

TECHNOLOGY



Caltech | **Center for Technology &
Management Education**

Full Stack Java Developer

TECHNOLOGY



Agile

Scrum Ceremonies and Events



Learning Objectives

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

- 🕒 Use scrum methodologies to plan a project
- 🕒 Learn to connect with all the project stakeholders regularly
- 🕒 Plan review meetings with all stakeholders
- 🕒 Learn the best practices to plan and execute the meetings
- 🕒 Identify the ways to reduce and prioritize the items in the product backlog



A Day in the Life of a Full Stack Developer

As an Agile Scrum Master in your organization, you are given an ongoing project where you need to implement the Agile events and plan the project meetings.

As a task, you gather all the project stakeholders and explain to them the importance of each event and plan for the project. You set up daily stand-ups, planning meetings, review meetings, and more.

In this activity, you explore, give importance to, and demonstrate each event in detail.



Sprint Planning and Review

Sprint Planning and Review

Once the Sprint period is decided, the Scrum Master starts to plan the Sprint.



It involves daily stand-ups that help project stakeholders keep updated.

Sprint Planning and Review

A daily stand-up meeting is a daily status meeting with all the agile team members.



It is usually held for 15 minutes.



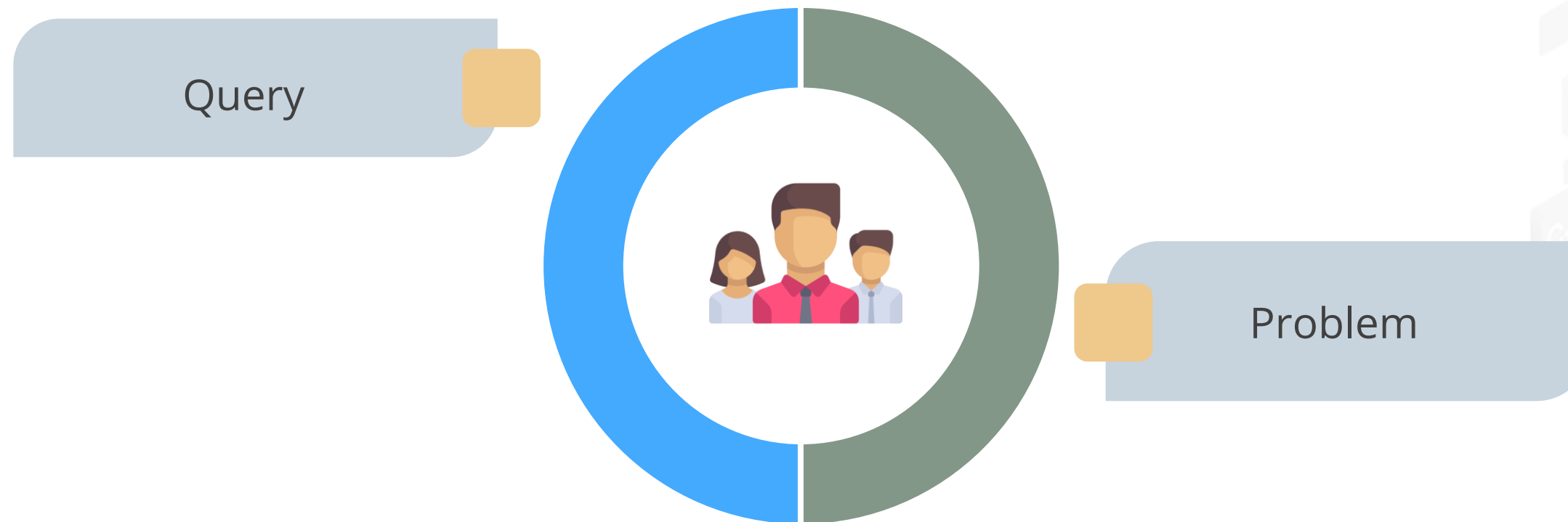
Sprint Planning and Review

These meetings are only for status updates, not for any other discussion.



Sprint Planning and Review

Daily stand-ups help to generate a project report that indicates whether the plans are met or not.



Sprint Planning and Review

It also helps to remove any obstacles in the project.



Sprint Planning and Review

This gathering helps set the Sprint by checking the Product Owner's objectives for this Sprint.



Sprint Planning and Review

The team and products owners evaluate the items that can pull from the Sprint backlog.



Scrum Master facilitates the Sprint Planning meeting.



