

TECHNOLOGY



Coding Bootcamp

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Agile

Scrum Events



Learning Objectives

By the end of this lesson, you will be able to:

- 🕒 Design a comprehensive sprint plan that includes tasks, roles, and timelines based on a given project scenario
- 🕒 Develop a detailed agenda for a sprint review meeting that includes a demonstration of work done, gathering feedback, and discussing the product backlog
- 🕒 Create an actionable improvement plan based on insights from a sprint retrospective, including specific tasks and responsible team members
- 🕒 Apply backlog refinement techniques to prioritize tasks and ensure the backlog is well-organized and actionable

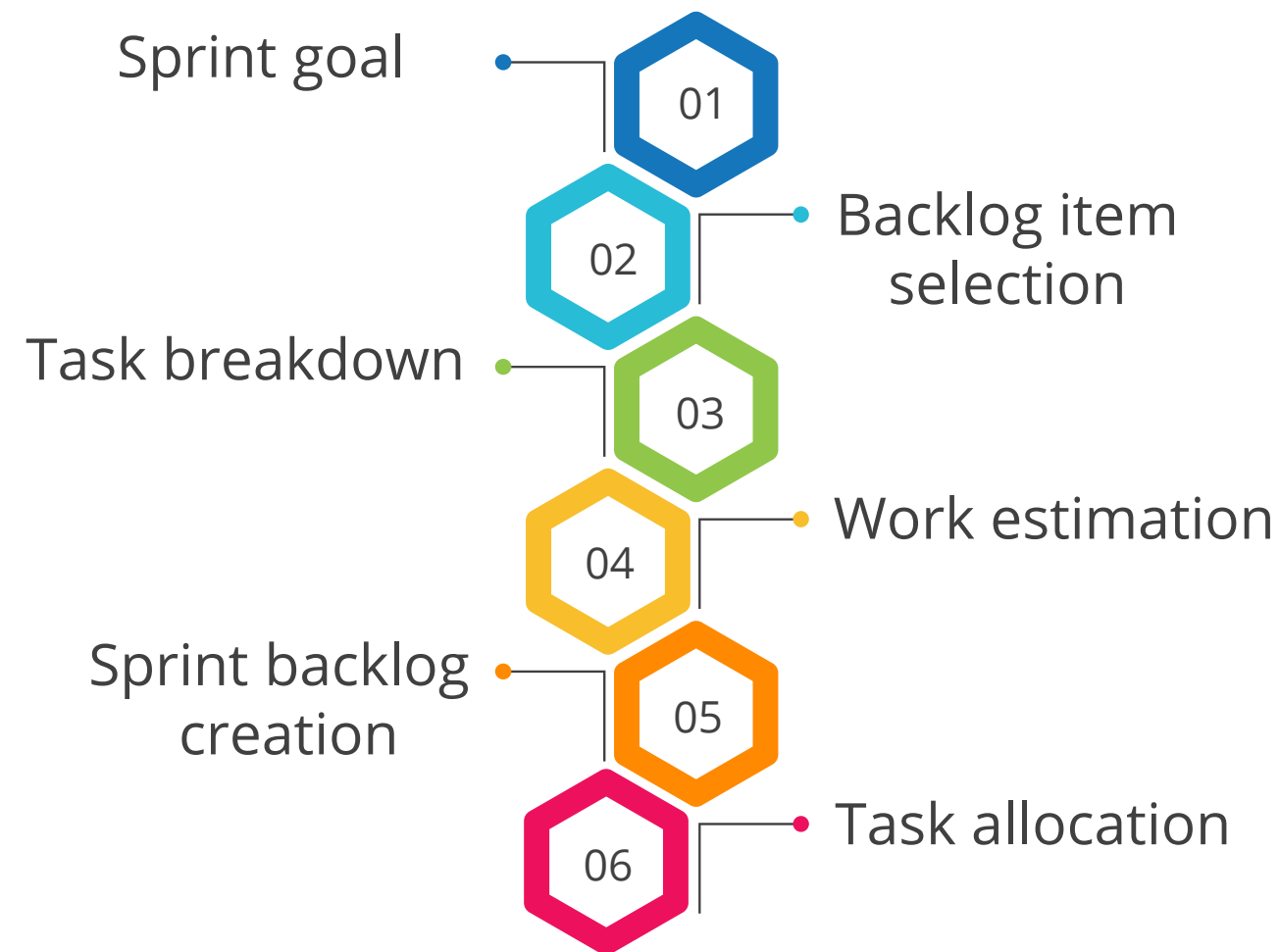


Sprint Planning and Daily Scrums

