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### **EFFECTIVE PROJECT MANAGEMENT WITH A FOCUS ON ACHIEVING HIGH QUALITY**

Quality management is an indispensable component of project management, encompassing a diverse set of procedures aimed at aligning the project with its original objectives and requirements. This holistic domain includes quality planning, quality assurance, and quality control, and serves as a central catalyst throughout the entire project lifecycle.

This endeavor seeks to illuminate the pivotal function of quality management in project management, emphasizing the importance of aligning projects with their initial objectives and requirements while ensuring the achievement of superior results.

Maintaining and sustaining the quality of both processes and project deliverables requires a systematic and methodical approach [1]. Such an approach ensures that client and stakeholder requirements are met while adhering to established project quality management methodologies.

The quality management process within a project typically involves several critical steps. These steps can vary depending on the specific quality management framework or methodology being used, but generally include:

*Quality Planning:* This is the initial step where project managers and teams plan how they will approach and implement quality management throughout the

project. It involves defining quality standards, objectives, and identifying key quality metrics.

*Quality Assurance:* This step focuses on ensuring that the project is following the planned quality processes and standards. It involves regular audits, reviews, and process improvements to prevent defects and issues.

*Quality Control:* In this step, the project team monitors and inspects the work being done to identify and address any defects, errors, or issues that may arise during project execution. This includes conducting inspections and tests.

*Quality Improvement:* Continuous improvement is a key aspect of quality management. This step involves analyzing data and feedback to identify areas for improvement and implementing changes to enhance project quality.

*Quality Reporting:* Reporting and communication are essential throughout the quality management process. Regularly sharing quality-related information with stakeholders helps keep everyone informed about the project's status and any quality-related issues.

*Documentation and Records:* Keeping detailed records of quality-related activities, such as inspections, tests, and corrective actions, is important for accountability and compliance.

*Training and Education:* Ensuring that team members have the necessary knowledge and skills to maintain quality standards is crucial. Providing training and educational resources is part of the quality management process.

*Customer Satisfaction:* Ultimately, customer satisfaction is a key indicator of quality. Continuously assessing and meeting customer expectations is a vital component of quality management.

These steps may be adapted and modified to suit the specific needs and requirements of a project, and they are often part of a broader quality management system or framework used by an organization [2].

According to this view, project quality can be defined as the achievement of significant results, adherence to the allocated resources and the established schedule.

This interpretation reflects the ultimate goal and provides a more accurate representation of the core concept of project quality. It is important to note that the term "significant deliverables" remains broadly defined and is not specifically defined [4].

The basis of the quality management methodology in Ukraine is based on a number of basic principles:

a) It embraces the principles and strategies of Total Quality Management (TQM).

b) This methodology relies heavily on the wealth of knowledge found in the international standards of the ISO series.

c) In addition, it incorporates valuable information from resources such as the Handbook of Foreign Project Management Practices and other relevant sources.

Conclusion. Fundamentally, achieving excellence in project management is critical to ensuring that projects achieve their goals and meet the expectations of stakeholders. This effort involves careful planning, assurance, and diligent oversight throughout the project's progress. An insightful perspective underscores the importance of achieving key milestones within the confines of allocated resources and time constraints.

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## **AGILE-MANAGEMENT – A MODERN TREND IN PROJECT MANAGEMENT**

The global development of the most developed countries of the world is taking place based on the implementation of modern innovative information and communication technologies, which dynamically change based on the accelerated development of new products. This requires the compression of innovation life cycles in principle «faster - more powerful – cheaper». In such conditions, there is a need for constant improvement of approaches to the management of innovative projects. Modern methods of project management are quickly transformed into standards supported by various professional structures and presented in the form of professional guides (P2M, RMVoK, PRINCE2, MSP, Agile, IPMAICB4, IPMAOCB, IPMAPEB, standards ISO 21500, 21503, 21504, etc.).

Developed standards are necessary to adopt the world's best effective practices use of project management methods for productivity and efficiency improvements and creation of new values [1].

These are considered modern methods in project management Scrum, Lean, Kanban, Agile. They differ by content If Scrum is based on the idea of regular checking the project for compliance with the given direction and aspirations of the customer, Kanban – on the rejection of generally accepted established ones approaches to the organization of production, Lean assumes that you need to invest energy only in those processes that bring benefit and value to the customer, then