

Step 1: Study Agile Manifesto Values

1. Individuals and interactions over processes and tools

Traditional approach:

Focus is more on rules, steps, and tools. Team members talk less and only follow fixed procedures.

Agile approach:

Team members talk to each other directly. Regular meetings help them solve problems faster.

2. Working software over comprehensive documentation

Traditional approach:

More time is spent writing big documents before making the software.

Agile approach:

Software is made and shown quickly in small parts so users can see it early.

3. Customer collaboration over contract negotiation

Traditional approach:

Customer is involved only at the start. Changes are not allowed later.

Agile approach:

Customer is involved regularly and can give feedback anytime.

4. Responding to change over following a plan

Traditional approach:

A fixed plan is followed. Changes are difficult and costly.

Agile approach:

Changes are accepted easily and added in the next work cycle.

Step 2: Study Agile Principles

1. Early and continuous delivery of software

Practical implication:

The team delivers small parts of the software early, so users can start using it and give feedback.

2. Welcoming changing requirements

Practical implication:

If the customer wants a change, the team discusses it and adds it in the next iteration instead of rejecting it.

3. Frequent delivery of working software

Practical implication:

The team releases a working version every few weeks, not only at the end of the project.

4. Collaboration between business and developers

Practical implication:

Developers and business people meet regularly to discuss needs and clear doubts.

5. Working software as the main measure of progress

Practical implication:

Progress is checked by seeing what features are working, not by how many documents are written.

6. Continuous improvement through reflection

Practical implication:

After each sprint, the team discusses what went well and what can be improved for next time.