Scrum - Manifesto Workbook
Problems with traditional (Waterfall) development.

> It's hard to make predictions. Builds precisely what is requested, but it is not what you require at this time.
>
> (It is harder to adjust and be flexible when something unforeseen happens)

Agile Principles

1. The highest priority is to satisfy the customer through early and continuous delivery of valuable software.
2. Requirements are welcome to be changed even in later phase of development. Agile process tackles change for customer's competitive advantage.
3. Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
4.Business people and developers must work together daily throughout the project.
5. Build projects and developers must work together daily on project
6. Face-to-face communication is the most effective and efficient way to share information with a development team.
7. Working software is the primary measure of progress.
8. Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
9. Continuous attention to technical excellence and good design enhances agility.

| 10. Simplicity–the art of maximizing the amount of work not done–is essential. |
| 11. The best architectures, requirements, and designs emerge from self-organizing teams. |
| 12. Regular intervals, teams reflect on how to be more effective, then tunes and adjusts its behavior accordingly |

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Agile Manifesto Statement of Values

We Value Left Column

| Individuals |
| Working Product |
| Customer Collaboration |
| Responding to Change |

Over the Right Column

| Process 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 working (functioning with needed functionality) software products.
Flexibility	Agility: ability to adjust to changing conditions
Customer Involvement	(or user) are expected to be involved, give opinions and feedback, and help to prioritize next steps

Multi disciplinary cooperating teams	Scrum teams consist of different professionals; each with different speciality 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
Scrum	Is a lightweight framework that helps teams and organizations generate value through adaptive solutions. It is ideal for complex product development and is iterative and incremental.

Roles	Role is a set of activities , responsibilities, and/or authorities granted to/performed by a person, group, or team
Rituals	Rituals/Activities represent actions to be taken or a specific act of work to be performed.
Artifacts	Artifacts are 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.