

➤ Agile Principles

- Customer satisfaction.
 - ➔ Delivering valuable software: The highest priority is delivering valuable software to the customer early and continuously.
 - ➔ Customer collaboration: Engage customer throughout project.
- Embrace change
 - ➔ Adapt to changing requirements, even late in development, to harness customer feedback & ensure product relevance.
- Incremental Delivery
 - ➔ Break projects into small, manageable increments to allow frequent delivery and feedback.
 - ➔ Deliver working software frequently from a couple of weeks to a couple of months.
- Continuous improvement
 - ➔ Regularly reflect on how to become more effective, then tune and adjust behaviour accordingly.
- Sustainable pace
 - ➔ Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
- Technical Excellence.
 - ➔ Attention to technical excellence, continuous attention to technical excellence and good design enhances agility.
- Simplicity
 - ➔ The art of maximizing the amount of work not done is essential.

→ Scrum framework

• Scrum Team

- Represent stakeholders, manages product backlog, and prioritizes backlog items based on business value.
- facilitates scrum events, removes impediments and coaches the team on Agile practices.

• Scrum Events

- **Sprint**: Time-based iterations of one month or less that deliver a usable and potentially releasable product increment. Each sprint begins immediately after the conclusion of previous sprint.
- A collaborative event where the entire scrum team plans the work to be performed during the sprint.

• Scrum Artifacts

- An ordered list of everything that is known to be needed in the product, managed by product owner.
- The set of product Backlog items selected for sprint, plus a plan for delivering product increment and realizing the sprint Goal.

• Scrum values

- The team commits to achieving it's goals and supporting each other.
- Team members have courage to do right thing.
- Everyone focuses on the work of sprint & the goal of scrum team.
- Team members respect each other to be capable independent people.