

Scrum Team



Development Team

The Development Team delivers a potentially releasable, „done“ Product Increment at the end of each Sprint. Only members of this self-contained and self-organizing team work on the Product Increment.



Scrum Master

As a servant leader, the Scrum Master supports the Product Owner, the Development Team and the organization to adopt Scrum and its values. It is his responsibility to ensure Scrum is understood and enacted by the Scrum Team and the organization.



Product Owner

The Product Owner is responsible for maximizing the value of the Development Team by focusing them on turning the most valuable Product Backlog items into potentially releasable Product Increments. The Product Owner is the sole person to decide what needs to be done and to manage the Product Backlog.

Artifacts



Product Backlog

In the Product Backlog, the Product Owner keeps everything that might be needed in the product. It is a prioritized list of requirements to be implemented by the Development Team. The Product Backlog is a living document which can be changed anytime.



Sprint Backlog

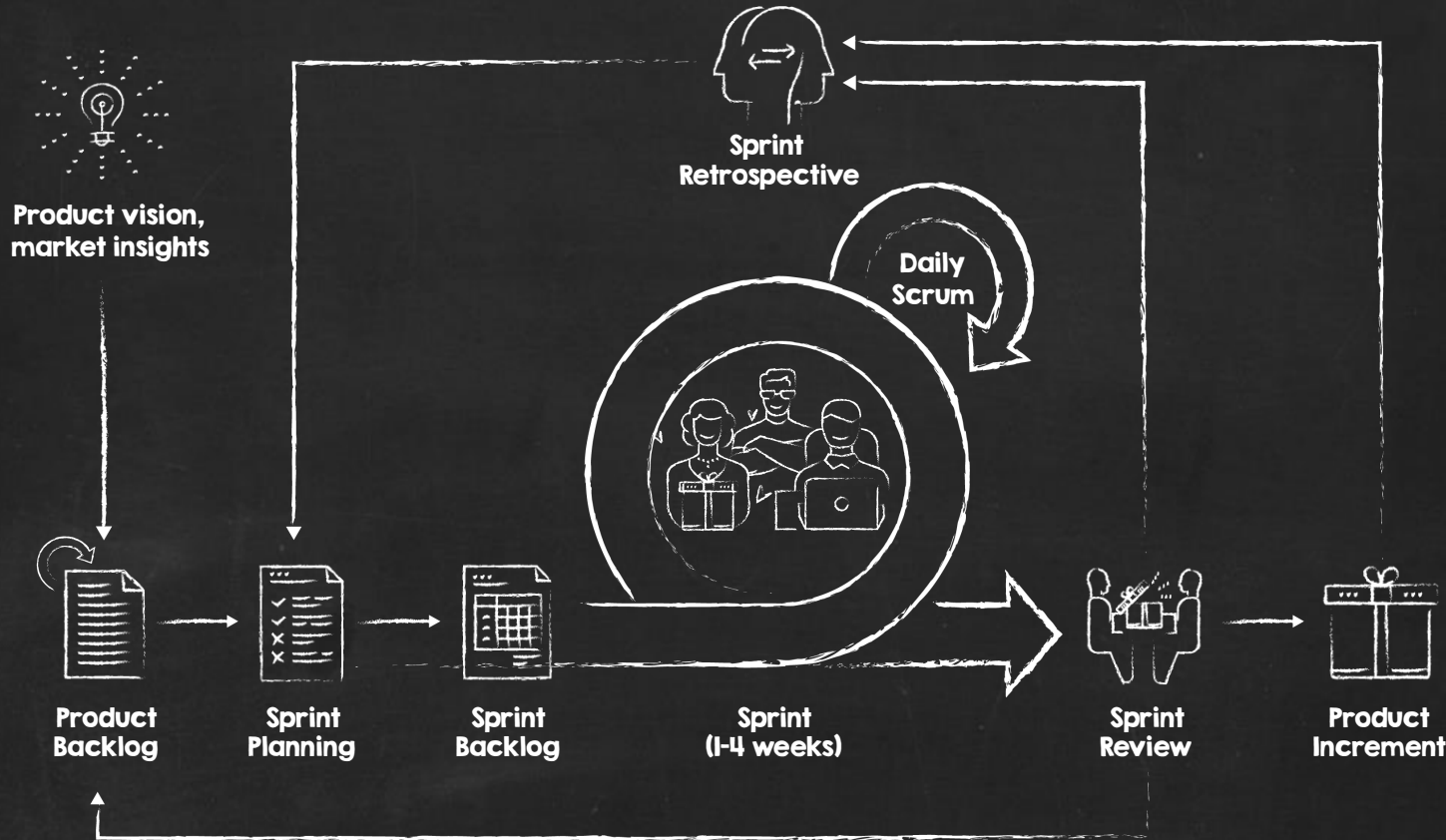
The Sprint Backlog is a selection of the Product Backlog items made by the Development Team during Sprint Planning. It is a forecast of the features the Development Team intends to implement within the next Sprint.



