

Managing Projects

What is a Project?

Projects are comprised of several tasks, which are aligned to achieve an objective.

Planning tools

1. Waterfall Model
2. Gantt Chart
3. Pert
4. Kanban

Agile Planning

Agile methodologies are used to reduce waste, to attract customers early and to reduce the time until the product launches.

Scrum

Scrum is a methodology to manage software deliverables, which is part of Agile project management. The process is based on several iterations, which are called sprints. After each sprint, the development team should be able to show a working prototype of the product.

Sprints

1. Sprint Planning

Create Sprint Backlog: List of tasks to complete during the sprint

2. Daily stand-up

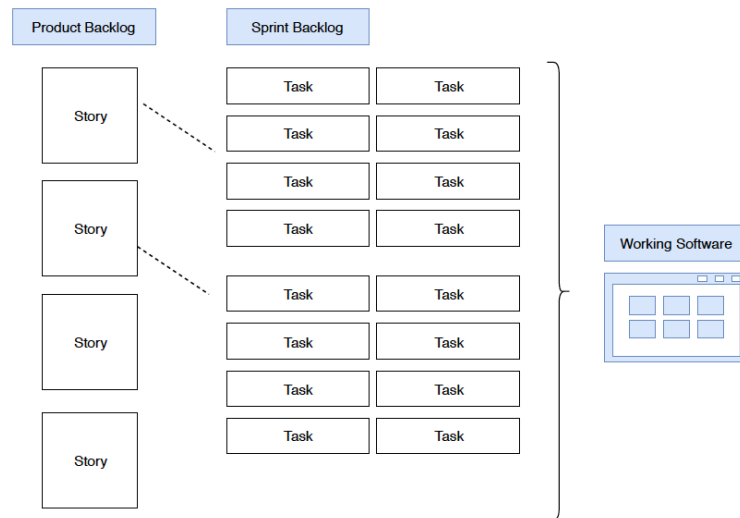
Team members share their work from the prior day

3. Sprint Review

Demonstrate functionality of the prototype and receive feedback from the product owner and other stakeholders

4. Sprint Retrospective

Reflect on the last sprint and identify potential areas of improvement



Additional Specifications

1. Product Owner

Represent the interests of the customer

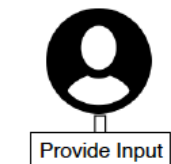
2. Scrum Master

Oversee the Scrum and remove any distractions of the team

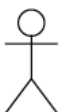
3. User Stories

Provide an overview of the average user and help to analyse

Customer / Stakeholder



Provide Input

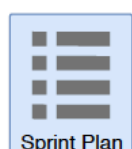


Product Owner

Create



Product Backlog

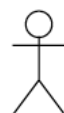


Sprint Plan



Sprint Backlog

Burn Down Chart



Scrum Master

Daily Stand-up Meeting

24h Sprint

1-4 Week Sprint



Sprint Review



Finished Product

