



# **SCRUM x KANBAN**

## **WHICH ONE IS BETTER?**



A graphic illustration featuring two hands shaking in the center. The hands are rendered in a light orange-brown color. The background is a solid teal color. In the upper right corner, there is a large red parallelogram shape. The word "Kanban" is written in a dark navy blue sans-serif font, positioned partially within the red shape. In the lower left corner, the word "Scrum" is written in the same dark navy blue font.

Kanban

Scrum

# The Kanban Guide for Scrum Teams

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*January 2021*



Developed and sustained by Scrum.org, Daniel Vacanti, and Yuval Yeret

# The Kanban Guide for Scrum Teams

January 2021

Ken Schwaber & Jeff Sutherland

# The Scrum Guide

[The Definitive Guide to Scrum: The Rules of the Game](#)



Developed and sustained by Scrum.org, Daniel Vacanti, and Yuval Yeret

November 2020

# The Kanban Guide for Scrum Teams

January 2021



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# The Scrum Guide

The Definitive Guide to Scrum: The Rules of the Game

November 2020





PROFESSIONAL CERTIFICATION

## PROFESSIONAL SCRUM WITH KANBAN I

# YOUR NAME HERE

has demonstrated a fundamental level of understanding of how additional practices from Kanban can be introduced to Scrum Teams, without changing Scrum. This individual has also demonstrated an understanding of the benefits Scrum Teams can receive by using Scrum with Kanban.

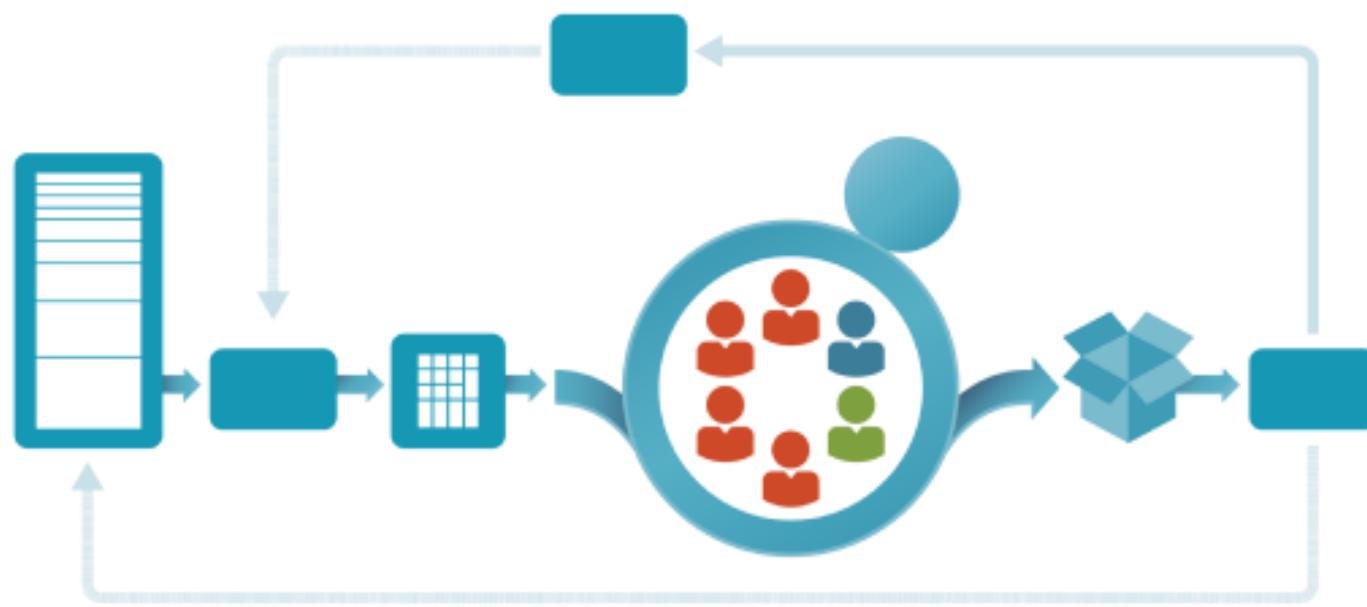
In recognition of this achievement, Scrum.org is pleased to award this certification.