Product Increment

The Product Increment is the useable and potentially releasable sum of all Sprint Backlog items completed in a Sprint. The Product Increment meets the „Definition of Done“ mutually defined by the Development Team and the Product Owner.

The Scrum Framework



Events



Sprint

The heart of Scrum is the Sprint. This time-box is where the Scrum Team develops its potentially releasable Product Increment. It usually takes between one and four weeks and has a consistent duration throughout the project. There is no break between Sprints, and the next Sprint starts immediately after the end of the previous.



Daily Scrum

The Daily Scrum is an opportunity for the Development Team to synchronize. It is a 15-minute time-boxed event which is held every day. The Development Team inspects the work since the last Daily Scrum and plans the work until the next Daily Scrum.



Sprint Planning

In the Sprint Planning, the Development Team and Product Owner plan the work for the upcoming Sprint. During Planning, the Development Team decides what they can deliver and how they will deliver it.



Sprint Review

The Sprint Review takes place at the end of the Sprint. It is not a report of status but a review of the Product Increment. The main goal is to elicit feedback from users and stakeholders and, if necessary, adjust the Product Backlog based on that feedback.



Sprint Retrospective

In the Sprint Retrospective, the Scrum Team has the opportunity to inspect and improve itself regarding its way of working, collaboration, communication and behavior, so that its practice will become more effective and enjoyable in the next Sprints.

Agile Manifesto

„We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

- Individuals and interactions over processes and tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

That is, while there is value in the items on the right, we value the items on the left more.“

Scrum Values

Focus

Because we focus on only a few things at a time, we work well together and produce excellent work. We deliver valuable items sooner.

Courage

Because we work as a team, we feel supported and have more resources at our disposal. This gives us the courage to undertake greater challenges.

Openness

As we work together, we express how we're doing, what's in our way, and we share our concerns so they can be addressed.

Commitment

Because we have great control over our own destiny, we are more committed to success.

Respect

As we work together, sharing successes and failures, we come to respect each other and to help each other become worthy of respect.



Refinement

Product Backlog refinement, or grooming, is a collaborative, recurring activity of the Product Owner and Development Team. With the support of the Scrum Master, they find a way to add detail, estimates and order to items in the Product Backlog. This should not consume more than 10% of the Development Team's Sprint capacity.

Management

Managers support the Scrum Team by ensuring the Product Owner has all insights and information needed to create a product of the highest possible value. They support the Scrum Master to facilitate organizational change towards empiricism, self-organization, bottom-up intelligence, and intelligent releases. Managers also empower the Scrum Team to self-organize, and they act as servant leaders by creating an environment within which the Scrum Team can thrive.

SOURCES

- <http://www.scrum.org>
- <http://www.scrumguides.org>
- <http://agilemanifesto.org>
- <http://agilemanifesto.org/principles.html>

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