Sprint Planning

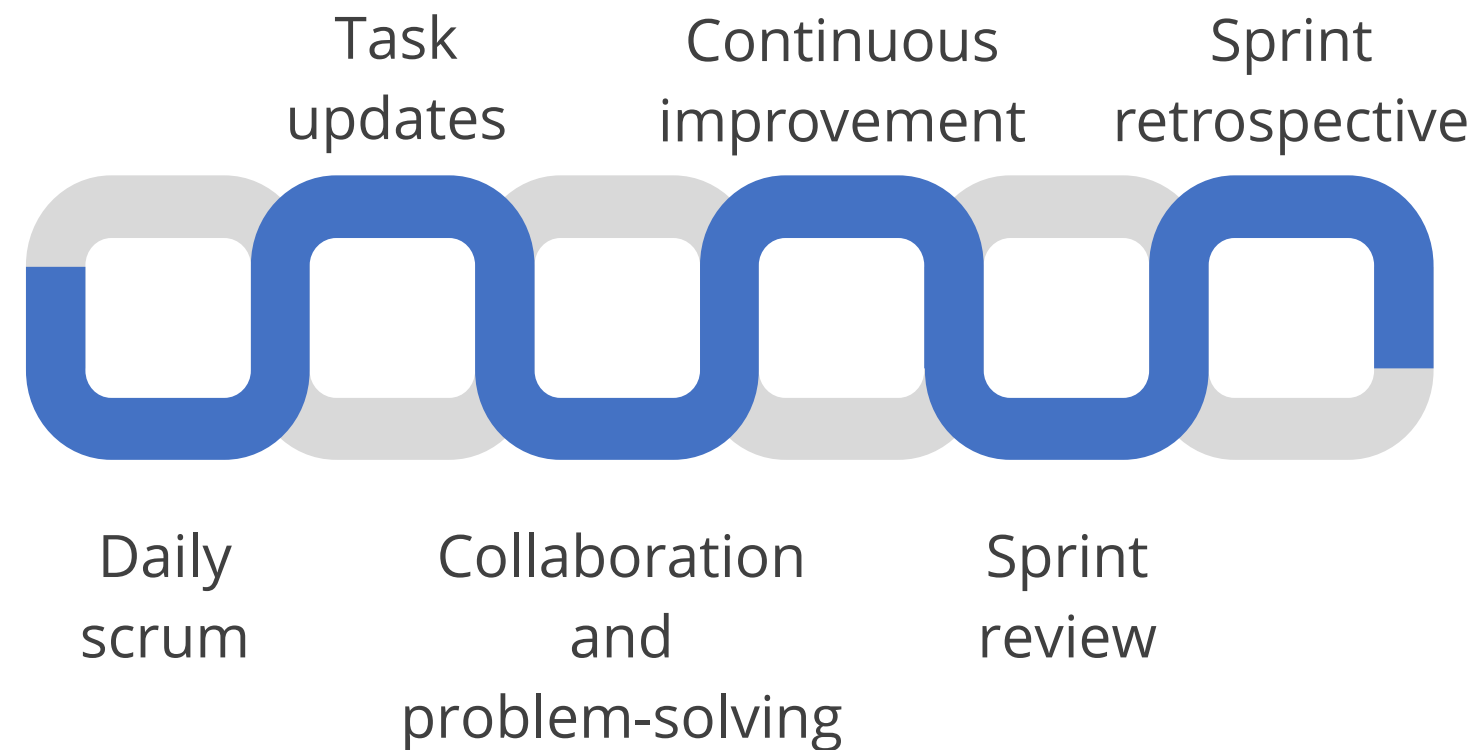
Sprint planning is a meeting where the developers along with the product owner and scrum master defines the sprint goal, selects backlog items, and creates a plan to achieve them.

The key components of sprint planning include:



Sprint Execution

After sprint planning, the scrum team moves into the execution phase of the sprint, which involves the following key activities:



By following these steps, the scrum team ensures that they remain on track to deliver valuable increments of the product and continuously improve their processes and teamwork.

Daily Scrum Meeting

Daily scrum is a synchronization meeting to inspect progress towards the sprint goal.



It usually happens for 15 minutes.



