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Difference Between Agile And Scrum

Sahana Senthil Kumar

AGILE

- Agile is a broad philosophy and approach to project management that emphasizes iterative development, collaboration, and adaptability.
- Agile follows a set of values, but there are no specific rules that teams must follow. few ways to implement Agile methodology:
 - Scrum
 - Feature Driven *Development* (FDD)
 - Extreme Programming (XP)
 - Lean Software Development (LSD)
 - Adaptive System Development (ASD)
 - Dynamic Systems Development Method (DSDM)
 - Crystal Clear

SCRUM

- Scrum is a specific framework within the Agile family that provides a structured approach to implementing Agile principles. Essentially, Scrum is one way to implement the Agile philosophy.
- Scrum, has many rules that are absolute non-negotiables. For example, Scrum teams must have daily Scrum meetings, and teams must organize their workflows into sprints lasting one week to one month.

Agile:

- A mindset that values working software over comprehensive documentation.
- Focuses on iterative development, where projects are broken down into smaller, manageable chunks.
- Emphasizes collaboration, responsiveness to change, and continuous improvement.
- Allows for flexibility and adaptation throughout the project lifecycle.

Scrum:

- A specific framework that provides a structured way to implement Agile principles.
- Uses short, fixed-length cycles called "sprints" to deliver working software increments.
- Defines specific roles (e.g., Product Owner, Scrum Master) and events (e.g., sprint planning, daily scrum).
- Provides a structured process with clear roles, events, and artifacts.

KEY DIFFERENCES

- **Scope:** Agile is a broad approach that can be applied to various types of projects. Scrum is a specific framework within Agile.
- **Structure:** Agile is more flexible and adaptable, while Scrum provides a more structured process.
- **Roles:** Agile doesn't define specific roles, while Scrum has predefined roles like Product Owner and Scrum Master.
- **Events:** Agile doesn't require specific events, while Scrum has defined events like sprint planning and daily scrums.
- **Artifacts:** Agile doesn't require specific artifacts, while Scrum uses artifacts like the Product Backlog and Sprint Backlog.

Agile and Scrum Difference

PARAMETERS	AGILE	SCRUM
Methodology	Agile is a set of principles that's iterative and incremental.	Scrum is an implementation of the agile methodology.
Projects	Suited for projects involving a small team of experts.	They are used in projects where the requirements are constantly changing.
Leadership	The project head takes care of all tasks vital to the project.	There's no leader, the scrum master, and the team addresses the issues. It involves cross-functional, self-organizing teams.
Flexibility	In agile, changes cannot be handled frequently.	It enables teams to react to changes quickly.
Delivery	The methodology requires frequent delivery to the end user.	With sprints, builds are delivered to clients for feedback.
Collaboration	Face-to-face interaction takes place between cross-functional teams.	Daily stand-up meetings help with collaboration.

Scrum VS Agile : Conclusion

	Scrum	Agile
Structure	More structured	More flexible
Work cycle	Two-weeks sprints	Not required
Main roles	Product Owner, Scrum Master, Team Scrum	No specific roles required
Pros	Flexibility and adaptability, collaboration and communication, transparency and accountability	Flexibility and adaptability, collaboration and communication, transparency and accountability
Cons	It can be challenging to implement and manage	It can be challenging to implement and manage
Which one to choose	A sound choice for small and medium-sized projects with stable requirements and a team accustomed to working in a structured way	Good choice for projects of all sizes and complexities, with dynamic needs and a team used to working in a flexible manner