**Product Backlog:**

The product backlog is a prioritized list of all the features, enhancements, bug fixes, and other work that needs to be done to deliver a successful product.

The product backlog is used as a planning tool throughout the product development lifecycle.

It is consulted during sprint planning meetings to select items for the sprint backlog, during daily stand-up meetings to track progress and identify impediments, and during sprint reviews to demonstrate completed work and gather feedback from stakeholders.

**Sprint Backlog:**

sprint backlog is a prioritized list of tasks identified by the development team to be completed during a sprint.

Subset of product backlog, which contains all the features, enhancements, and fixes that are planned for the product.

created during the sprint planning meeting, which typically occurs at the beginning of each sprint. During this meeting, the team reviews the items from the product backlog and selects those that can be realistically completed within the upcoming sprint.

**What is Sprint?**

Sprint is a time-boxed iteration in agile development, usually ranging from one to four weeks.

During a sprint, the development team selects a subset of items from the product backlog and commits to completing them within the sprint.

The development team collaborates closely throughout the sprint, working together to design, develop, test, and integrate the selected items.

sprints allow for incremental development, rapid feedback, and the ability to adapt to changing requirements and priorities.

**What is Sprint Retrospective?**

A sprint retrospective is a meeting held at the end of each sprint in Agile.

Development team can discuss about

--What went well

--what could be improved

--any changes or experiments to try in the next sprint

**Product Owner:**

--the product owner is responsible for prioritizing and overseeing the development team’s tasks.

--responsible for maximizing the value of the product created by the development team.

**Responsibilities:**

**Defining and Prioritizing Product Backlog**

**Daily Scrum:**

The Daily Scrum, also known as the daily stand-up meeting, where the development team gathers to synchronize activities, discuss progress, and identify any impediments to achieving the sprint goal.

* What did I accomplish yesterday?
* What will I do today?
* Are there any impediments blocking my progress?

**Scrum Master:**

--A Scrum Master facilitates all the communication and collaboration between leadership and team players to ensure a successful outcome.

--mentors the development team, product owner, and organization on Agile principles, practices, and values.

**Increment:**

--an increment refers to the sum of all the product backlog items completed during a sprint.

--Each increment builds upon previous increments, adding new features, enhancements, and fixes to the product.