

Agile Methodology & Scrum Framework

Principles, Roles, and Processes
for High-Performance Teams



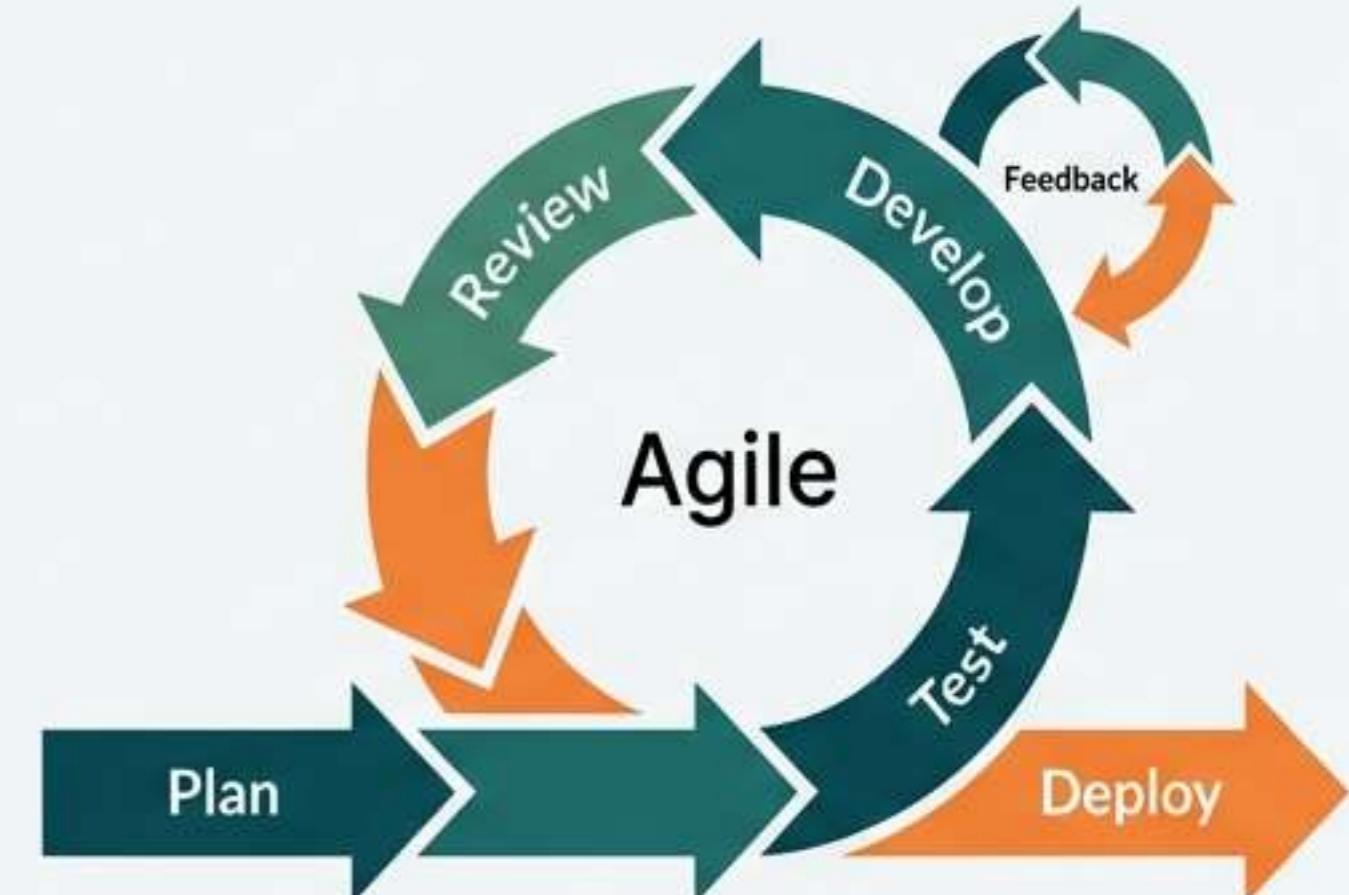
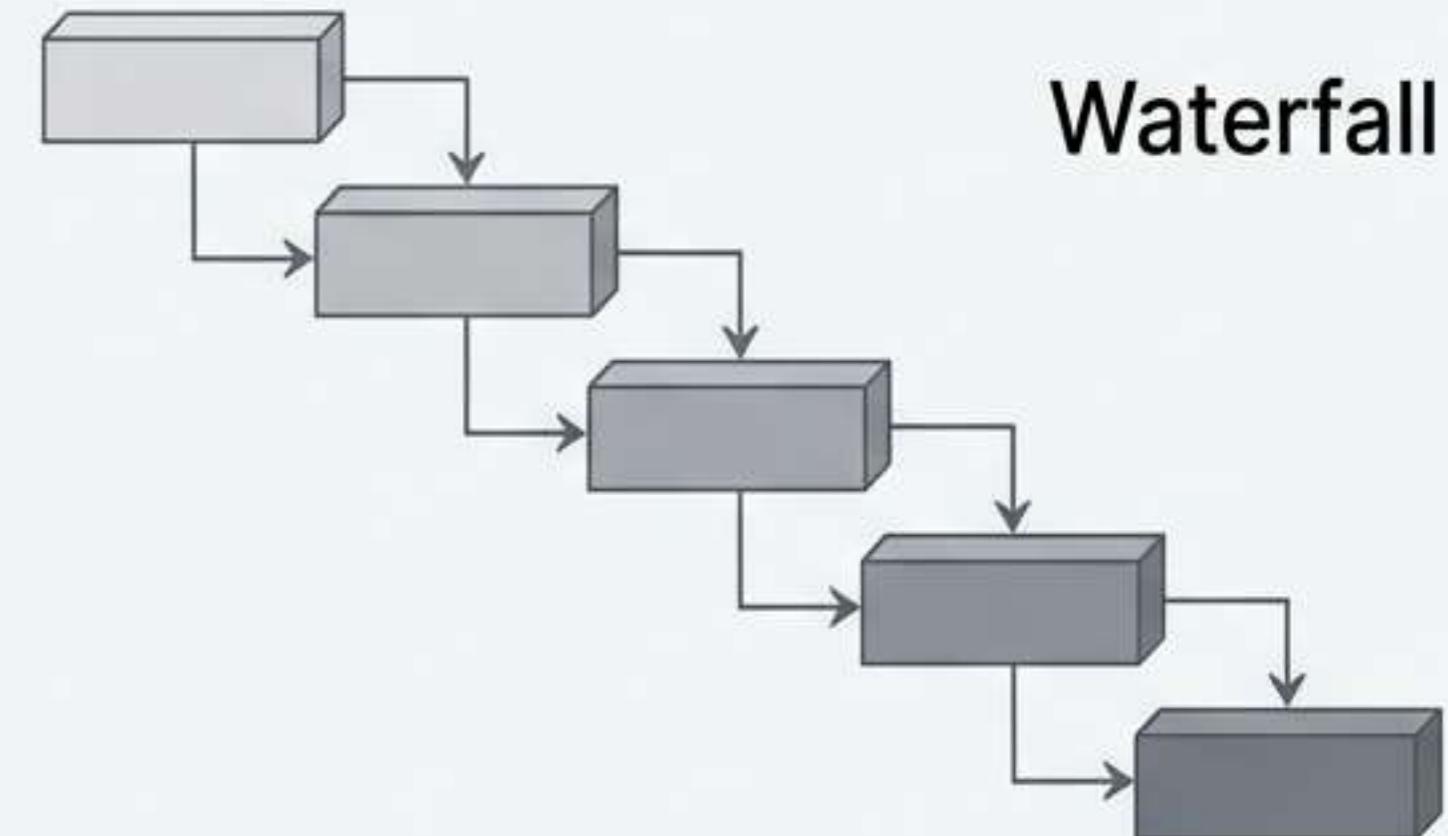
Introduction to the Agile Mindset

What is Agile?