Sprint Planning and Review

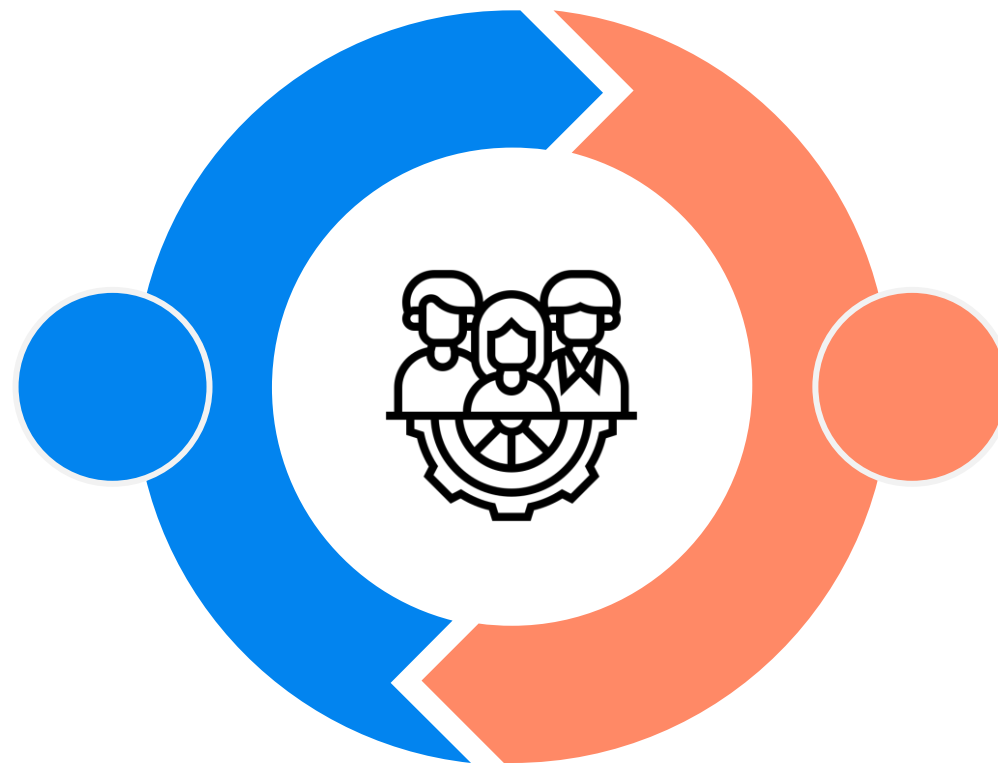
The Scrum team has access to the estimated backlog items.



Sprint Planning and Review

The team will consider an initial list of undertakings essential to finish items in the backlog in this meeting.

Analyze



Start preparing



Sprint Review Meeting

Sprint Review Meeting

The Scrum Master should start scheduling the sprint review meeting.



Sprint Review Meeting

The Sprint review:

is a meeting where the Scrum team assess what has been finished during the Sprint

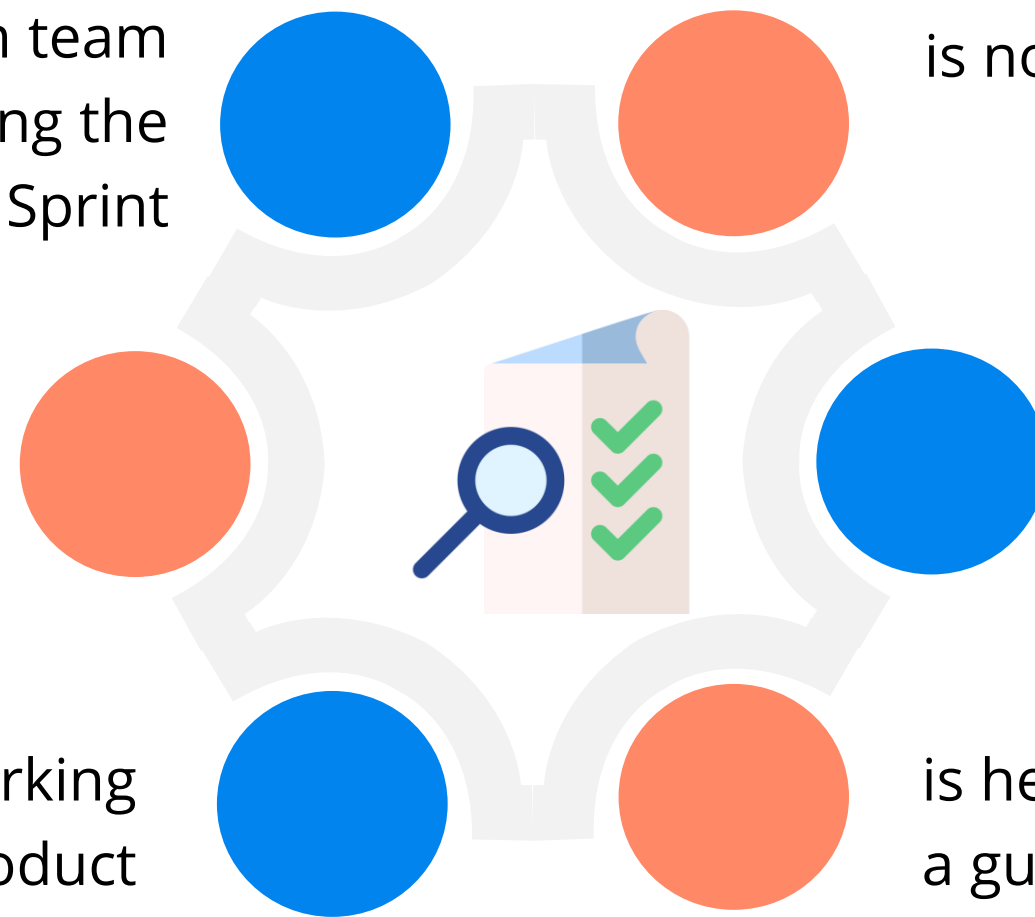
is conducted once the Sprint is finished

