

DAILY CHALLENGE 12/10/2019

1. Explain the following agile methodologies Scrum, Kanban, Extreme Programming.

Answer:

- **Scrum:** is an agile methodology of software development that leverages sprints. The goal of sprints is to come up with a usable version of a software usually within two weeks or at most a month. Scrum is lightweight, iterative and incremental and highly suitable for managing complex projects.
- **Kanban:** is a software project management method that involves visualization of project work flow to design, manage and improve software products. It makes use of a Kanban board for visualizing work progress.
- **Extreme Programming:** is a software development methodology which aims to improve software quality and responsiveness as customer requirements changes. It advocates frequent releases in short development cycles.

2. Who are the members of an agile team and what are their roles?

- **The Scrum Master:** the scrum master ensures everything is done well and scrum is strictly followed.
- **The Product Owner:** the product owner is like a product ceo. He decides what the development team should build, what task should be prioritized and so on.
- **The Development Team:** the development team is responsible for building out the features of the product. The team comprises of software developers, designers etc.
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3. List 5 Project Management Tools

- Trello
- Pivotal tracker
- Jira
- Slack
- Google Docs

4. List the Phases of Software Development Life Cycle.

- Planning
- Analysis
- Design
- Development and Implementation
- Testing
- Maintenance