An iterative project management approach that breaks work into phases to prioritise continuous collaboration and improvement.

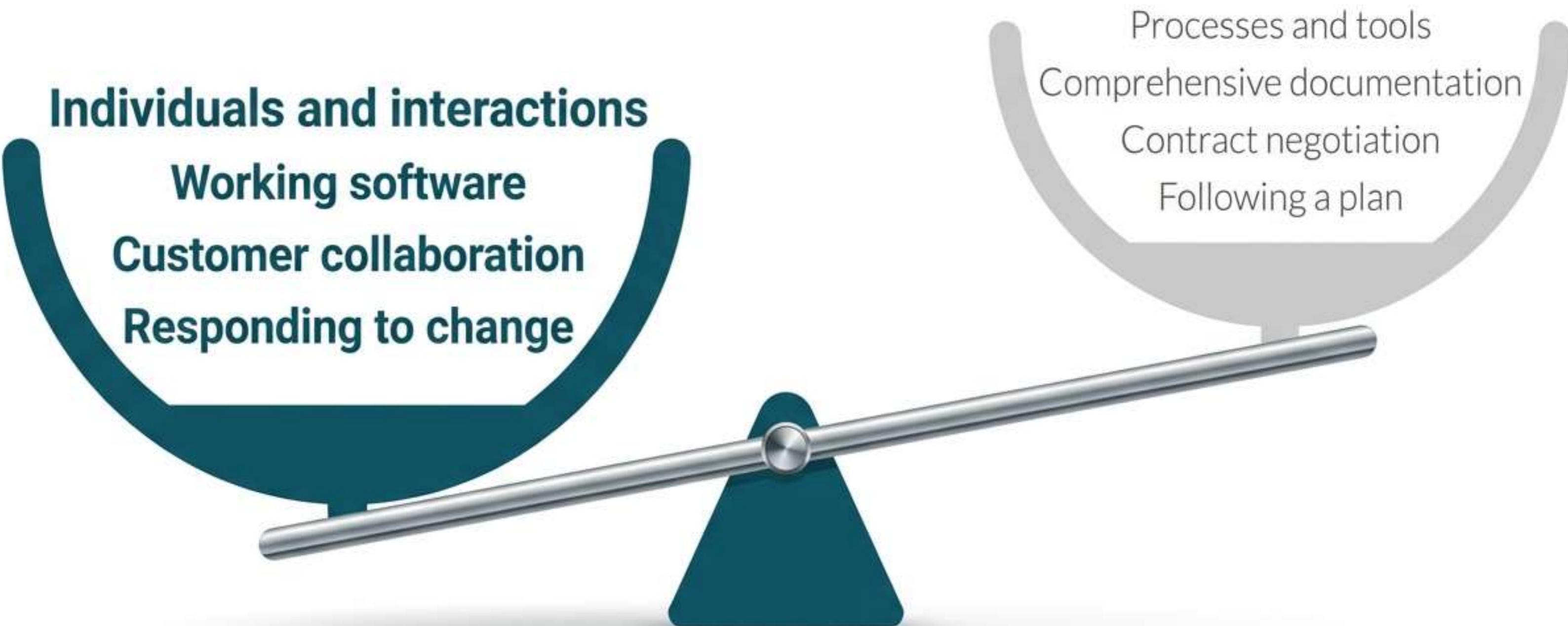
The Why: It is not just a method; it is a mindset. It fosters flexibility and rapid response to ensure projects align with evolving business requirements.

The How: Operates through guiding principles and adaptable frameworks, moving away from rigid planning.



The Agile Manifesto (The Golden Rule)

While there is value in the items on the right, we value the items on the left more.



The Scrum Team Roles

Product Owner (The What)



- Voice of the customer; bridges client and team.
- Manages and prioritises the Product Backlog.
- Makes release decisions based on business value.