Demonstrates the working product

is not a review meeting

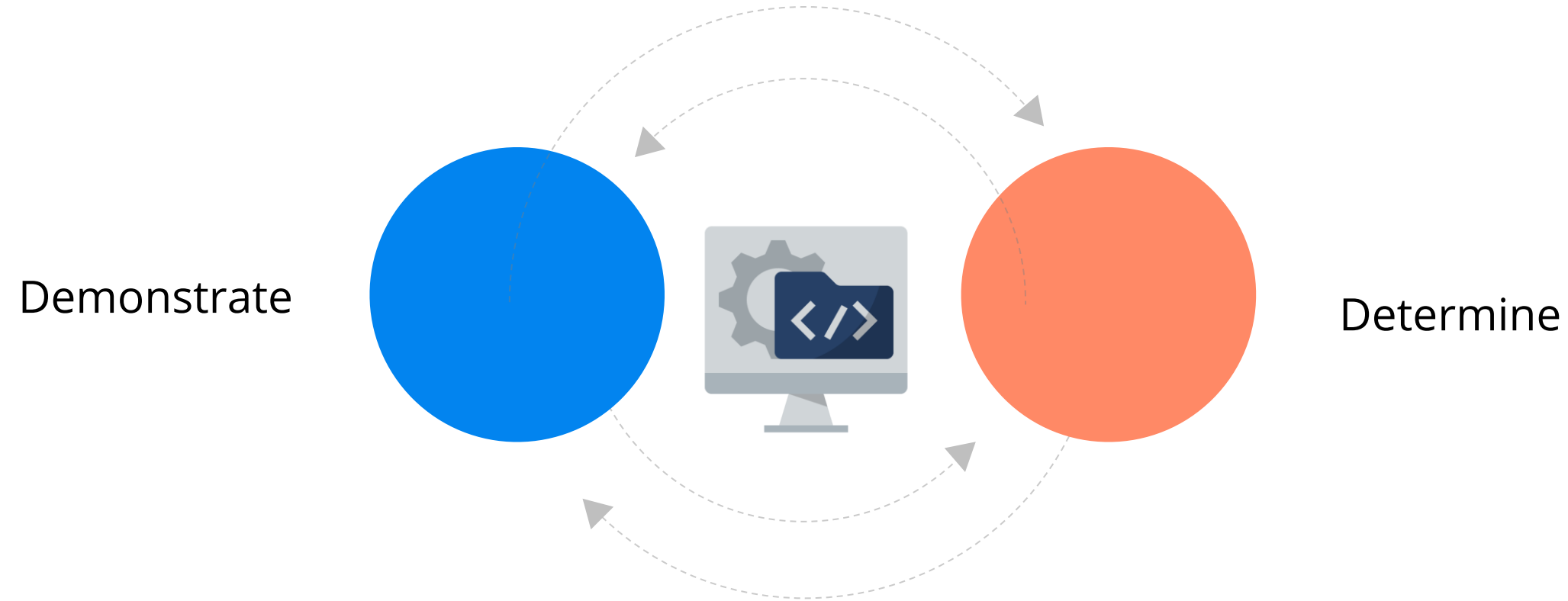
Involves sharing data

is held to get some input just as a guarantee



Sprint Review Meeting

It is usually held toward the end of every Sprint to ensure that it meets the objectives.



