

KANBAN VS SCRUM

Kanban Approach

Projects run on need and demand instead of fixed iterations. The team focuses on producing incremental value as they move toward the end product.

Project Element

Scrum Approach

Scrum focuses on delivering the highest business value in the shortest time, typically in fixed iterations called sprints. It allows us to rapidly and repeatedly inspect actual working software (every two to four weeks).



Agile Value

Responding to change > Following a Plan

Kanban tasks do not have to fit a particular size. Team members pull tasks based on priorities and skillset. New tasks can be added to a running iteration



Teams size tasks to fit within sprints. Sprints typically have a set scope.

Agile Value

Customer Collaboration > Contract Negotiation

Progress boards should reflect the team's prioritized tasks, its progress on those tasks, and completed tasks. The board can contain metrics to track performance.



Kanban boards can be used as radiators to make team and progress information transparent to the team and to other stakeholders.

Agile Value

Working Software > Comprehensive Documentation

Kanban does not have predefined roles. There is opportunity for cross-functional teams, but some Kanban teams are made up of specialists who can only pull tickets based on their specialty.



Scrum teams have predefined roles, but the members can also be cross-functional. Teams are self-organizing.

Agile Value

Individuals & Interaction > Process & Tools

Kanban sizing can be done in hours or broad metrics (like t-shirt sizes).



Scrum sizing is done using relative sizing (story points or t-shirt sizing is typical).

Agile Value

Individuals & Interaction > Process & Tools

Kanban limits the number of tasks a team member and a team as a whole can start

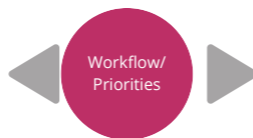


The number of tasks worked on in a sprint is limited by the iteration duration (two to four weeks)

Agile Value

Individuals & Interaction > Process & Tools

A change in priorities does not have to wait for a planning session.

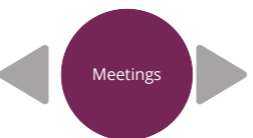


The product backlog is continually monitored for current priorities. The sprint backlog is typically not changed once the sprint has begun.

Agile Value

Responding to Change > Following a Plan

Meetings are held as needed. Any member of the team can call a meeting for planning, knowledge-sharing, and collaboration.



Sprint planning at the beginning of each sprint. Daily scrum for synchronization and daily planning. Sprint review at the end of each sprint for collaboration on sprint accomplishments. A sprint retrospective after the sprint review for continual improvement.

Agile Value

Individuals & Interaction > Processes & Tools