

SCRUM METHODOLOGY

BY Linuxify Team

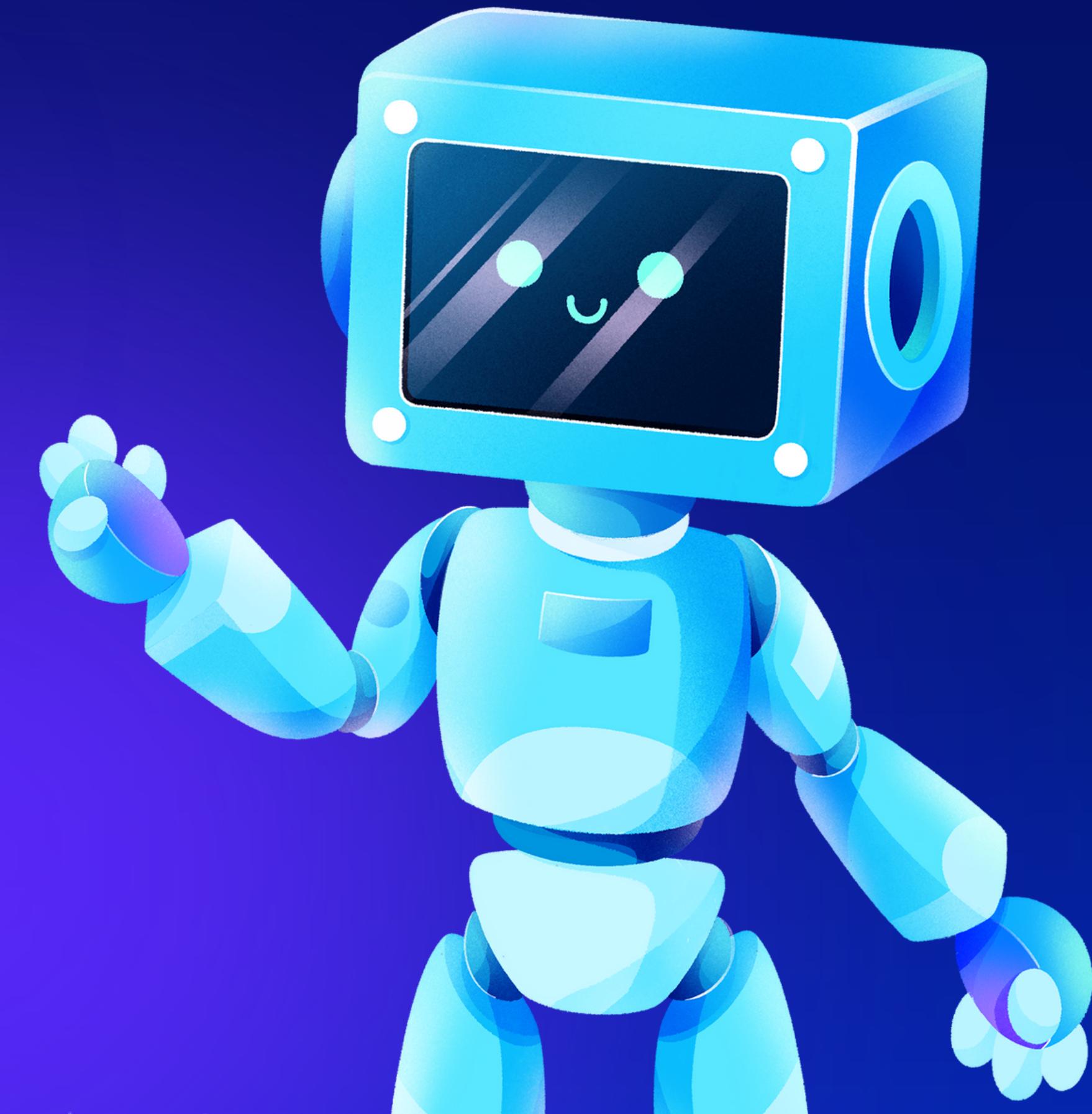




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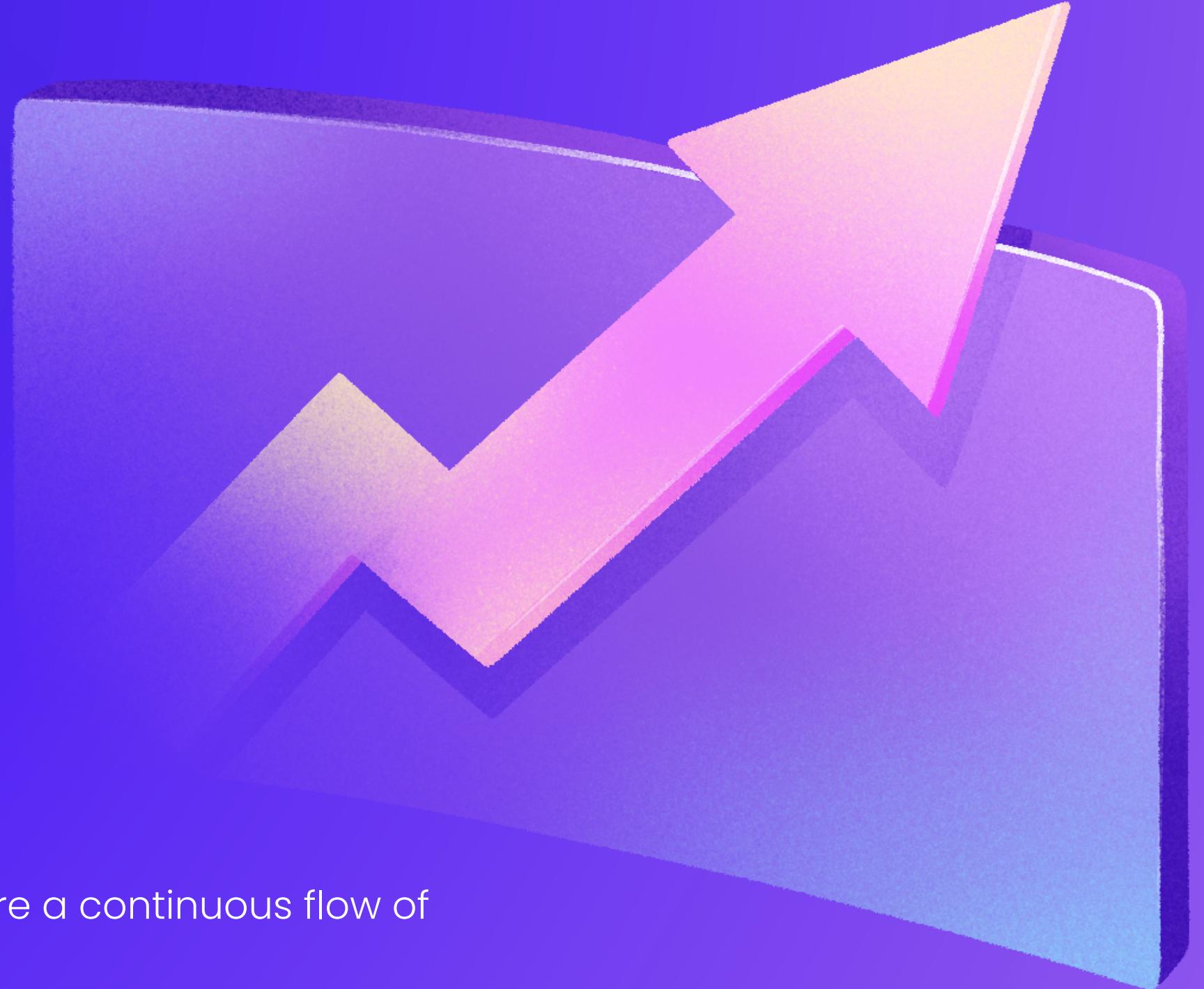


INTRODUCTION

Scrum is an agile development framework that streamlines software development through iterative and incremental processes.

scrum

Scrum offers adaptability, agility, and efficiency to ensure a continuous flow of value to clients throughout project development.