Sprint Review Meeting

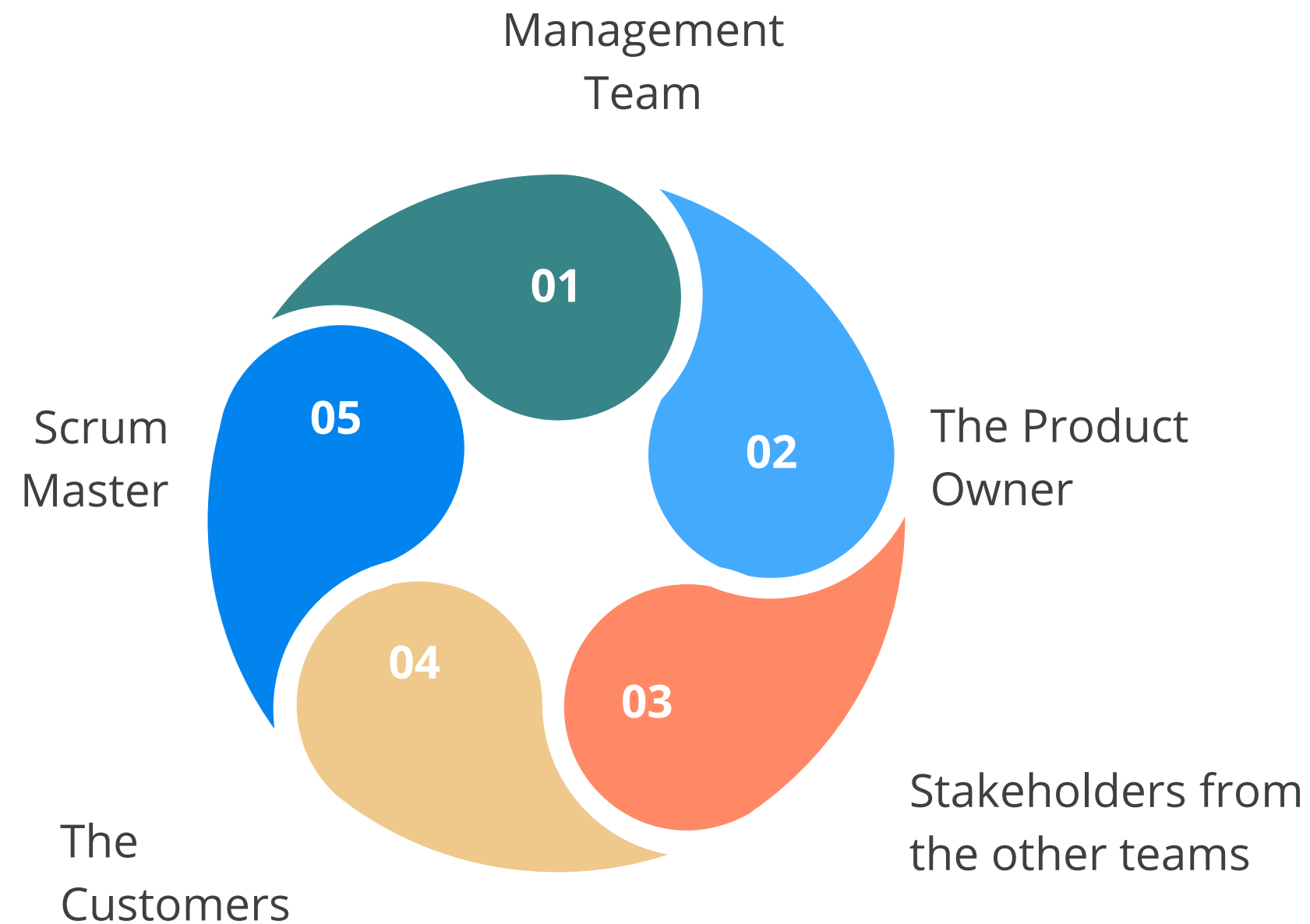
The team shows the partners what has been achieved during the review by exhibiting the recently planned elements.



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

Sprint Review Meeting

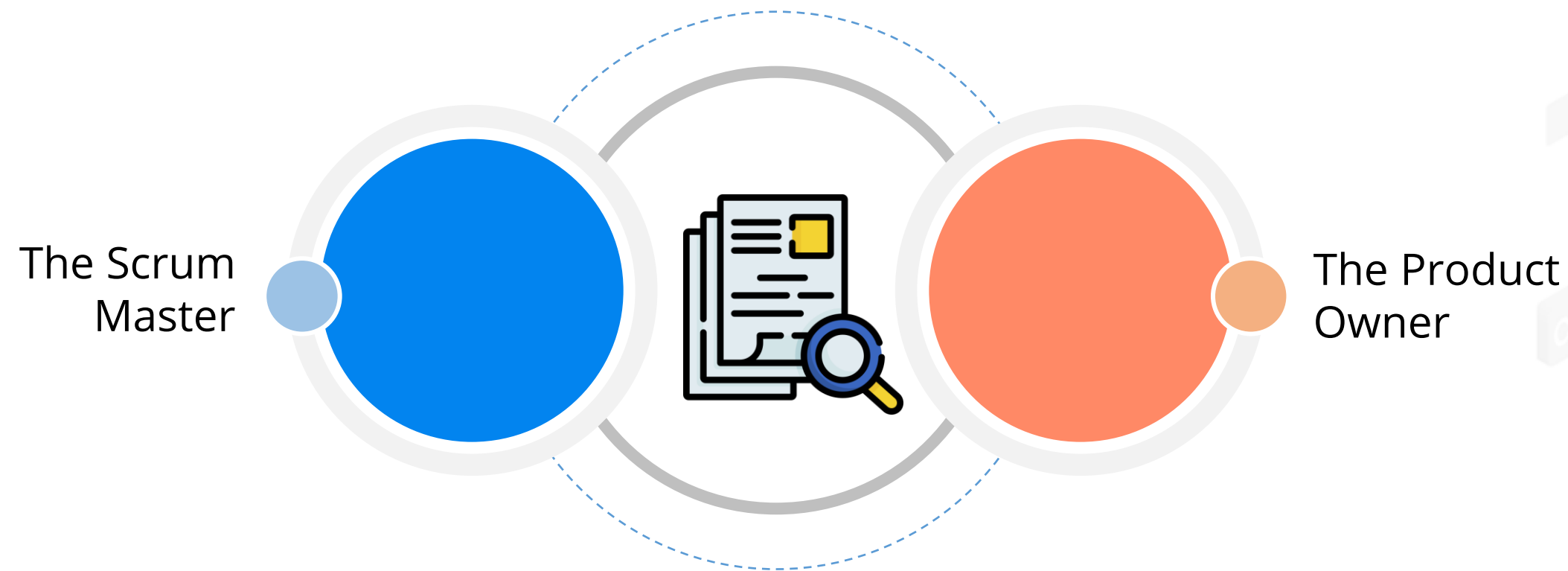
There is an interruption or significant diversion for the team.