Daily Scrum Meeting

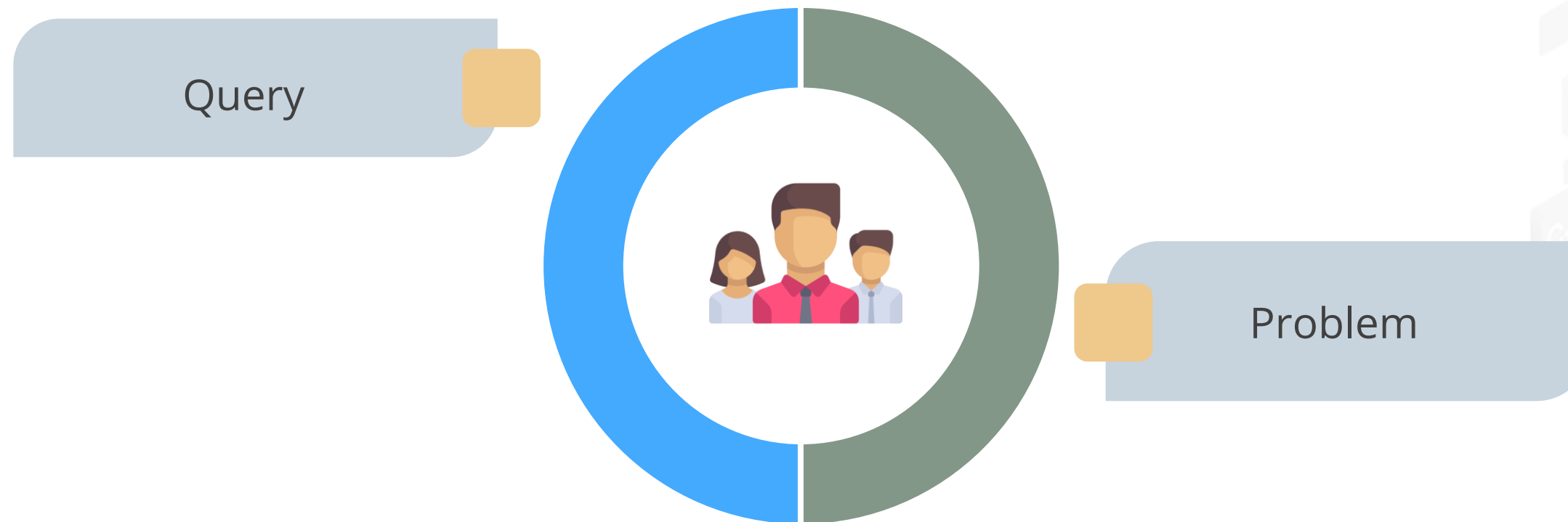
It is a 15-minute event for the scrum team's developers, held at the same time and place each working day of the Sprint.



If the product owner or scrum master are working on sprint backlog items, they join as developers.

Daily Scrum Meeting

Daily scrums help generate a project report that indicates whether the plans are being met. The major components of a daily scrum agenda are:



Queries ensure transparency and team alignment while addressing problems quickly. This resolves obstacles to maintain smooth progress.

Sprint Review Meeting

Sprint Review Meeting

The sprint review meeting is an event held at the end of each sprint. Its primary purpose is to inspect the increment of work done and adapt the product backlog if needed.



This meeting allows the scrum team and stakeholders to collaborate on what was accomplished during the sprint and plan for the future.

Sprint Review Meeting

The team demonstrates the achievements of the sprint to stakeholders by showcasing recently completed elements.



Projects like PowerPoint are forbidden, and a planning time is set.

Sprint Review Meeting

The sprint review:

Is a meeting where the scrum team assesses the completed work during the sprint

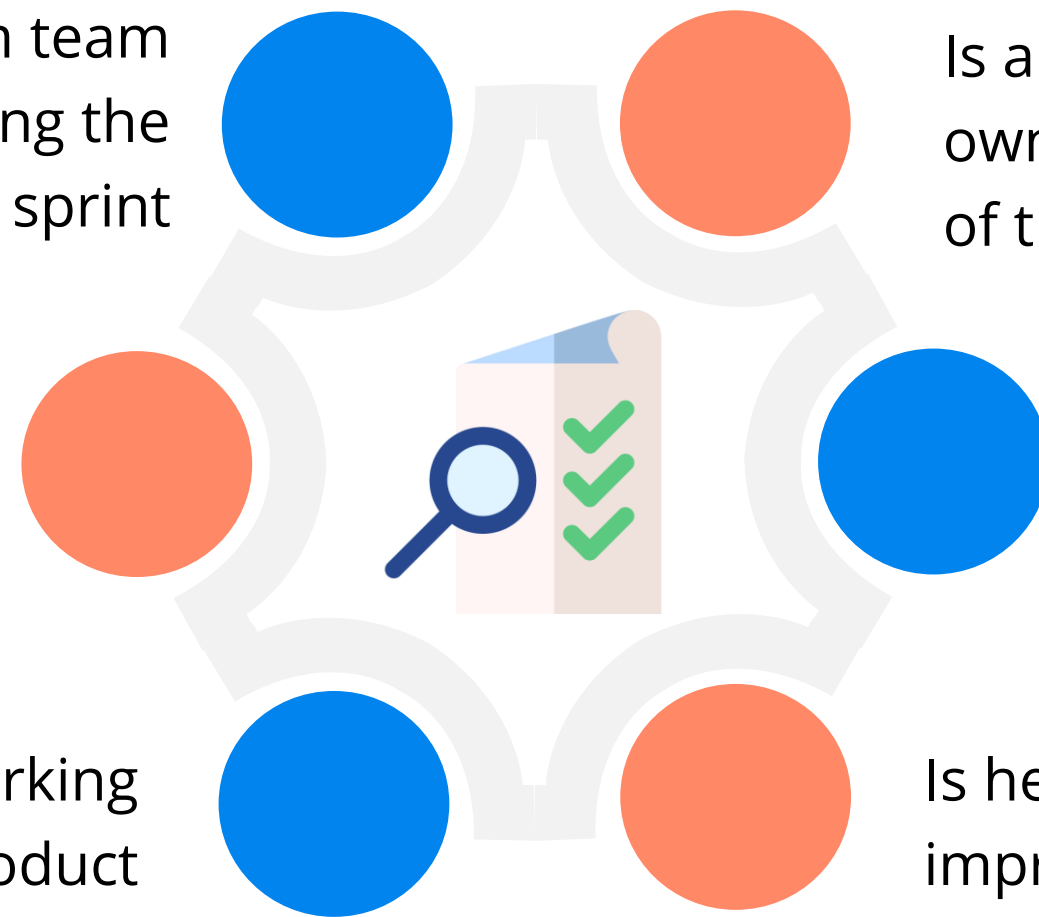
Is conducted once the sprint is finished