Scrum Master (The Process)



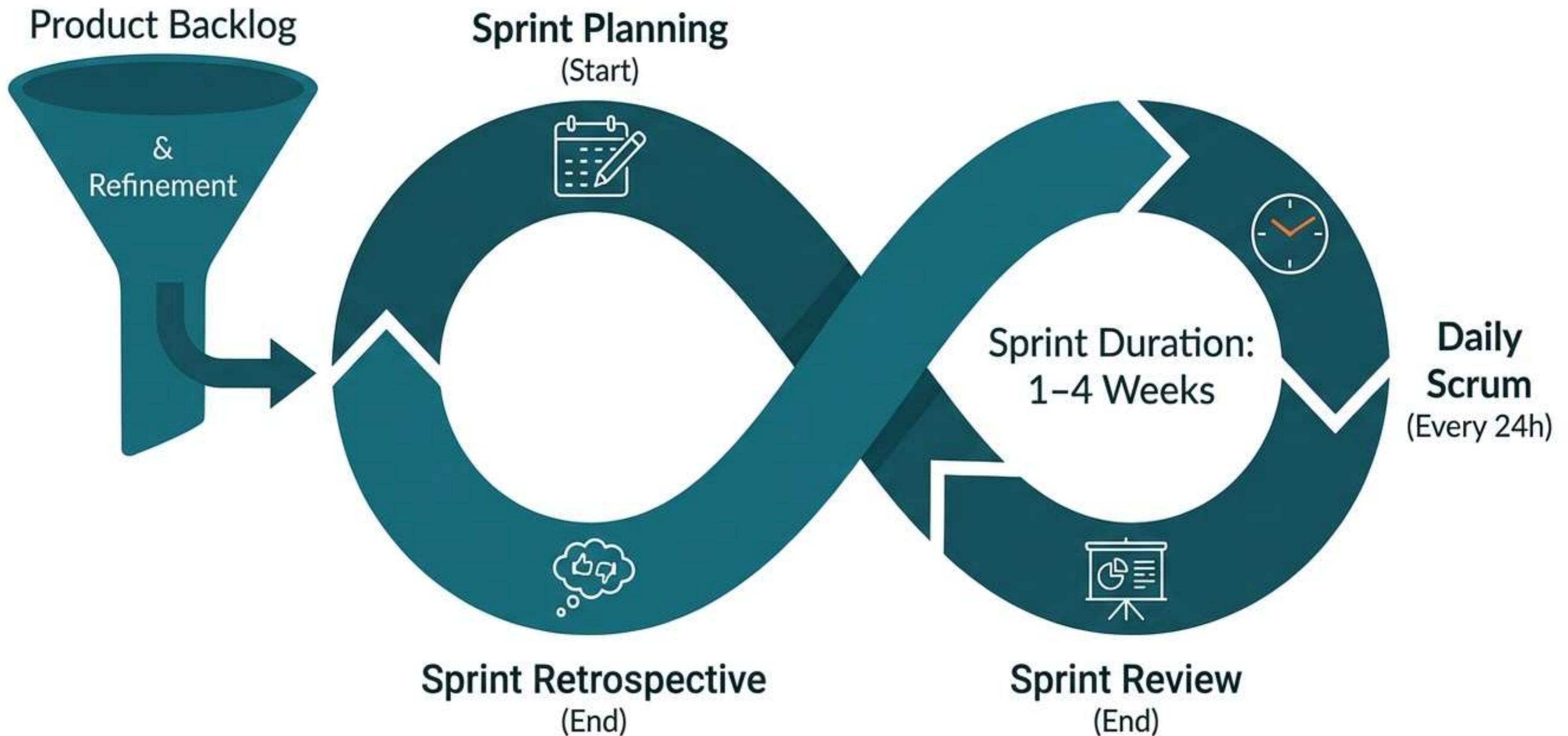
- Servant-leader and process coach.
- Shields the team from external distractions.
- Removes blockers and facilitates ceremonies.

