

AGILE



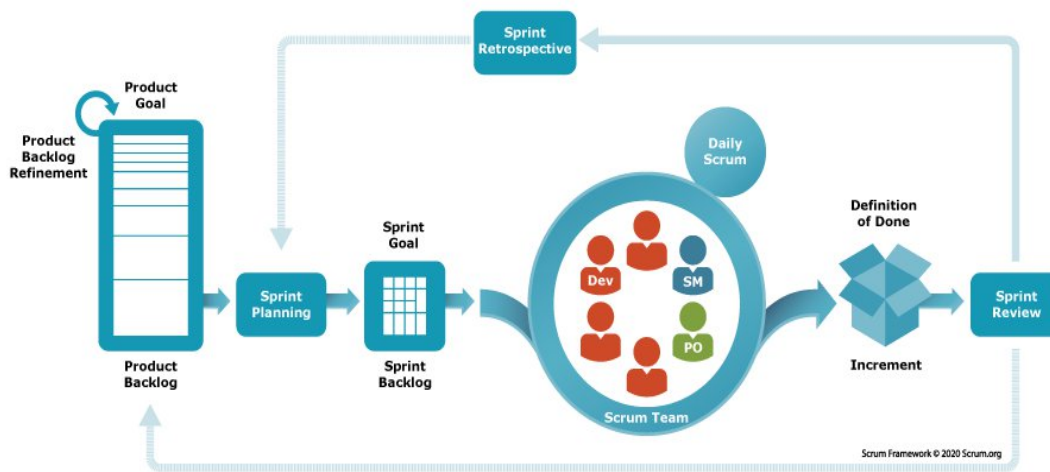
Agile is a work approach and mindset focused on rapid adaptation, collaboration, and delivering value in small increments. It's not a specific methodology but rather an umbrella term for various frameworks and practices that emphasize flexibility and responding to change. Agile originated in software development but is now widely used in other fields.

AGILE METHODOLOGY:

The Agile methodology is a collection of project management frameworks that break projects down into smaller phases. It relies on iterative cycles, allowing teams to adapt to changes and regularly refine their work. Agile is built on four main values from the Agile Manifesto:

- **People over processes:** Teams work together closely, solving problems through open conversations.
- **Working solutions over detailed documentation:** Agile teams prioritize building and testing usable products over writing lengthy reports.
- **Customer collaboration over rigid contracts:** Agile encourages ongoing discussions with customers to adjust work as needed.
- **Adapting to change over following a strict plan:** Agile teams stay flexible, ready to adjust to new information, customer needs, or shifting priorities.

WHAT IS SCRUM?



Scrum is a management framework that teams use to self-organize and work towards a common goal. It describes a set of meetings, tools, and roles for efficient project delivery. Much like a sports team practicing for a big match, Scrum practices allow teams to self-manage, learn from experience, and adapt to change. Software teams use Scrum to solve complex problems cost effectively and sustainably.

SCRUM METHODOLOGY:

Scrum principles for project success:

Transparency

Teams work in an environment where everyone is aware of the challenges that others might be experiencing. Regular face-to-face conversations between cross-functional team members and project owners prevent miscommunication and information bottlenecks.

Reflection

Frequent reflection points are built into the framework to allow team members to review their progress. Project managers use insights from these review meetings for estimation and future planning. As a result, projects can run more efficiently, within budget, and on schedule.

Adaptation

Team members can reprioritize tasks based on changing customer requirements. They decide which tasks to complete first and which to revisit in the future.

Scrum values for project teams:

Scrum Teams follow five core values.

Commitment

Scrum Team members are committed to time-based tasks and goals and are dedicated to continuous improvement to find the best solution.

Courage

Scrum Teams show courage by asking open, challenging questions. They have honest and transparent discussions to arrive at the best solution.

Focus

During any given period, team members will work from a Product Backlog of tasks. They will focus on the selected tasks to provide deliverables within a limited time frame.

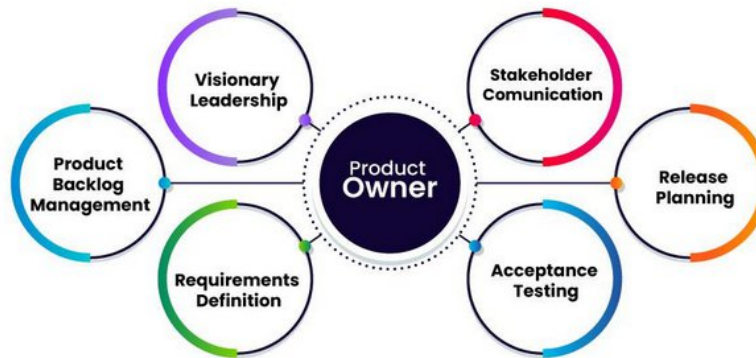
Openness

Scrum Team members are open to new ideas and opportunities that support individual learning and overall project quality.

Respect

Team members respect the project managers, each other, and the Scrum process. This culture of respect creates a spirit of mutual collaboration and cooperation within the team.

WHAT IS A SCRUM PRODUCT OWNER?

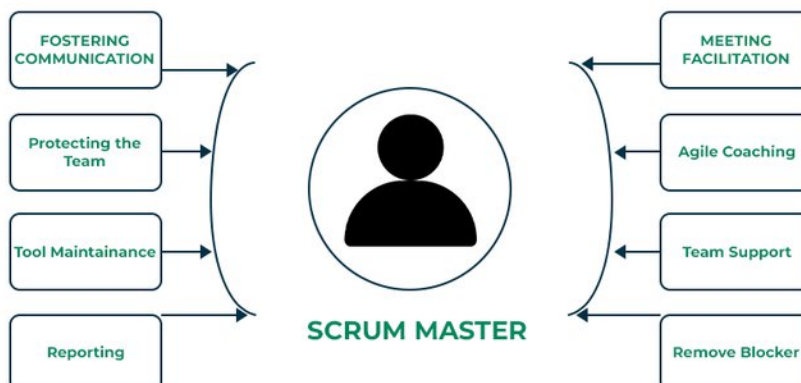


In the scrum methodology, the Scrum Product Owner is usually a project's key stakeholder—typically someone from marketing or product management, or the lead user of a system. They have a deep understanding of users, the marketplace, competitors, and trends.

The scrum guide states that “the Product Owner is responsible for maximizing the value of the product resulting from work of the development team. How this is done may vary widely across organizations, Scrum teams, and individuals.” One of their key responsibilities is managing the product backlog—the prioritized features list for the product.

The Scrum Product Owner prioritizes work during the sprint planning meeting and motivates the team with clear goals, answering any questions. The development team decides how much work they can do, taking the items from the top of the product backlog list.

WHAT IS A SCRUM MASTER?



The Scrum Master is accountable for establishing Scrum. They do this by helping everyone understand Scrum theory and practice, both within the Scrum Team and the organization while serving the Scrum Team as well as the larger organization.

However, a Scrum Master is much more than this. The role of the Scrum Master has a lot of layers and facets to it. While building awareness around Scrum and enabling greater agility, Scrum Masters also need soft skills that are needed to coach and mentor members of the Scrum Team and others in the organization. Scrum Masters are accountable for helping their teams succeed, and that often means offering them assistance in groups or on a one-on-one basis. They may facilitate exercises, give guidance or help people come to conclusions on their own. Not everyone has the skills necessary to be a Scrum Master, and that is important to keep in mind when considering this career path.