PRN : 2020BTEIT00205

Course : Agile software tools and practices.

Assignment

Title:

What is scrum? What are the roles of scrum master. List of all the key ceremonies a scrum team

Theory:

Scrum is an agile project management framework used for managing complex software development projects. The Scrum framework consists of several roles, including the Scrum Master, who plays a critical role in facilitating the Scrum process.

The Scrum framework defines three key roles:

1. Product Owner: responsible for defining and prioritizing the product backlog, a list of features and user stories that need to be developed to meet business objectives.
2. Scrum Master: responsible for facilitating the Scrum process, removing impediments that hinder the team's progress, and ensuring that Scrum events are properly conducted.
3. Development Team: a self-organizing, cross-functional team that is responsible for designing, implementing, and testing the product increment during each sprint.
4. Sprint Planning: a meeting where the team collaborates to define the sprint goal, select items from the product backlog, and create a sprint backlog, which is a list of tasks needed to achieve the sprint goal.
5. Daily Scrum: a short daily meeting where the development team synchronizes their work, discusses progress, and identifies any impediments that need to be resolved.
6. Sprint Review: a meeting held at the end of each sprint to demonstrate the product increment to stakeholders and collect feedback.
7. Sprint Retrospective: a meeting held at the end of each sprint to reflect on the team's performance, identify areas for improvement, and plan for changes in the next sprint.

Overall, the Scrum framework provides a flexible and adaptive approach to software development that allows teams to deliver high-quality products in a collaborative and transparent way.