Scrum Team (The How)



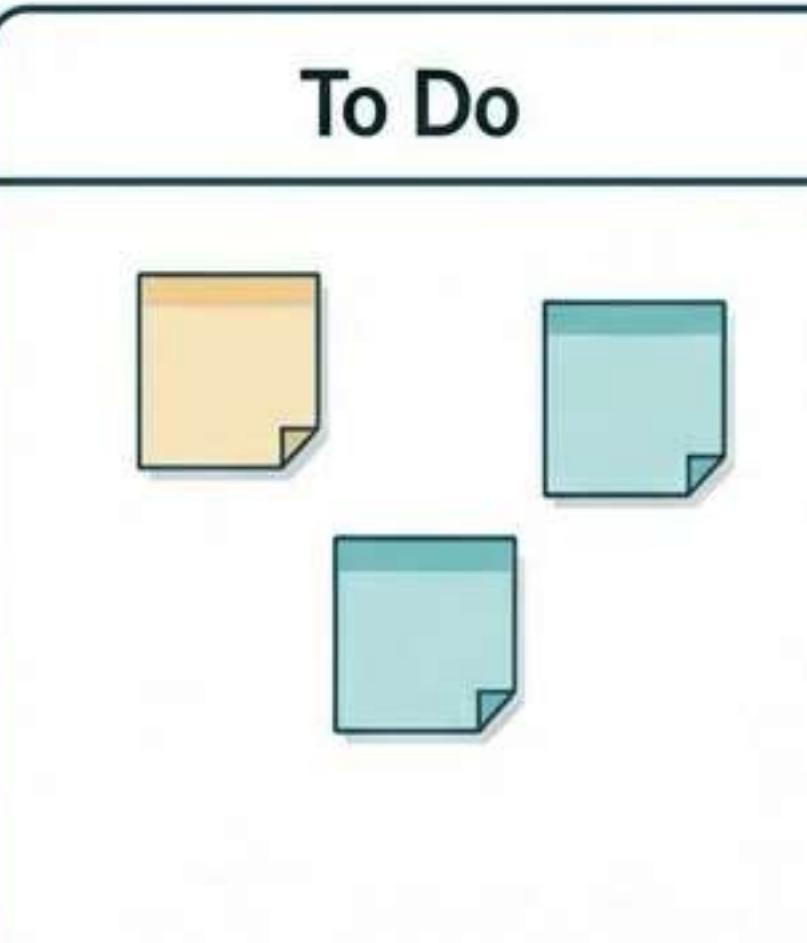
- Cross-functional (Dev, Design, QA) and self-organised.
- Typically 5–9 members for efficient communication.
- Collectively owns the sprint deliverables.

The Sprint Cycle (Workflow)



Real-World Scenario: Mobile Banking App Update

- **Goal:** Implement Biometric Authentication.
- **Input (PO):** Identifies customer need for security. Adds 'Fingerprint Auth' to Backlog.
- **Refinement:** Team plays Planning Poker to estimate effort (Story Points).
- **Execution (Team):** Designers (UI), Developers (Code), and QA (Test) work simultaneously within the Sprint.
- **Outcome:** Working feature demonstrated to bank stakeholders at the Sprint Review.

| To Do | In Progress | Testing | Done |
|--|--|--|---|
|  | <p>Feature: Customer Login </p> <p>Feature: Fingerprint Login </p> | <p>Feature: Fingerprint Login </p> <p>5</p> | <p>Feature: Completed Compete</p> <p>Feature: Completed Compete</p> |

Best Practices for High-Performance



Maintain a Healthy Backlog

Regular grooming ensures work is always 'ready' for the next sprint.



Strict Time-Boxing

Respect the 15-minute limit for Daily Scrums to maintain focus and energy.



Cross-Functional Collaboration

Eliminate dependencies. The team should possess all skills (Design, Dev, Test) internally.



Empowered Teams

Management defines "What" (goals); the Team decides "How" to build it.

Key Takeaways



THE MINDSET

Agile values individuals, collaboration, and working software over rigid plans. It is about responding to change.



THE ROLES

Product Owner:
Value Maximiser

Scrum Master:
Process Coach &
Protector

Team: Autonomous
Execution



THE CEREMONIES

Structured events (Planning, Daily, Review, Retro) create a rhythm of feedback and continuous improvement.