Sprint Retrospective

Sprint Retrospective

A Scrum review can be planned for as long as sixty minutes, which is usually quite adequate.



An intriguing issue might come up and the review could take essentially longer.

Sprint Retrospective

During the Sprint retrospective meets, the team answers questions like:

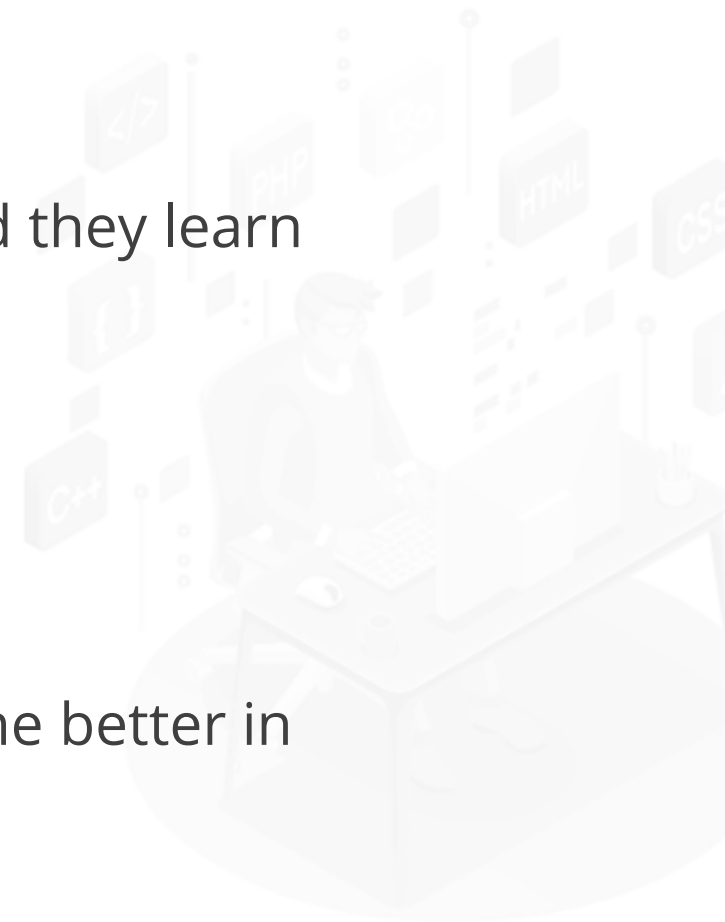
What are the bad aspects of the Sprint?

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?



