



Scrum & Kanban

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Scrum?

Scrum is a framework within which people can address complex adaptive problems, while productively and creatively delivering products of the highest possible value. ----- [Scrum.org](https://www.scrum.org)

Scrum is an agile framework for managing work in an iterative way. With an emphasis on software development.

Kanban?

Kanban is a lean method to manage and improve work across human systems.

This approach aims to manage work by balancing the demands with available capacity, and improving the handling of system level bottlenecks.

Kanban in a nutshell

Visualize the workflow

Split the work into pieces, write each item on a card and put on the wall
Use named columns to illustrate where each item is in the workflow.

Limit WIP (work in progress):

assign explicit limits to how many items may be in progress at each workflow state.

Measure the lead time (average time to complete one item, sometimes called “cycle time”),

Optimize the process to make lead time as small and predictable as possible

Compare tools for
understanding, not
judgement



Which one is better?

Scrum & Kanban: Similarities...

1. Agile
2. Process Tools
3. Good for small teams
4. Works great for software development
5. Both empirical
6. Both allows working on multiple products simultaneously

Scrum & Kanban: Differences...

1. Scrum has roles. Kanban doesn't
2. Scrum limits WIP/iteration. Kanban limits WIP/state
3. Scrum resists change within iteration. Kanban doesn't restrict.
4. Scrum-boards are reset after sprint. Kanban-board is persisting.

Scrum & Kanban: Differences...

1. In Scrum, cross-functional team is important. In Kanban, it isn't.
2. In Scrum a board is owned by a team. In Kanban board is per workflow.
3. In sprint, items to be small enough to fit in. In Kanban, it's not necessary.
4. In Scrum, team velocity used for estimation. In Kanban, it's difficult.

Summary

Try to use both Scrum and Kanban as and where appropriate.

Scrum is suitable when there is a minimum duration of stability in requirement.

Kanban is suitable where things can not be planned and are of sporadic nature.

Q & A

Thank You