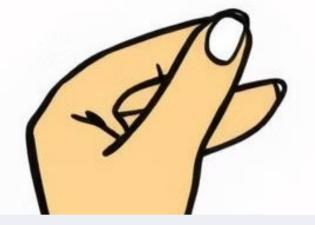


# Introduction to Agile

Agile is a method of project management that emphasizes iterative development, collaboration, and flexibility. It helps teams deliver value quickly and respond effectively to change.



## **The Four Agile Values**

#### **Individuals and Interactions**

Agile values individuals and their interactions over processes and tools.

#### **Customer Collaboration**

Agile focuses on customer collaboration over contract negotiation.

#### **Working Software**

Agile prioritizes working software over comprehensive documentation.

#### **Responding to Change**

Agile emphasizes responding to change over following a plan.



# 12 Agile Principles

sfy the customer rough early and tinuous delivery of valuable



Deliver working requently, with a reference to the horter timescale.



**Build projects** round motivated individuals, and trust them to aet the job done.



rking software is primary measure of progress.

inuous attention

ellence and good

design enhances

to technical

agility.



The best equirements and designs emerge n self-organizing teams.





















Welcome changin requirements, eve late in developme Agile processes harness change.



Business people a developers must work together dail throughout the project.



The most efficient method of communication is face-to-face conversation.



Agile processes promote sustainable development.



Simplicity - the art of maximizing the amount of work not being do is essential



The team regularl reflects on how to become more effective.

# **Twelve Agile Principles**

#### **Our Highest Priority**

Satisfy the customer through early and continuous delivery of valuable software.

#### **Welcome Changing** Requirements

Agile embraces changing requirements, even late in development.

#### **Deliver Working Software**

Agile prioritizes delivering working software frequently. with the shortest possible lead times.

#### **Business People and Developers**

Agile promotes close collaboration between business people and developers throughout the project.

**PROJECTMANAGER** 







# Iterative and Incremental Development

#### \_\_\_\_\_ Plan

Start with a short iteration cycle, outlining goals and tasks.

#### Develop

Build and test software incrementally, focusing on a small set of features.

#### Feedback

Gather feedback from stakeholders, adjust plans, and iterate again.

#### \_\_\_\_ Repeat

Continue iterating, delivering value with each cycle.



### **Customer Collaboration**

#### **Active Involvement**

Customers are actively involved in the development process.

#### **Frequent Feedback**

Customers provide feedback regularly to guide development.

#### **Shared Vision**

Agile promotes a shared understanding of goals and expectations.

## Responding to Change

#### **Embrace Change**

1 Agile teams are comfortable with and responsive to change.

#### **Prioritize Value**

2 Change is prioritized based on its impact on value delivery.

#### **Adjust Plans**

**3** Agile teams adapt plans and processes as needed.



# **Self-Organizing Teams**

Collaboration	Team members work together to make decisions and solve problems.
Ownership	Teams are responsible for their work and outcomes.
Empowerment	Teams have the autonomy to make decisions and implement solutions.



## **Continuous Improvement**



#### Retrospectives

Regularly reviewing and improving processes.



#### Feedback Loops

Continuously seeking feedback to identify areas for improvement.



#### **Data-Driven Decisions**

Using data and metrics to guide improvement efforts.

