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## What Are the Differences Between Scrum and Kanban?

For folks that are into the details of these two methods. They clearly come at the problem of managing knowledge work from different perspectives. The following table provides a clear breakdown of these differences:

Uses velocity as default metric for planning and process improvements  Cross functional teams prescribed  Items must be broken down so they can be completed in an iteration  Burn down chart is prescribed  "Change agent" is "commitment"  WIP limited indirectly * Per iteration  Estimation prescribed  Cannot add items to ongoing iteration  Prescribes 4 events * Planning * Daily Scrum  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Cross functional teams optional  * Specialist teams allowed  No item size is prescribed although small(-er) sized work is highly recommended  No diagram type is presecribed  "Change agent" is "WIP limits"  WIP limited directly * Per workflow state  Estimation optional  Can add items whenever capacity is available  No prescribed roles  No prescribed events	Scrum	Kanban
this iteration (Sprint)  Uses velocity as default metric for planning and process improvements  Cross functional teams prescribed  Items must be broken down so they can be completed in an iteration  Burn down chart is prescribed  "Change agent" is "commitment"  WIP limited indirectly * Per iteration  Estimation prescribed  Cannot add items to ongoing iteration  Prescribe 3 roles * Product Owner * Scrum Master * Team  Prescribes 4 events * Planning * Daily Scrum  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  Uses lead time as default metric for planning and process improvements  No item size is prescribed although small(-er) sized work is highly recommended  No item size is prescribed although small(-er) sized work is highly recommended  No item size is prescribed although small(-er) sized work is highly recommended  No item size is prescribed although small(-er) sized work is highly recommended  No item size is prescribed although small(-er) sized work is highly recommended  No item size is prescribed although small(-er) sized work is highly recommended  No diagram type is prescribed action.  No diagram type is prescribed although small(-er) sized work is highly recommended  No diagram type is prescribed action.  No diagram type is prescribed action.  No diagram type is prescribe	Time-boxed iterations prescribed	* Can have separate cadences for planning, release, and process improvement.
process improvements  Cross functional teams prescribed  Etems must be broken down so they can be completed in an iteration  Burn down chart is prescribed  "Change agent" is "commitment"  WIP limited indirectly  * Per iteration  Estimation prescribed  Cannot add items to ongoing iteration  Prescribe 3 roles  * Product Owner  * Scrum Master  * Team  Prescribes 4 events  * Planning  * Daily Scrum  Cross functional teams optional  * Cross functional teams optional  * Cross functional teams optional  * Cross functional teams optional  No item size is prescribed although small(-er) sized work is highly recommended  No diagram type is presecribed  * WIP limited directly  * Per workflow state  Estimation optional  Can add items whenever capacity is available  No prescribed roles  No prescribed events	Team commits to a specific amount of work for this iteration (Sprint)	
* Specialist teams allowed  Items must be broken down so they can be completed in an iteration  Burn down chart is prescribed  "Change agent" is "commitment"  WIP limited indirectly  * Per iteration  Estimation prescribed  Cannot add items to ongoing iteration  Prescribe 3 roles  * Product Owner  * Scrum Master  * Team  Prescribes 4 events  * Planning  * Daily Scrum  No item size is prescribed although small(-er) sized work is highly recommended  No item size is prescribed although small(-er) sized work is highly recommended  No diagram type is prescribed  "Change agent" is "WIP limits"  WIP limited directly  * Per workflow state  Estimation optional  Can add items whenever capacity is available  No prescribed roles  * No prescribed events	Uses velocity as default metric for planning and process improvements	, , ,
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Cannot add items to ongoing iteration  Prescribe 3 roles  * Product Owner  * Scrum Master  * Team  Prescribes 4 events  * Planning  * Daily Scrum  Can add items whenever capacity is available  No prescribed roles  No prescribed events  No prescribed events	WIP limited indirectly * Per iteration	
Prescribe 3 roles  * Product Owner  * Scrum Master  * Team  Prescribes 4 events  * Planning  * Daily Scrum  No prescribed roles  No prescribed roles	Estimation prescribed	Estimation optional
* Product Owner  * Scrum Master  * Team  Prescribes 4 events  * Planning  * Daily Scrum  No prescribed roles  No prescribed roles	Cannot add items to ongoing iteration	Can add items whenever capacity is available
* Planning * Daily Scrum No prescribed events	Prescribe 3 roles * Product Owner * Scrum Master * Team	No prescribed roles
	Prescribes 4 events  * Planning  * Daily Scrum  * Review  * Retrospective	No prescribed events
Scrum board is reset between each iteration Kanban board is persistent	Scrum board is reset between each iteration	Kanban board is persistent
Prioritized backlog is prescribed Prioritization is optional	Prioritized backlog is prescribed	Prioritization is optional

FAQ, Scrum, Kanban

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