



Scrum - Manifesto Workbook

Problems with traditional (Waterfall) development.

It's hard to be predictive, and builds exactly what you asked for but not what you need now.

Agile Principles

1. Our highest priority is to satisfy customer through early and continuous delivery of valuable software.
2. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
3. Deliver working software frequently, from a couple of weeks to a couple of months, with preference to the shorter timescale
4. Developers and business must work together throughout the project
5. Build around motivated individuals. Give them the support they need and trust them to get the job done
6. The most efficient and effective method of conveying information to and within a development team is face-to-face conversation
7. Working software is the primary measure of progress
8. Agile processes promote and sustain development. Sponsors , developers and users should be able to maintain a constant pace indefinitely.
9. Continuous attention and enhances agility
10. Simplicity – amount of work not done is essential



11. Best architectures, requirements, and designs emerge from self-organizing teams.

12. At regular intervals the team reflects on how to become more effective and then tunes behavior accordingly

Agile Manifesto Statement of Values

We Value Left Column

Individuals
Working Product
Customer collaboration
Responding to Change

OVER

Over the Right Column

Processes and Tools
Comprehensive Documentation
Contract Negotiation
Following a plan

Agile Framework Attributes

Focus on People	Expect professionalism to be used to produce high quality outcomes
Working Software	Agile aims to deliver high quality products
Flexibility	The ability to change conditions



Customer Involvement	Customers or User reps are expected to be involved, give feedback, help prioritize steps.
Multi disciplinary cooperating teams	Scrum teams consist of different professionals; each with different specialty skills working together to deliver the requested product.
Trust	Trust is the basic ingredient to be able to deliver the requested quality.

Agile Frameworks

1. Scrum
2. Kanban
3. Extreme Programming (XP)
4. Feature Driven Development (FDD)
5. Crystal
6. Dynamic System Development Method (DSDM)
7. Rapid Application Development
7. Adaptive Software Development (ASD)
8. Disciplined Agile (DA)
9. Scaled Agile Framework (SAFe)
10. Large-Scale Scrum (LeSS)
11. Lean Software Development (LSD)



Methodology	Framework
Agile	Scrum. Kanban. Extreme Programming (XP). Feature Driven Development (FDD). Crystal. Dynamic System Development Method (DSDM). Rapid Application Development (RAD). Adaptive Software Development (ASD). Disciplined Agile (DA). Scaled Agile Framework (SAFe). Large-Scale Scrum (LeSS). Lean Software Development (LSD).

Roles	Development Team Scrum Master Product Owner
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Rituals	Actions to be taken or a specific act of work to be performed
Artifacts	Documents that report, or documentation of some activity that has been performed or is planned to be performed
Rules	Rules define prescribed behavior or a control mechanism that is intended to be followed.