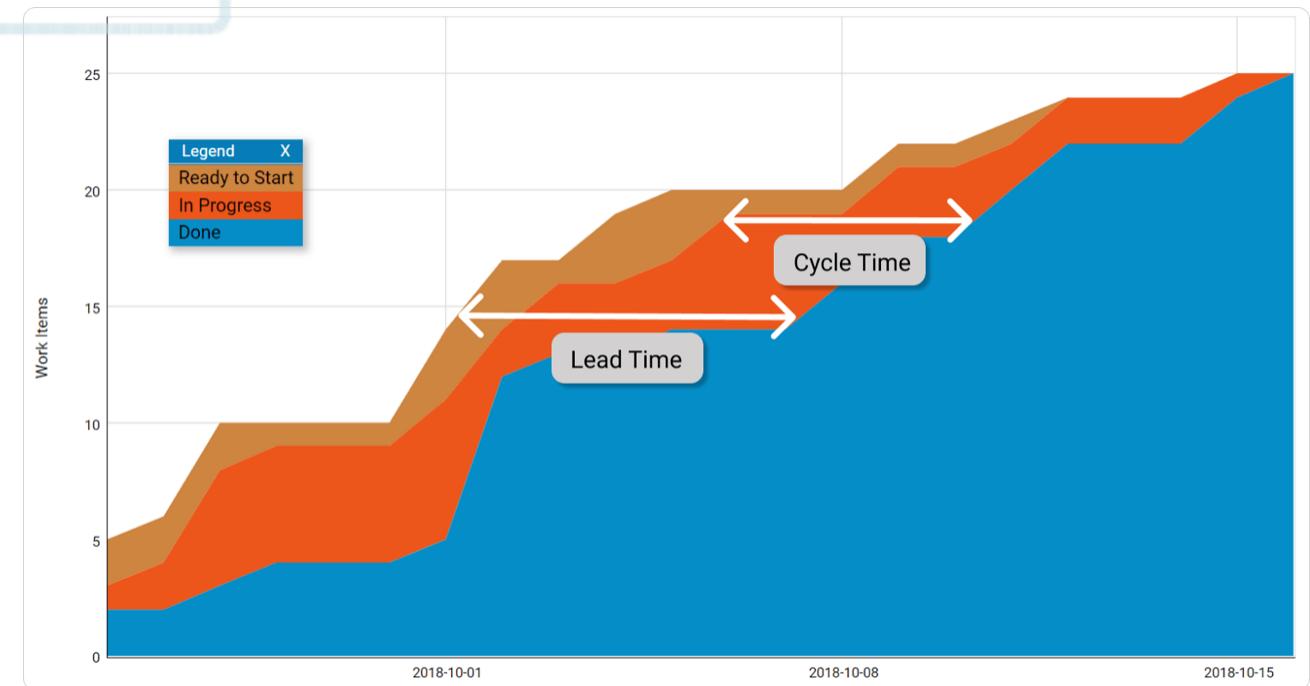
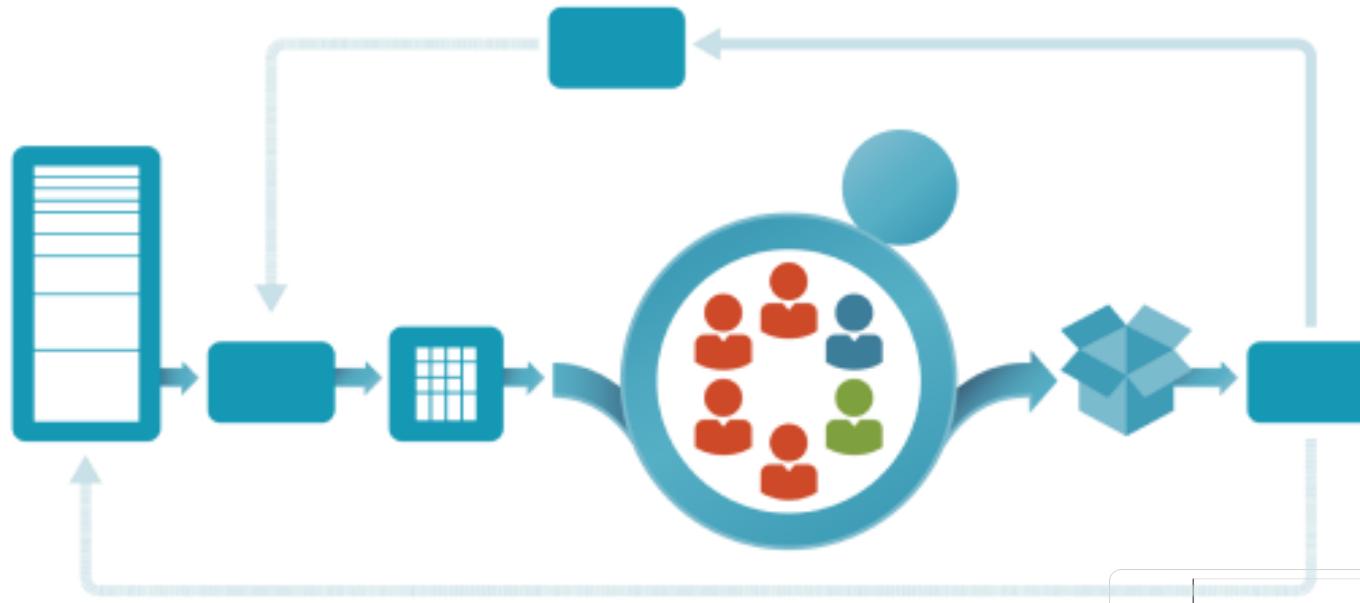
A handwritten signature in black ink that reads "Ken Schwaber".

