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THE ROLE OF AGILE-APPROACH IN IMPROVING THE EFFICIENCY OF IT PROJECT MANAGEMENT

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Анотація
У даній статті розкривається суть та ефективність Agile-підходу в якості сучасної методології управління ІТ-проектами.
Ключові слова: Agile, Agile-Manifesto, управління, команда, проект, гнучкість.

Abstract
This article reveals the essence and effectiveness of the Agile approach as a modern methodology for managing IT projects.
Keywords: Agile, Agile-Manifesto, management, team, project, flexibility.

Introduction

In the present communication the world majority businesses started more often apply design approach to his activities . Enterprises have wide access to information, but excess this one information leads to the fact that we are surrounded every day diverse Gadgets and communication are increasingly conducted through communication devices communication. And yet we are spinning in this communication space and contact with a large number of people and at the same time we feel that it is not enough effective in management their own organizational processes. Management in Agile Management is new a stage in which there will be no opacity processes inefficient _ management and emotional splash poor quality communication indicators.

Together with significant acceleration pace business and changed market information technologies, and issues development and implementation Agile methodologies in the process development software software engaged and are engaged to this day a lot specialists.

There are practical ones in Ukraine work in areas of project management with implementation Agile methodologies in the process development software software, but so far what theoretical developments began to materialize not at all enterprises and have not yet become so widespread in the IT industry Of Ukraine [1].

The aim is to prove the relevance and effectiveness of Agile - an approach as a modern methodology for managing IT - projects, focus on the project approach to effective management through the new Agile methodology and determine the practical basis of the most common methodology of product development capable of ensuring the organization of project communications.

The object of research is the process of IT project management.

Subject of the research is the management methodology Agile.

Research results

Agile management - an iterative method of planning and managing processes and projects [2]. Agile Management allocates short product development cycles, providing additional updates depending on changing customer needs. It is believed that when developing a product, 60% of success depends on how the team behaves and how it will start. And 30% depends on how in practice you can show and explore all the factors and how they will take root in the team, and the remaining 10% - other factors).

All over the world, in developed enterprises, any industry aimed at improving information technology uses flexible development for rapid movement and innovation.

The main goal of Agile management in information exchange is to establish common sense in the team of professionals and a communication process with feedback. It is important to understand that communications

in Agile management do not invent an ideal process, but simplify the existing one. The process can be simplified and adjusted only by reorganizing the company's departments [2].

Agile focuses on direct communication between members of the design team. Agile is a family of development processes, not the only approach to software development defined by Agile-Manifesto [3]. Agile does not include practices, but defines values and principles. Agile 's core development practices are flexible planning, customer engagement, refactoring , modular testing, and pair programming. These practices are modulated in four sectors: customer engagement, change management, flexible planning and control, refactoring and design quality [4] .

Planning, management processes and projects in Agile allow professional specialists with a large set of specific skills have part of responsibilities communicative nature of the two or several roles simultaneously. The Agile project manager is involved general strategy and coordination projects. Agile complements your unified skills traditional unique skills accept decisions and act in context rapid, changing projects with effective communication in conditions development on flexible methodologies . In particular interaction these roles can include the role of product owner and scrum master, within one project Agile PM can act more as a scrum master , and in another - as the owner of the product, depending from the needs of each project , not replaceable but complementary this work [5].

Agile uses experience project management to help both sides of the communication process to fill gaps in work and at the same time achieve the best results for the project performing more work.

Conclusions

Today's technological markets are changing faster than ever. Agile development helps groups products create software security that meets growing customer needs. And this positions them so as to be in the win.

The main advantage Agile management is flexibility , flexibility and once again flexibility. Small steps and readiness for change allow quickly adapt to dynamic conditions. Risks and costs are reduced to a minimum , as it is no longer required change strategy enterprises. As you can to see that it is not surprising that this is the case now approach is gaining momentum and for the most part popular in IT companies. Modern market telecommunication spheres maintenance and volatile geopolitical situation forced enterprises constantly to adapt to changes in society.

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