interaction and ensure that all team members are on the same page, thereby reducing the risk of misunderstandings and delays. For example, regular virtual check-ins can support consistency of goals and team development, allowing any issues that arise to be quickly identified and resolved. In addition, the use of real-time data analytics is changing the approach to project management. Using analytics, project managers can gain valuable insights into project performance, resource allocation, and budget adherence. This data-driven approach allows managers to anticipate potential problems and adjust plans accordingly, allowing them to make more informed decisions.

To ensure that employees have the skills and knowledge they need to effectively use digital tools and platforms, it is essential to provide them with comprehensive training. Many organizations currently face challenges with digitalization because their employees do not have the necessary education to fully utilize the technologies. By investing in training programs and providing ongoing support, organizations can empower their employees to make the most of digital tools and drive innovation within the organization.

Organizations must prioritize data security and privacy to protect sensitive data and prevent cyberthreats. With increasing reliance on digital tools and platforms, the risk of data breaches and cyberattacks also increases. By implementing robust security measures and compliance protocols, organizations can protect their data and maintain the trust of customers and stakeholders.

Also, use data analytics and artificial intelligence to extract valuable insights and make decisions. By leveraging data analytics and artificial intelligence, organizations can identify patterns, trends, and correlations in their data sets, which allows them to make informed decisions and optimize processes for greater efficiency.

Organizations can also leverage cloud computing and remote work capabilities to ensure the flexibility and scalability of their operations. Cloud computing allows organizations to securely access data and remote work capabilities, while allowing employees to work from anywhere in the world, which increases productivity and efficiency (Figure 3.1).

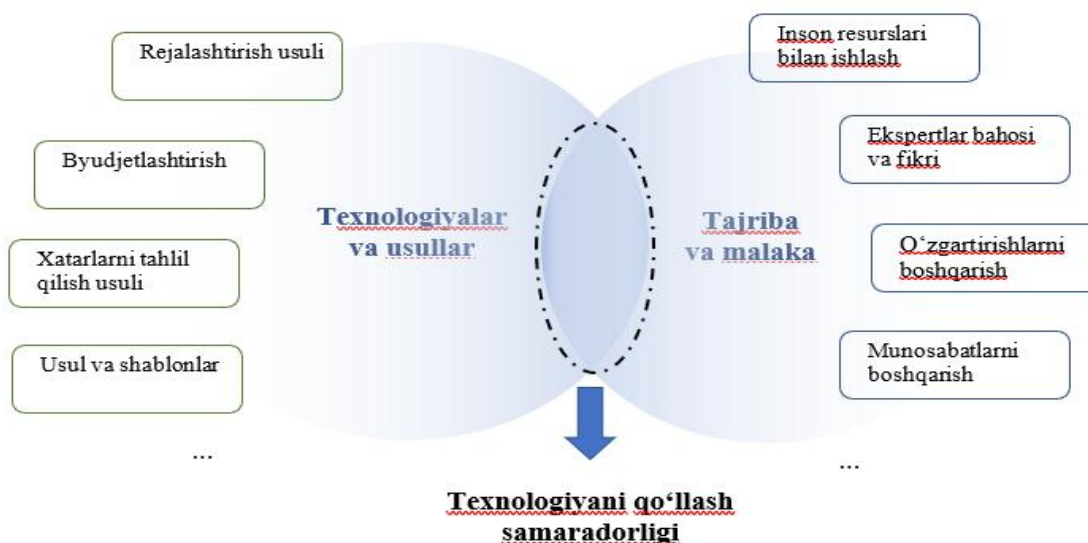


Figure 3.1. Technology and Skills in Project Management[Author’s work]

The recommendations listed above can have a significant impact on business, both for good and for bad. On the positive side, investing in digital skills training can increase productivity and innovation, enabling employees to work more effectively and adapt to new technologies. Implementing data analytics can help organizations make data-driven decisions and win in the marketplace.

However, there are some challenges in implementing these guidelines. For example, the adoption of cloud computing has raised concerns about data privacy and security, requiring organizations to implement cybersecurity measures.

In particular, the implementation of more than 220 priority projects has begun, which include improving the e-government system, further developing the local market for software products and information technologies, establishing IT parks in all regions of the republic, as well as providing the industry with qualified personnel. [Decree of the President of the Republic of Uzbekistan No. PF-6079 of October 5, 2020 - lex.uz] For example, in the implementation of public administration activities, the types of electronic government services are expanding and the efficiency of their use is increasing. Digitizing the Management System brings the state and the people closer together.

References

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