Demonstrates the working product

Is a meeting where the product owner discusses the current state of the product backlog

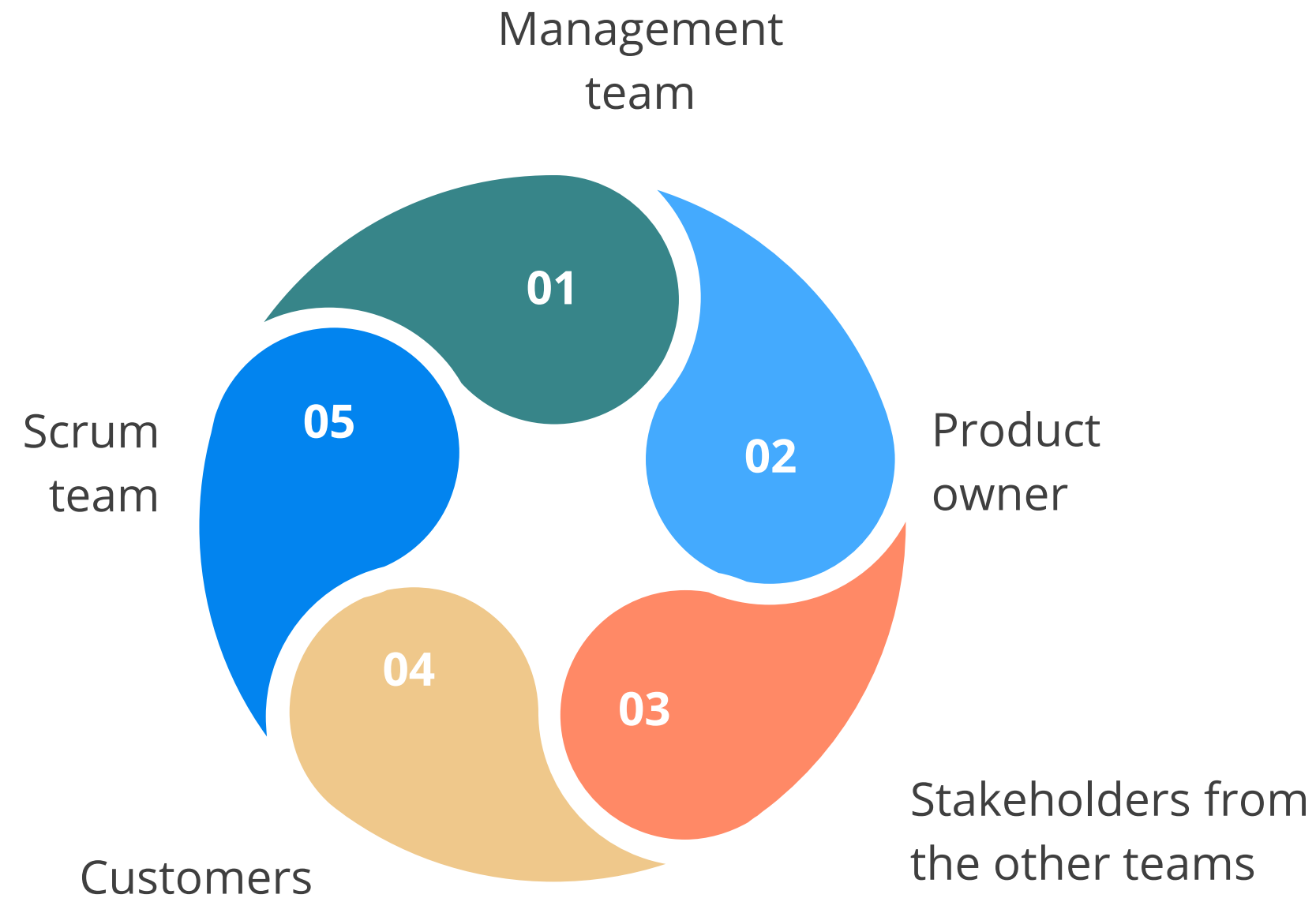
Involves sharing data with stakeholders

Is held to gather feedback for improvement



Sprint Review Meeting

This meeting includes the involvement of:



Sprint Retrospective

Sprint Retrospective

The sprint retrospective is a meeting held at the end of each sprint, following the sprint review meeting.

The following questions are discussed in this meeting:

What are the bad aspects of the sprint?