SCRUM



scrum

is executed in temporary blocks that are short and periodic, called Sprints, which usually range from 2 to 4 weeks, which is the term for feedback and reflection.

scrum

. Each Sprint is an entity in itself, that is, it provides a complete result, a variation of the final product that must be able to be delivered to the client with the least possible effort when requested.

SCRUM ROLES



Is the representative of the stakeholders and customers who use the software. They focus on the business art of the project. They Translate the vision of the project to the team, validate the benefits in stories to be incorporated into the Product Backlog and prioritize them on a regular basis



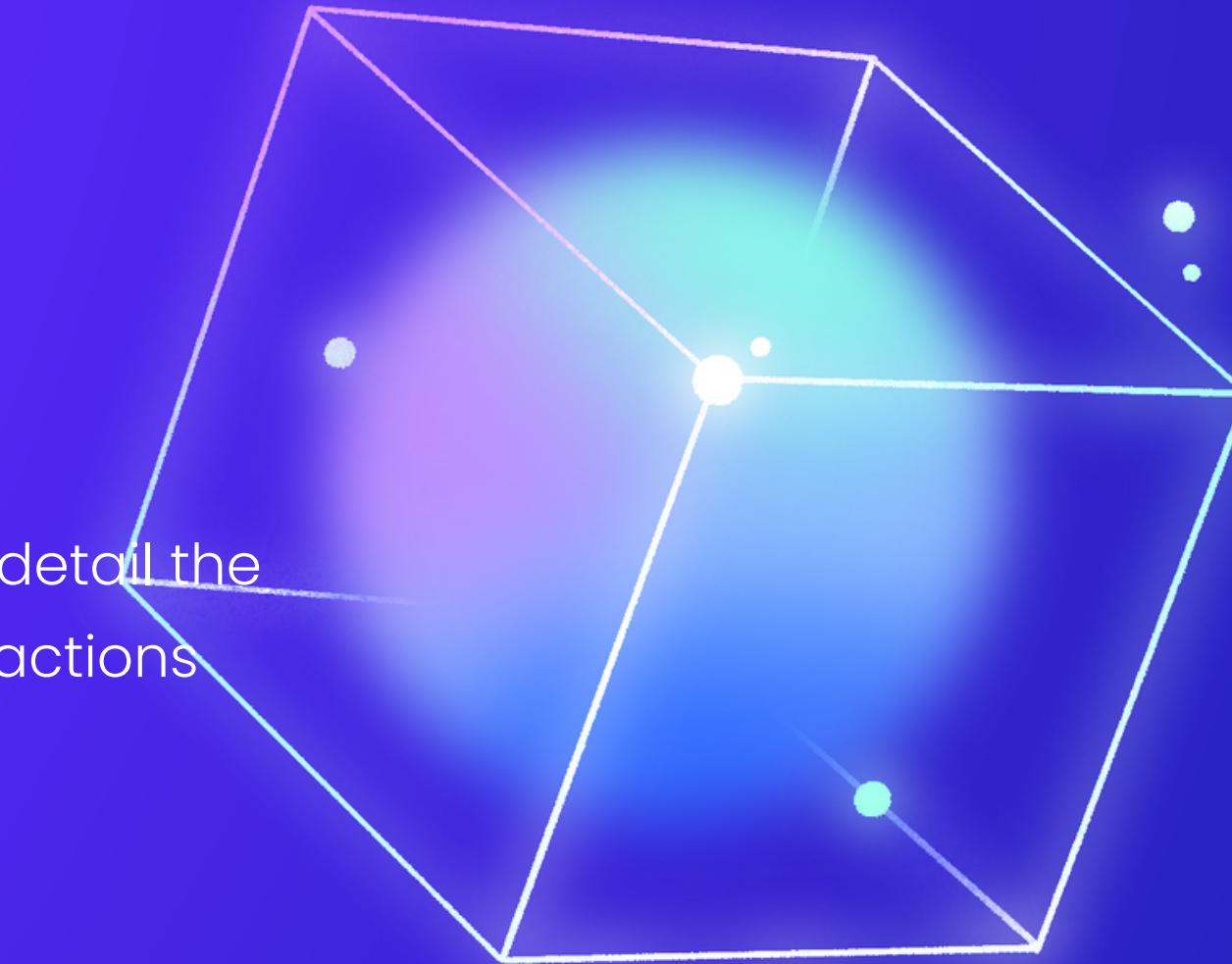
The person who leads the team guiding them to comply with the rules and processes of the methodology. Scrum master manages the reduction of impediments of the project and works with the Product Owner to maximize the ROI(return of investment). The Scrum Master is in charge of keeping Scrum up to date, providing coaching, mentoring and training to the teams in case it needs it.