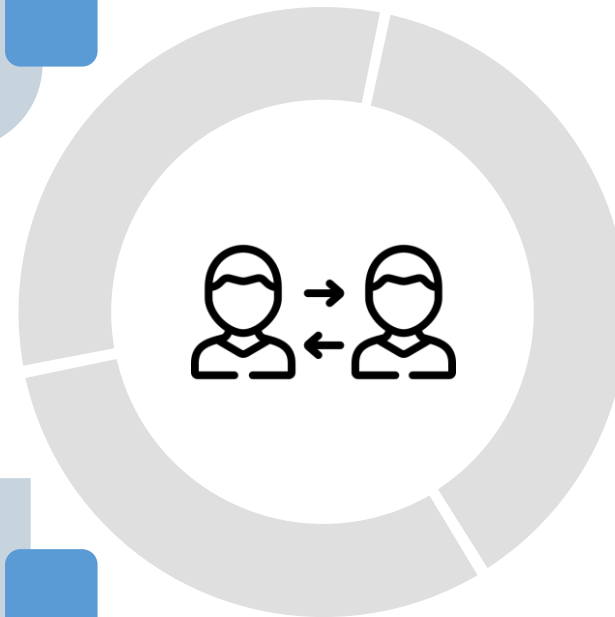
Backlog Refinement

Backlog Refinement

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

Perceived the same way by being thoroughly involved

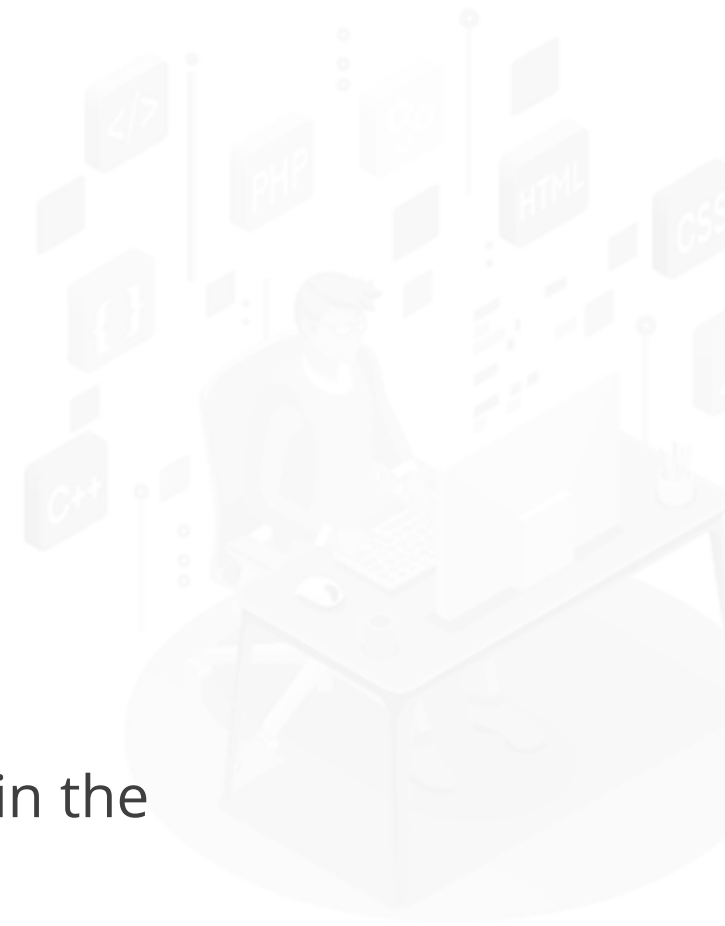
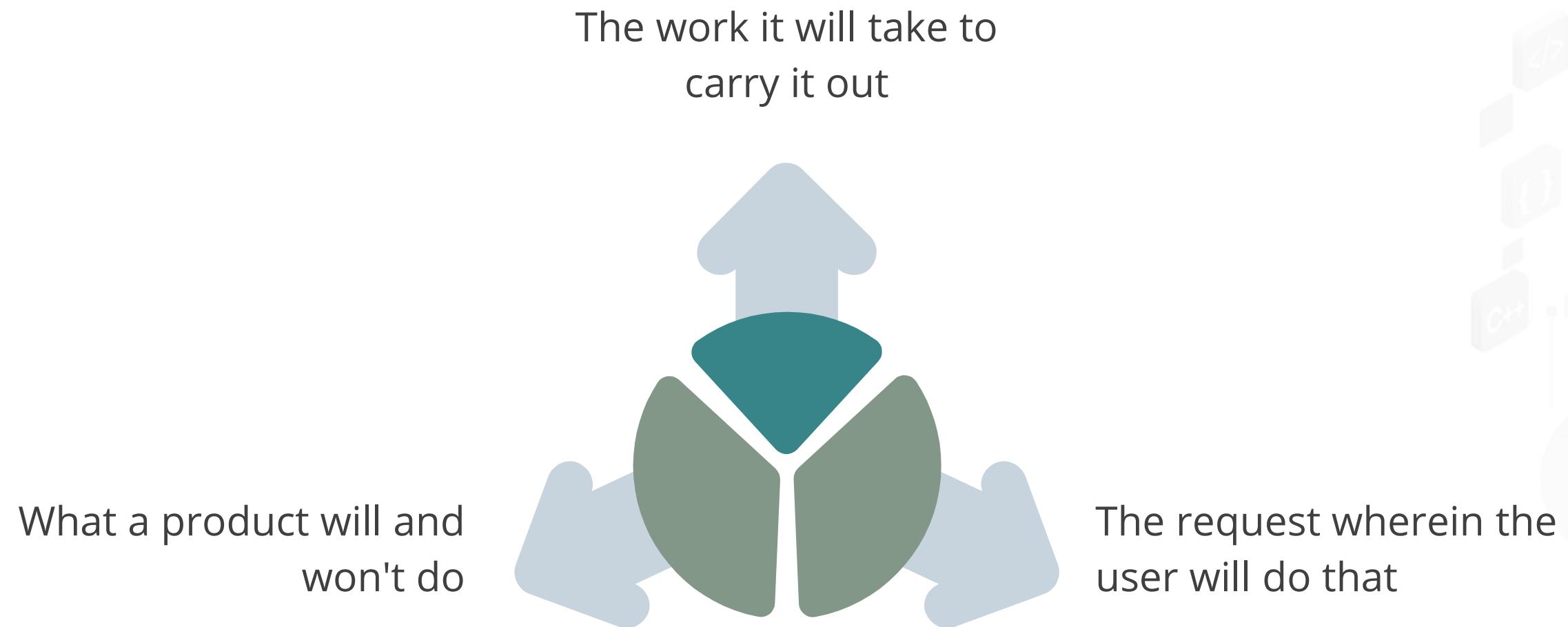
Requested by their need as far as business worth and effort required