What are the good aspects of the sprint?

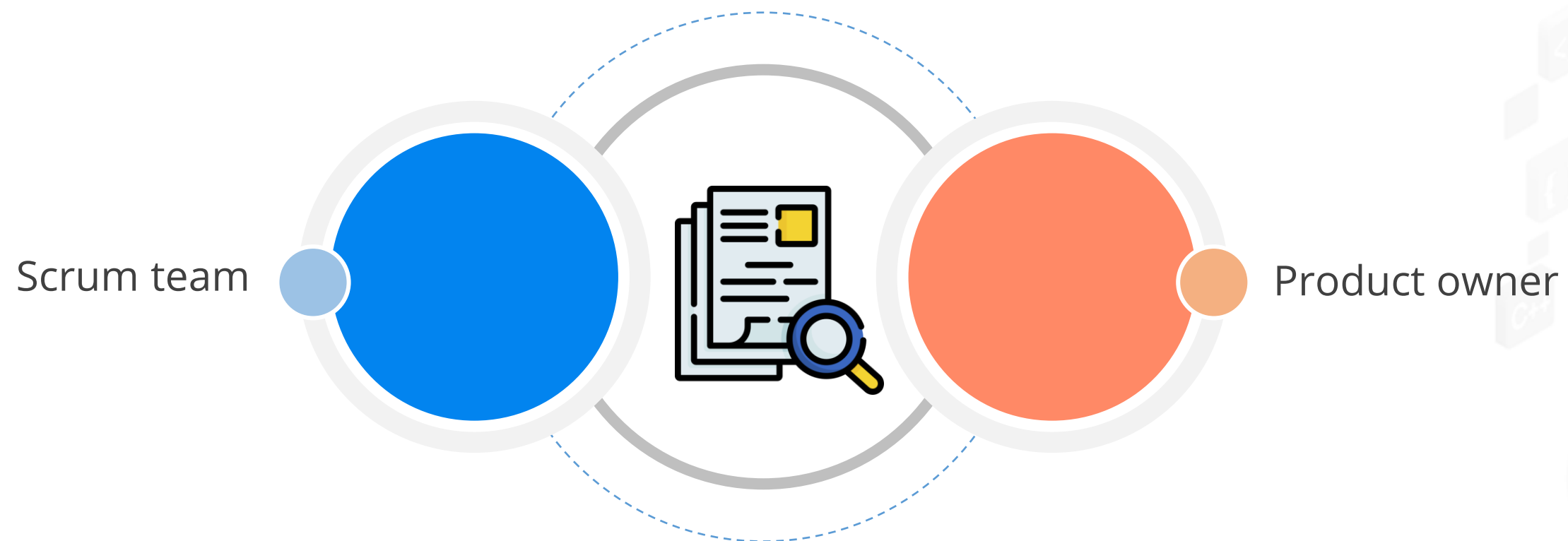


What lessons did they learn from the sprint?

What can be done better in the next sprint?

Sprint Retrospective

A scrum review can be scheduled for up to sixty minutes, which is typically sufficient. The key participants of this meeting are:

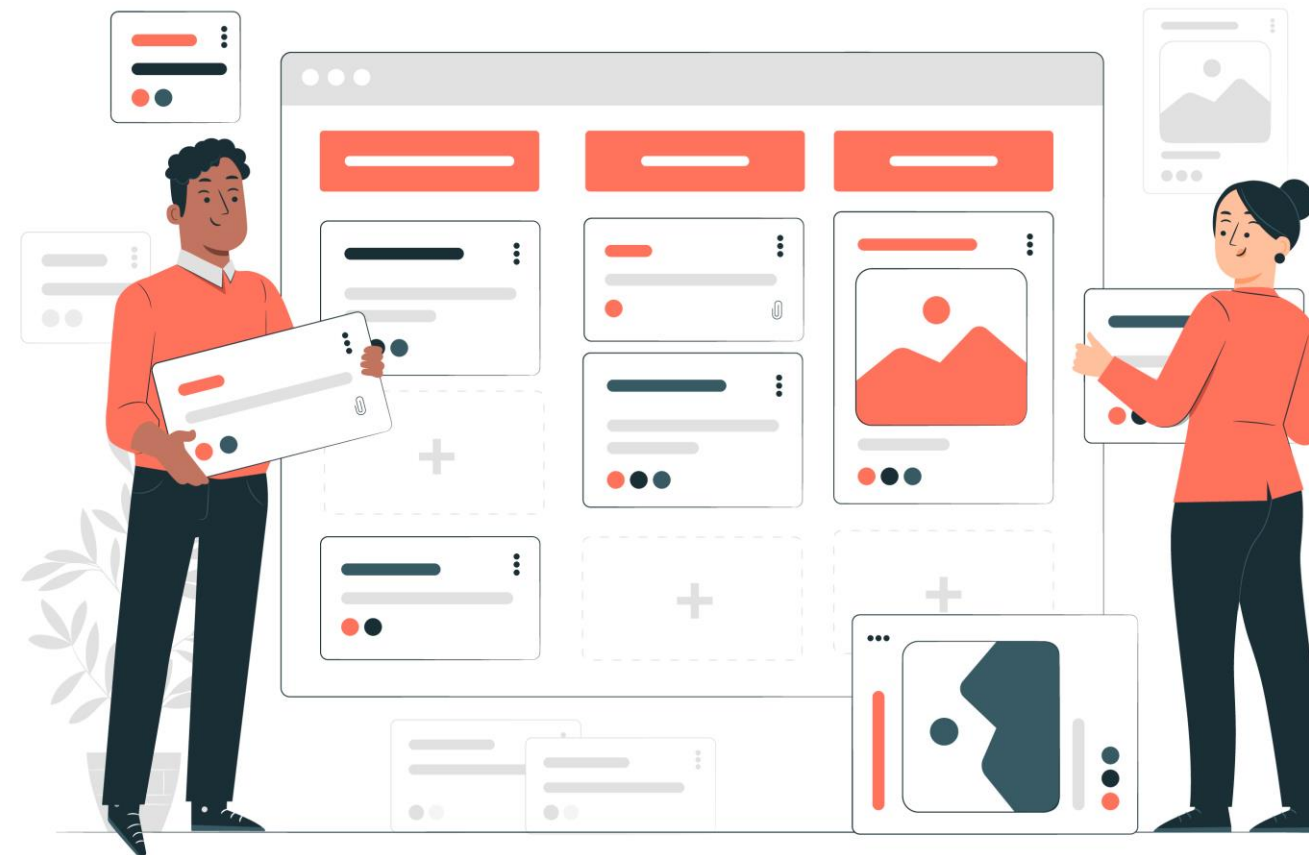


These participants ensure that the sprint retrospective is comprehensive, inclusive, and focused on continuous improvement.

Backlog Refinement

Backlog Refinement

Backlog refinement is a crucial process in Agile project management that involves reviewing and prioritizing the items in the product backlog.



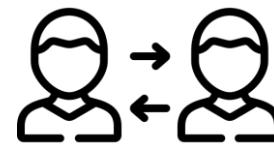
This process ensures that the team is working on the most important tasks and that the backlog remains relevant and manageable.

Backlog Refinement

The product owner and the developers work together to guarantee that things on the product backlog are:

Perceived the same way by being thoroughly involved

Gauged for the intricacy and exertion of their execution

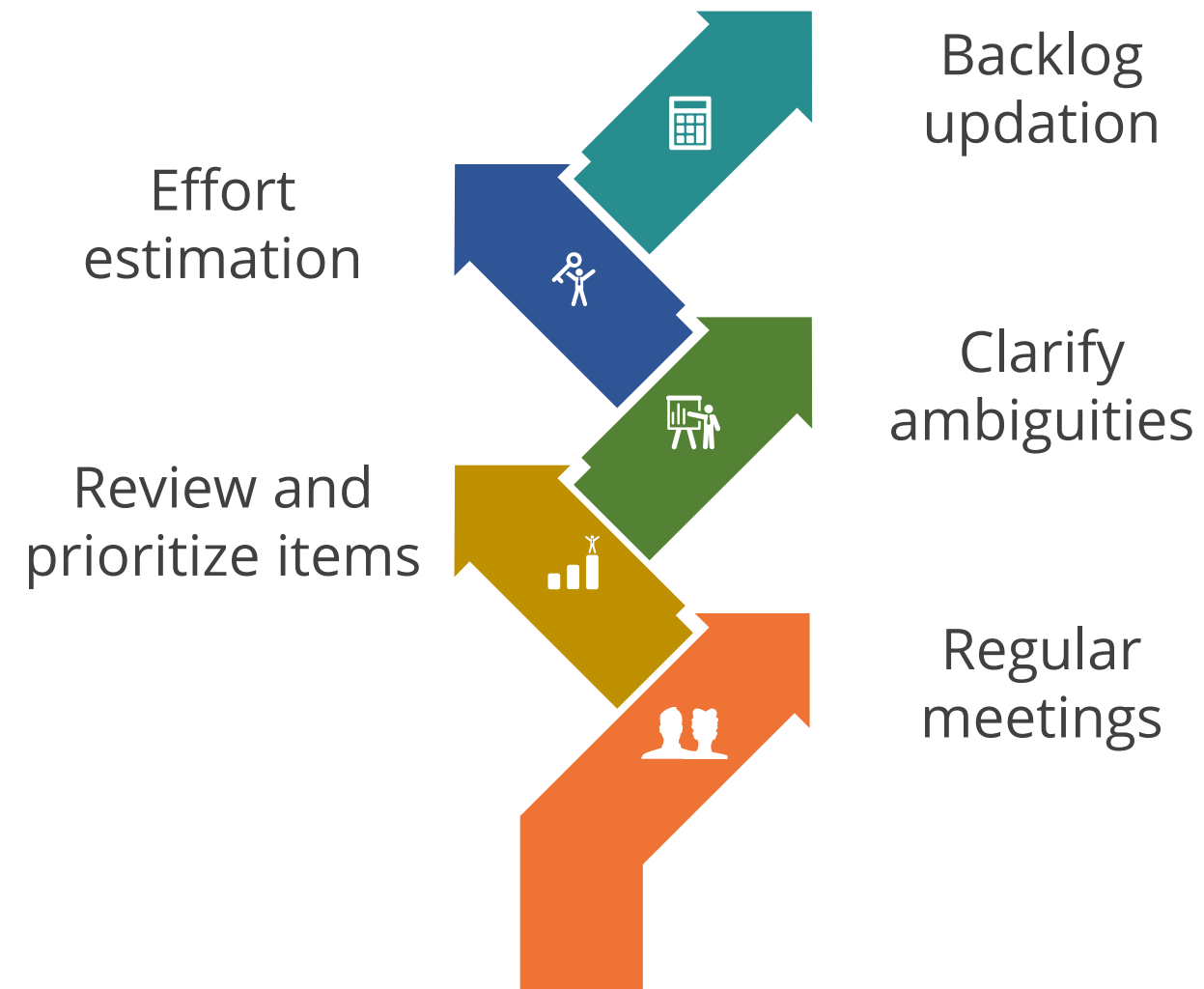


Prioritized based on business worth and the effort required



Backlog Refinement

The key steps and best practices for creating an effective backlog refinement include:

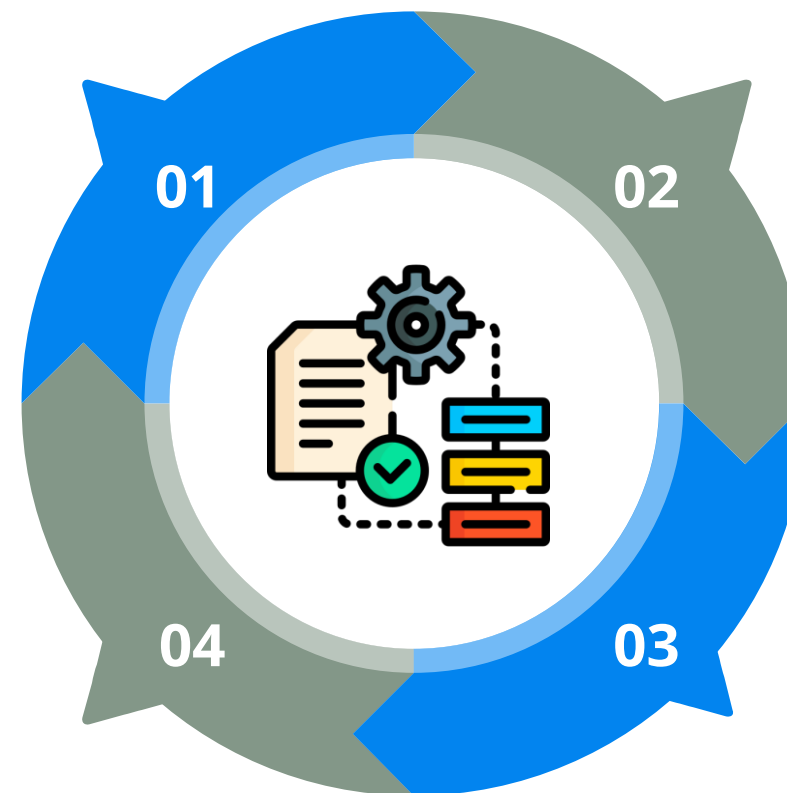


Backlog Refinement

It involves enhancing clarity and preventing misunderstandings by incorporating details into an implementation plan, such as:

Requirements

Edge cases



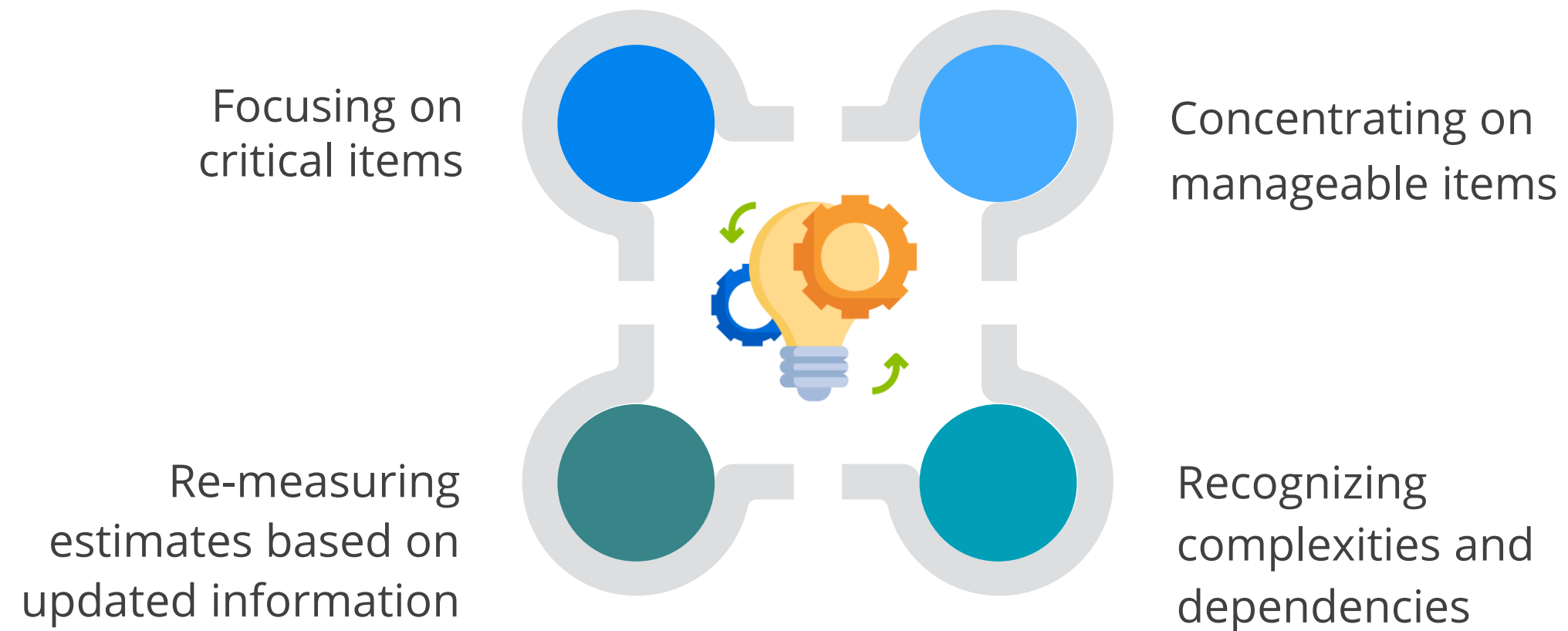
Models

Acknowledgement

These elements contribute to a well-refined backlog that is clear, actionable, and aligned with the project goals.

Backlog Refinement

Estimation in backlog refinement include:

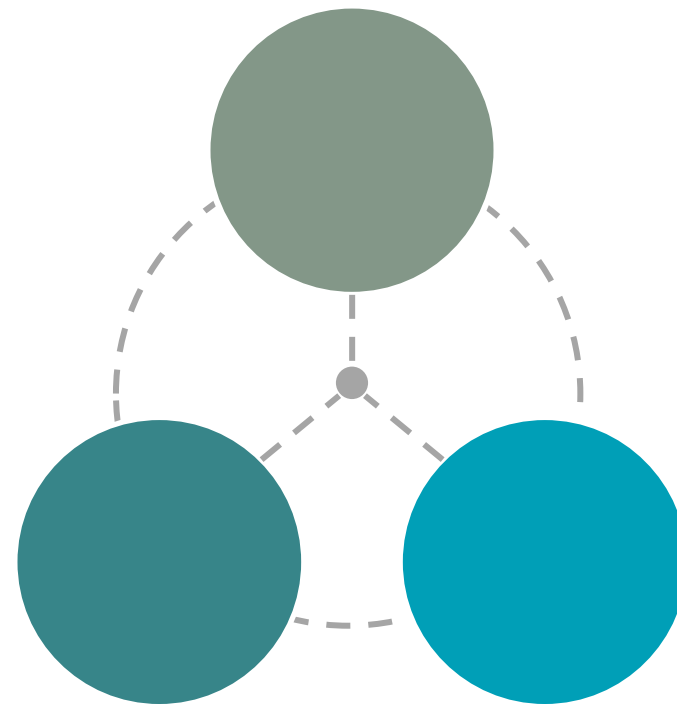


Backlog Refinement

The advantages of backlog refinement are as follows:

It keeps the product backlog clean and significant.

It works on the proficiency of the sprint planning meeting.



It helps to create a shared understanding between the scrum team and stakeholders.



Planning Sprint in Jira



Duration: 15 Min.

Problem Statement:

You are working as an Agile Scrum Master and have been asked to perform spring planning in Jira for a project. Demonstrate the steps to perform the same in Jira.

Outcome:

By completing this task, you will learn how to set up and manage sprints, ensuring alignment with Agile Scrum practices

Note: Refer to the demo document for detailed steps:
01_Planning_Sprint_in_Jira

ASSISTED PRACTICE

Assisted Practice: Guidelines

Steps to be followed:

1. Create a backlog
2. Create new issues
3. Edit the sprint



Key Takeaways

- 🕒 A daily scrum meeting is a status meeting that happens daily with all members of the Agile team.
- 🕒 Daily scrums help generate a project report that indicates whether the plans are being met.
- 🕒 The scrum team has access to the estimated backlog items.
- 🕒 Sprint planning is usually held toward the end of every sprint to ensure that it meets the objectives.
- 🕒 Backlog refinement gives a common perspective on the pros and cons of the product.



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Thank You