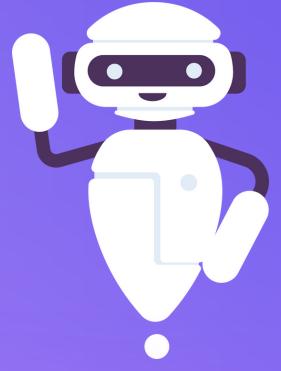
A group of professionals with the necessary technical knowledge who develop the project jointly carrying out the stories they commit to at the start of each sprint

SCRUM ARTIFACTS

- Information that a scrum team and stakeholders use to detail the product being developed, actions to produce it, and the actions performed during the project



SCRUM ARTIFACTS



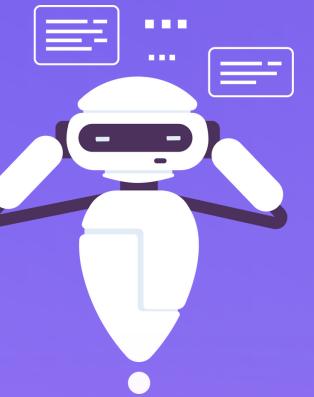
PRODUCT BACKLOG

a list that collects everything the product needs to satisfy the potential customers



SPRINT BACKLOG

It is a subset of items of the product backlog, which are selected by the team to perform during the sprint on which they are going to work



INCRMENTS

The Increment is the sum of all the tasks, use cases, user stories, product backlogs and any element that was developed during the sprint and that will be made available to the end user in the form of Software.

SCRUM CEREMONIES

- Scrum ceremonies, in essence, are pre-defined meetings or events held at specific times during a Sprint, which is a time-boxed iteration of work. These events provide various opportunities for the Scrum Team to inspect progress, adapt strategies, and ensure that the product is on the right track to meet the Sprint Goal.



CORE SCRUM CEREMONIES

01

- **Sprint Planning**

focuses on setting the Sprint Goal and selecting items from the Product Backlog to work on during the Sprint.

02

- **Daily Scrum -is** a brief, daily event where the Development Team synchronizes its activities. Each member shares what they've worked on, what they plan to do, and any



03

Sprint Review

Scrum Team holds a Sprint Review to showcase the work completed during the Sprint. Stakeholders provide feedback, and the Product Backlog is adjusted as needed.



04

- **Sprint Retrospective:** takes place after the Sprint Review and is a reflective event. The Scrum Team inspects its processes and identifies improvements for the next Sprint.
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04

Backlog Refinement

While not an official ceremony, Backlog Refinement involves regularly refining and clarifying the Product Backlog to prepare items for future Sprints.

