

Agile Methodologies

Informative sheet

Research title: Investigation of Agile methodologies, challenges and solution in IT companies

Why to participate: Your personal experience and opinions, associated with organizational aspects are essential in understanding how companies apply and customize Agile practices and can identify points of improvement for organizations and teams.

* Indicates required question

General information

1. What is your current role in the Agile team?

2. How many years of experience do you have in the current role? *

Mark only one oval.

- ☐ 1 - 2 years
- ☐ 3 - 5 years
- ☐ 6 - 10 years
- ☐ > 10 years

3. How many years of professional experience do you have overall? *

Mark only one oval.

- ☐ 1 - 2 years
- ☐ 3 - 5 years
- ☐ 6 - 10 years
- ☐ > 10 years

4. How large is the current project team (number of members)?

5. Do you work / did you work using Agile methodologies? *

Mark only one oval.

☐ Yes

☐ No

6. Which Agile methodology do you use? (Scrum/Kanban/Scrumban/Extreme Programming/
Feature Driven Development/SAFe/Others:...)

Agile Principles

7. Which Agile principle do you consider the most difficult to implement? *

Mark only one oval.

- ☐ Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
- ☐ Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- ☐ Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
- ☐ Business people and developers must work together daily throughout the project.
- ☐ Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.
- ☐ The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.
- ☐ Working software is the primary measure of progress.
- ☐ Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
- ☐ Continuous attention to technical excellence and good design enhances agility.
- ☐ Simplicity—the art of maximizing the amount of work not done—is essential.
- ☐ The best architectures, requirements, and designs emerge from self-organizing teams.
- ☐ At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

8. In your opinion, which are the most important reasons it was difficult to implement? ?

9. If the situation was improved, which mitigation actions were performed?

10. From your experience, what other mitigation actions can be applied?

11. In your opinion, which are the barriers that limit the implementation of agile principles?

Privacy information and consent to the treatment of data

The data collected will be exclusively used for the research purposes stated at the beginning. No personal information and no organizational data will be collected, thus assuring anonymization of all collected information.