

Four core values of Agile Manifesto

Foundations of Agile Practices

What is Agile?

- some guiding principles that can improve the success of projects

Creation of Agile Manifesto and Agile Alliance

- created when 17 software gurus gathered at a ski resort
- to come up with better ways to manage the process of producing great software



Agile Manifesto

Important factors in software development

Four core value statements of Agile

- Individuals and interactions » processes and tools
- Working software » comprehensive documentation.
- Customer collaboration » contract negotiation
- Responding to change » following a plan

Value the first items more

- first items are the more important things to focus on
- but there is still value in the items on the right (not to ignore)

Quiz on the four core values

Quiz – context

Paula has been managing the development of a new database system for True North Aerospace Systems.

- Every two weeks, she invites her client to a Friday afternoon meeting where the development team demonstrates the latest product prototype.
- This week's meeting resulted in the client and development team discussing how a new user interface feature would allow users to easily enter information into the database.
- Paula documented the new requirements and made a note to herself to schedule a meeting with the legal team and the client.
- Signing off on a revised contract is required so that the team has a specification of the new feature in writing.

Quiz on the four core values

Check all the ways Paula is in alignment with the values of the Agile Manifesto:

- A. a new prototype is demonstrated on a regular basis.
- B. development team has face to face time with the client.
- C. product evolves as new needs are identified.
- D. contract is updated to specify the new feature.

Quiz on the four core values

Check all the ways Paula is in alignment with the values of the Agile Manifesto:

- ✓ A. a new prototype is demonstrated on a regular basis.
- ✓ B. development team has face to face time with the client.
- ✓ C. product evolves as new needs are identified.
- ✗ D. contract is updated to specify the new feature.

- Answer A aligns with the Agile value of delivering working software.
- Answer B is aligned with the Agile values of customer collaboration and individuals' interactions.
- Answer C aligns with the Agile value of aligning to change.
- Paula is not in alignment with the Agile value of customer collaboration over contract negotiation. Although she encourages frequent and open communication with her client, a contract needs to be revised in order for the development team to know the agreed specification for a feature.

Detailed explanation of the four core values

Value one: individuals and interactions over processes and tools

- Developers and clients will be more productive and effective in a collaborative relationship.
- As a product manager, you are not a messenger.
 - > You need to facilitate communication between the people wanting the product and the people producing the product.

Value two: working software over comprehensive documentation

- Documentation should still be created constantly throughout the project.
 - > The secondary items still have value.
- When tough choices have to be made, a piece of working software is a lot more valuable than a document that outlines what the software should do.

Detailed explanation of the four core values

Value three: customer collaboration over contract negotiation

The client is the center of design and it is important to make sure that their vision is what is being developed.

- You need to foster a positive relationship with your customer that is more concerned with what they want and not as concerned with what is laid out in some contract.

Value four: responding to change over following a plan

Software is constantly changing and it is important to develop your software in such a way that changes are easy to respond to.

Caution: Agile is flexible

- feel that one or more of these values may be unrealistic for you to implement in your projects?
 - > implement the values that do work