ADVANTAGE OF SCRUM



EASILY SCALABLE

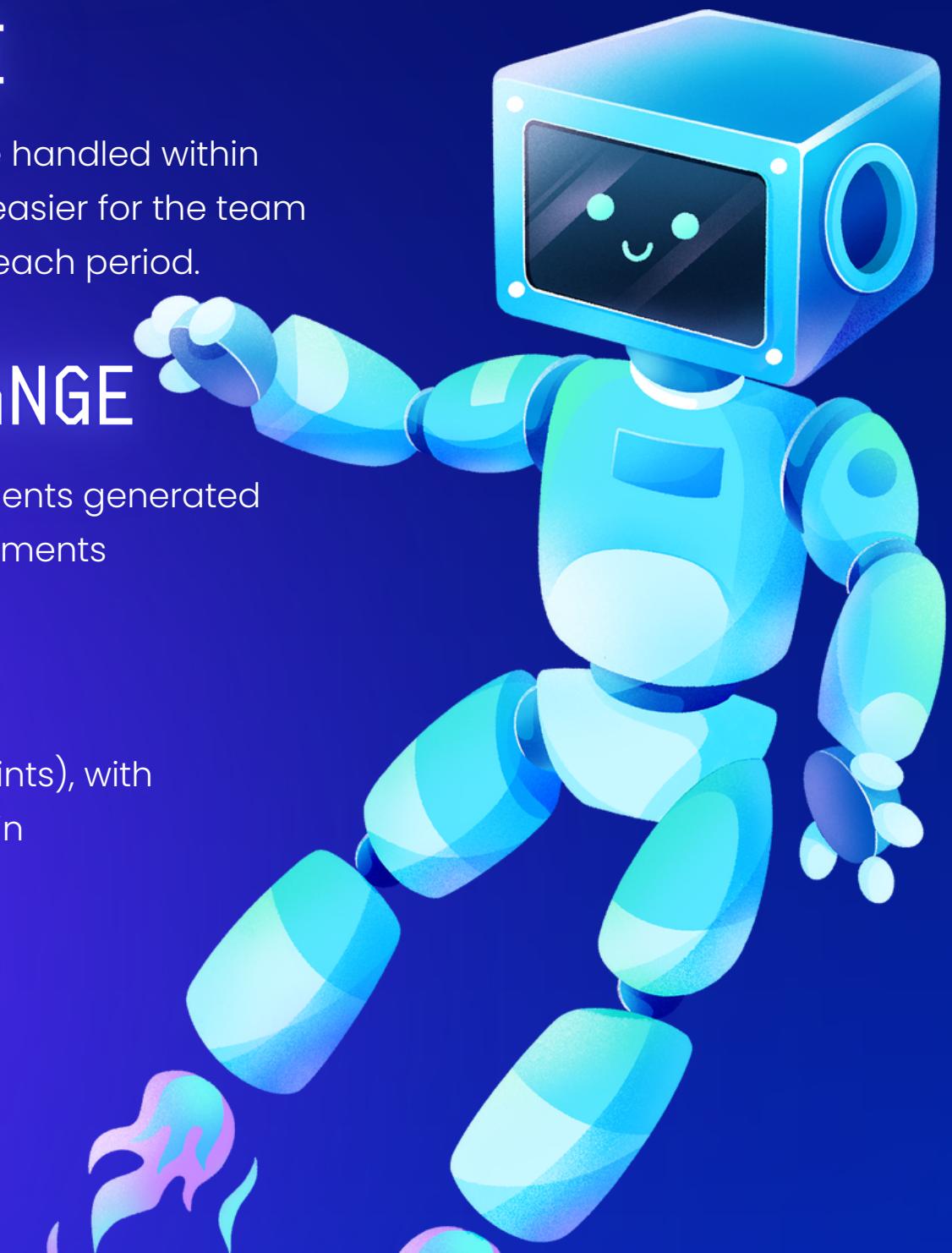
Scrum processes are iterative and are handled within specific work periods, which makes it easier for the team to focus on definite functionalities for each period.

FLEXIBLE TO CHANGE

Quick reaction to changes in requirements generated by customer needs or market developments

TIME PREDICTION

We know the average speed of the team by sprint (story points), with which, consequently, it is possible to estimate when a certain functionality that is still in the backlog will be available.



THANK YOU!

Linuxify Team

Birhan Aschalew.....	UGR/9050/13
Ayan Abas.....	UGR/0999/13
Kena Tekalign.....	UGR/6147/13
Yonas Sisay.....	UGR/3279/13
Yabisira Amero-----	