Gauged for the intricacy and exertion of their execution

Backlog Refinement

Backlog Refinement is tied with the aspects of:

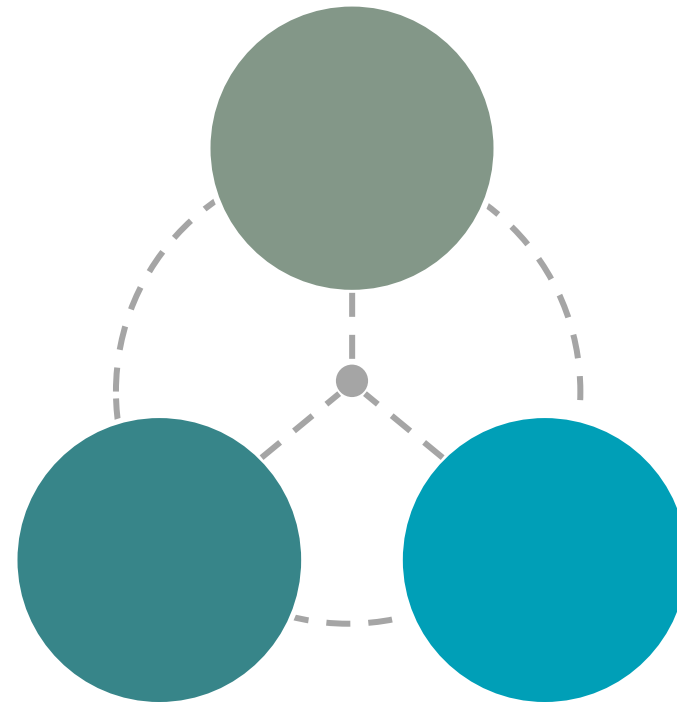


Backlog Refinement

Advantages of Backlog refinement are as follows:

It keeps the product backlog zeroed in clean, and significant.

It works on the proficiency of the Sprint Planning meeting.

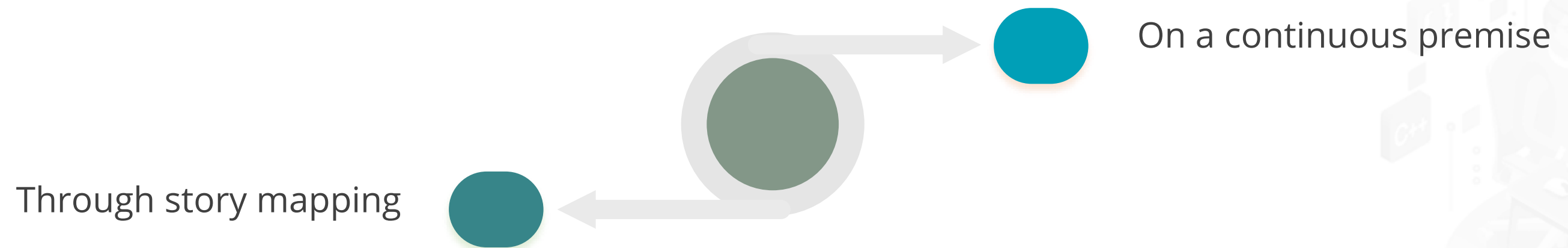


It helps to make a common perspective inside the Scrum team and the partners.



Backlog Refinement

Build-up refinement is bound to make a common perspective on the pros and cons of the product.

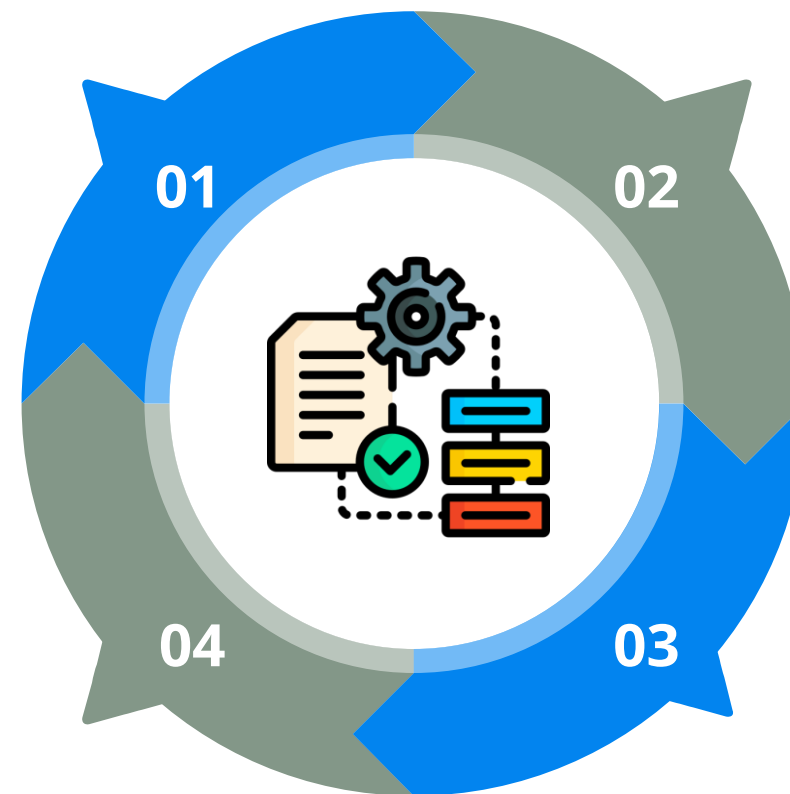


Backlog Refinement

It includes developing lucidity and forestalling misconception by adding subtleties in an execution arrangement, such as:

