

CONCEPT OF «AGILE» IN MODERN WORKING ENVIRONMENT

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Abstract The article considers concept of Agile in modern world, main principles, advantages and Agile manifest.

Key words : Agile, flexible development approach , IT, work, scrum, Kanban.

Анотація В статті розглядається концепція Agile в сучасному світі, головні принципи, переваги і маніфест Agile.

Ключові слова : Agile, гнучкий підхід в розробці, IT, робота, scrum, Kanban.

Agile (agile software development, from the English. Agile - agile) - a family of "flexible" approaches to software development. Such approaches are also sometimes called frameworks or agile methodologies.

The meaning of Agile is formulated in the Agile manifest of software development: "People and interaction are more important than processes and tools. A working product is more important than comprehensive documentation. Collaboration with the customer is more important than negotiating the terms of the contract. Willingness to change is more important than following the original plan. "

Table 1

Individual and interactions	over	Process and tools
Working software	over	Comprehensive documentation
Customer collaboration	over	Contract negotiation
Responding to change	over	Following a plan

Separate agile approaches include scrum and kanban.

Scrum is a framework (a set of basic elements and rules, a kind of framework on which the development process is based), which helps to solve tasks that change during the work process in order to efficiently and creatively deliver products to customers with the highest possible value.

Scrum is:

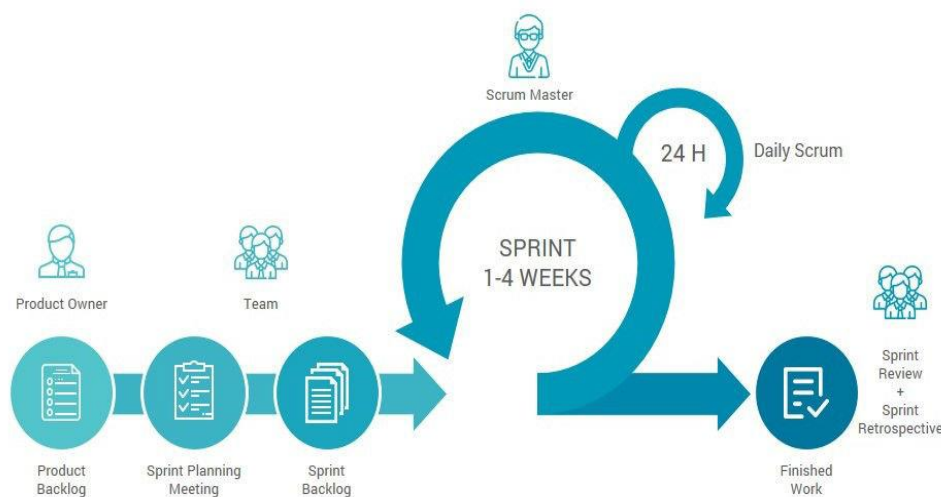
- compact
- easy to understand
- difficult for perfect mastery.

The main elements of the framework are Scrum teams and their associated roles, events, artifacts and rules. Each element of the framework serves a specific purpose and is essential for the successful use of Scrum.

Scrum rules connect events, roles and artifacts together, regulate relations and interactions between them. They are described in this document.

There are various tactics for using the framework, but their description is beyond the scope of this document.

Table 2



Kanban is a method for improving development processes and part of an agile philosophy. It is based on the Manifesto of Agile Software Development.

Kanban Goal is only one - to receive a finished high-quality product on time. Let's figure out how to achieve this.

Kanban begins with visualization so that the processes are visible to the team. To do this, use a special board and a set of cards or stickers.

The board is an indispensable element for a flexible methodology. She is in Scrum, and in Kanban. Each team member gets access to it at any time and sees at what stage the task is.

The board will suit both real and virtual: you can use a simple corkboard or programs like Trello. Kanban-board adapts to any process and is applied in any field. For example, to make a to-do list.

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