Requirements

Edge cases



Models

Acknowledgement



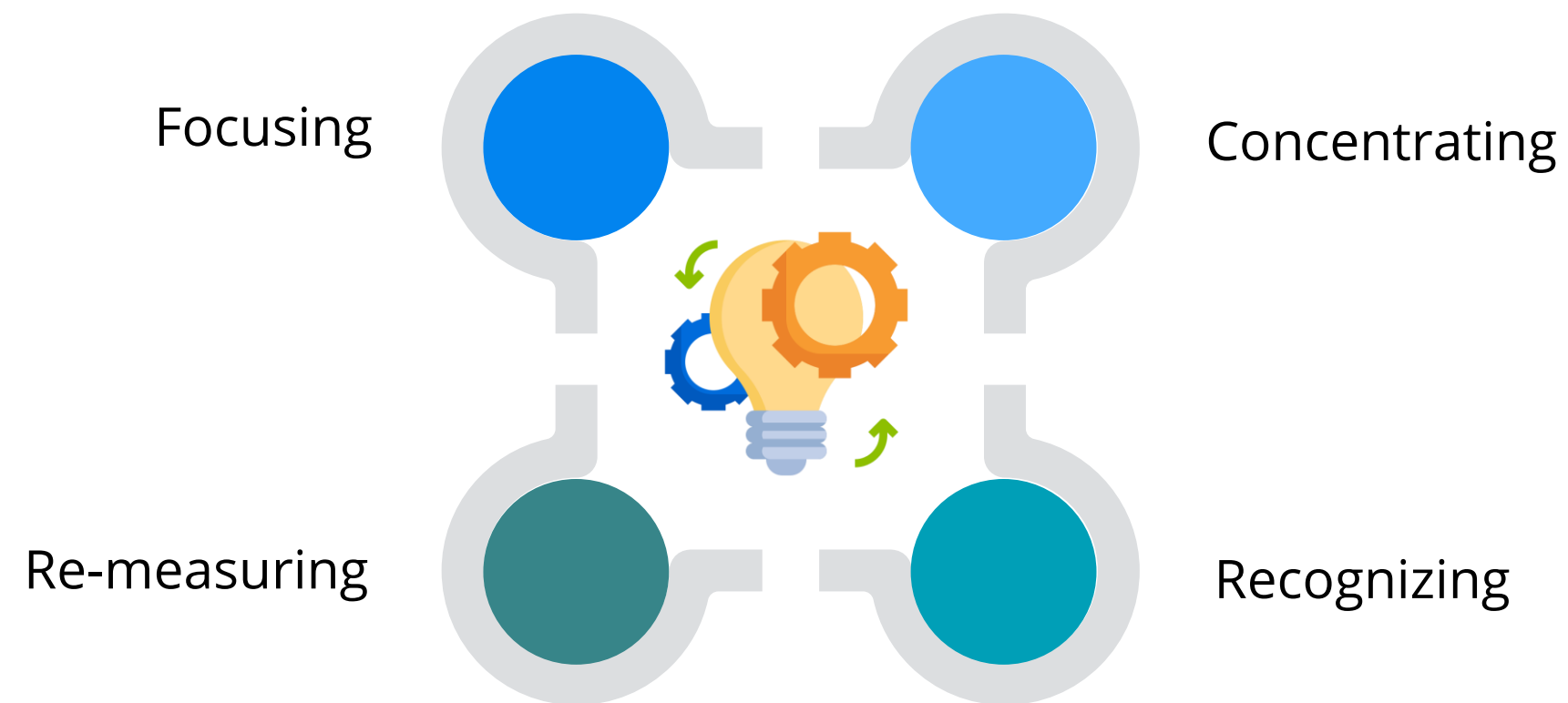
Backlog Refinement

Modest things are more engaged and reasonable and are more straightforward to measure.



Backlog Refinement

Estimating things, including:



Sprint Planning in Jira



Problem Statement:

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

ASSISTED PRACTICE

Assisted Practice: Guidelines

Steps to perform sprint planning in Jira are:

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



Key Takeaways

- 🕒 A daily stand-up meeting is a daily status meeting with all the Agile team members.
- 🕒 Daily stand-ups help to generate a project report that indicates whether the plans are met or not.
- 🕒 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.
- 🕒 Build-up refinement is bound to make a common perspective on the pros and cons of the product.



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Thank You