Ken Schwaber, founder Scrum.org

Certification Date



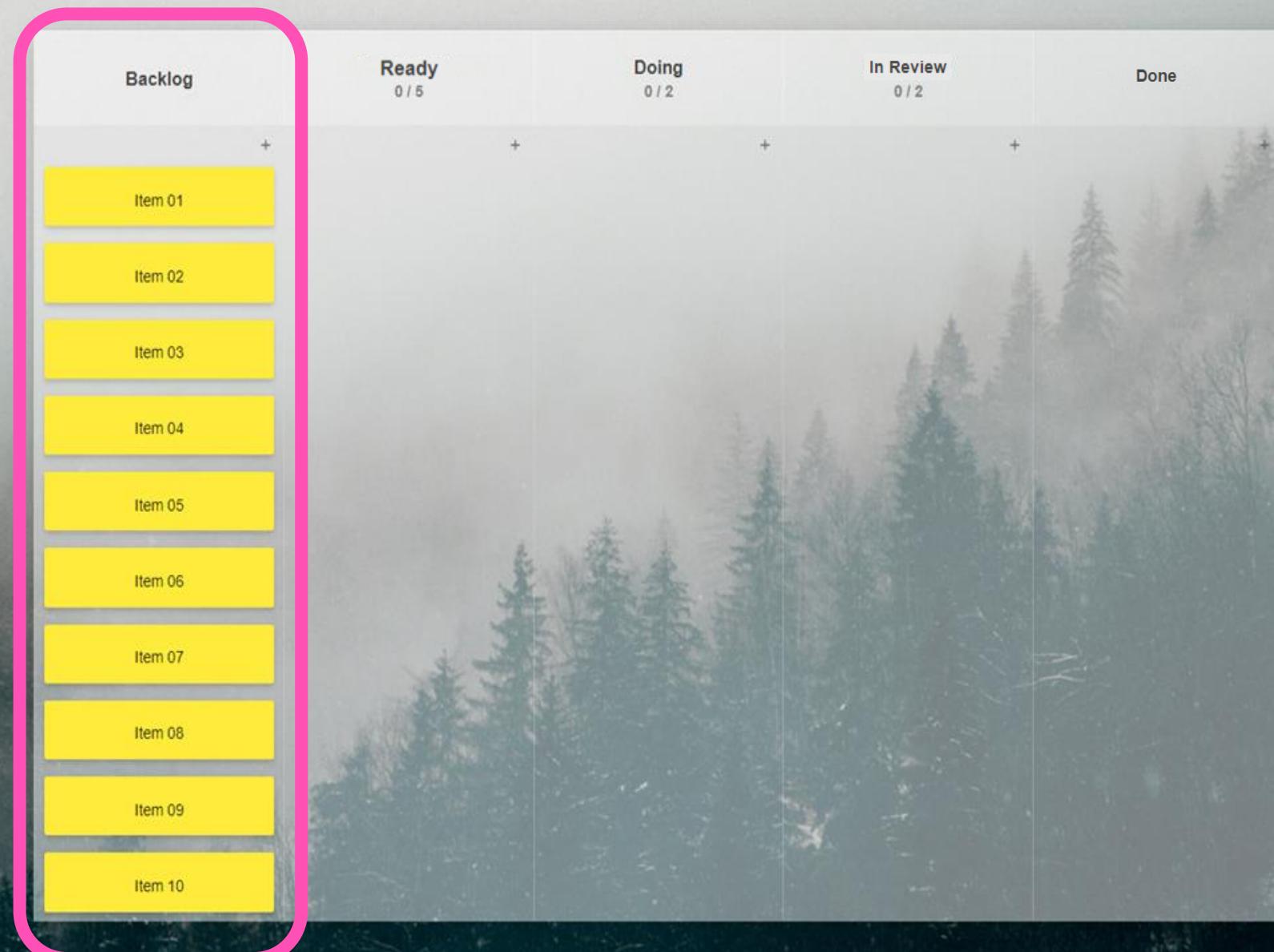


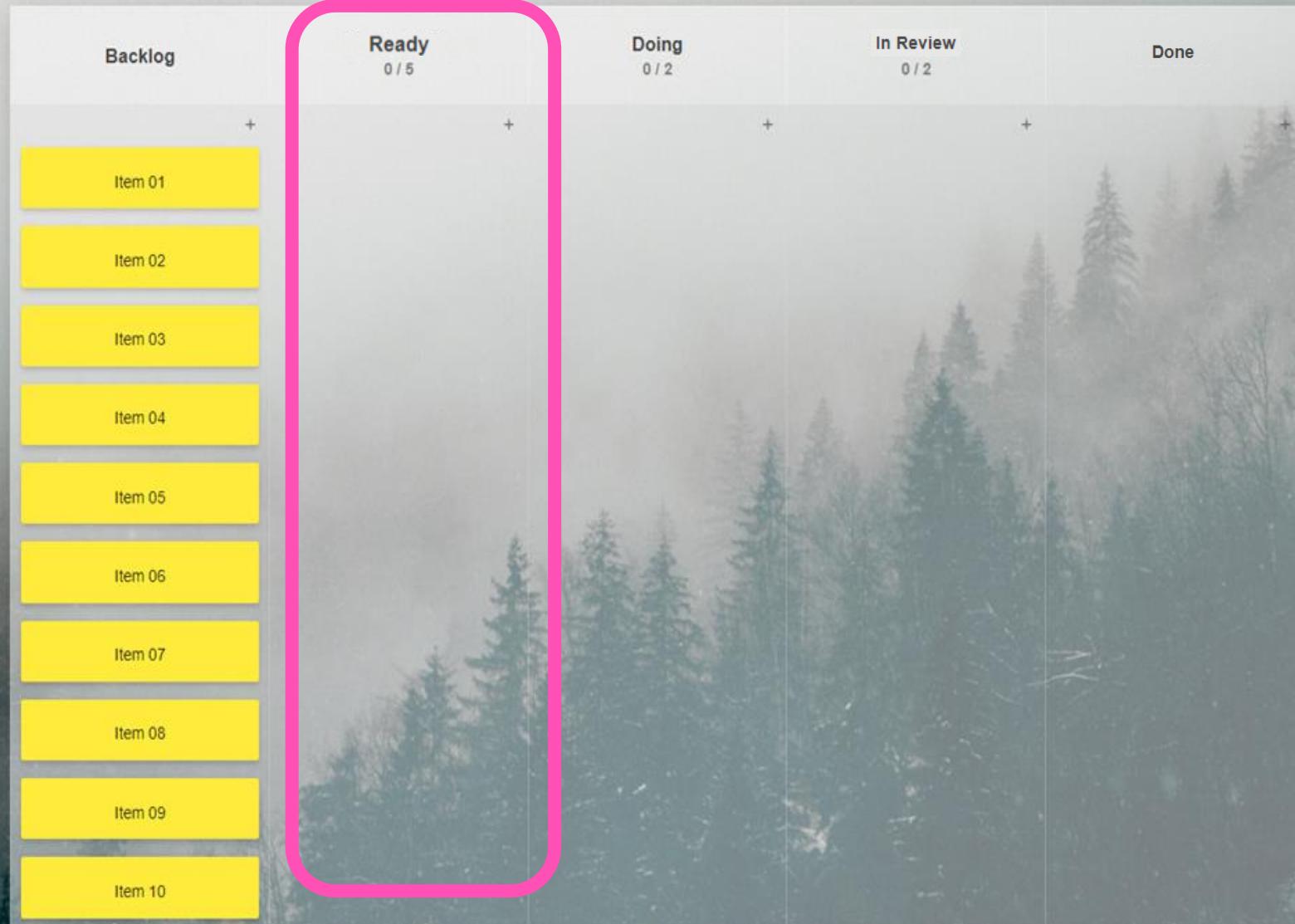


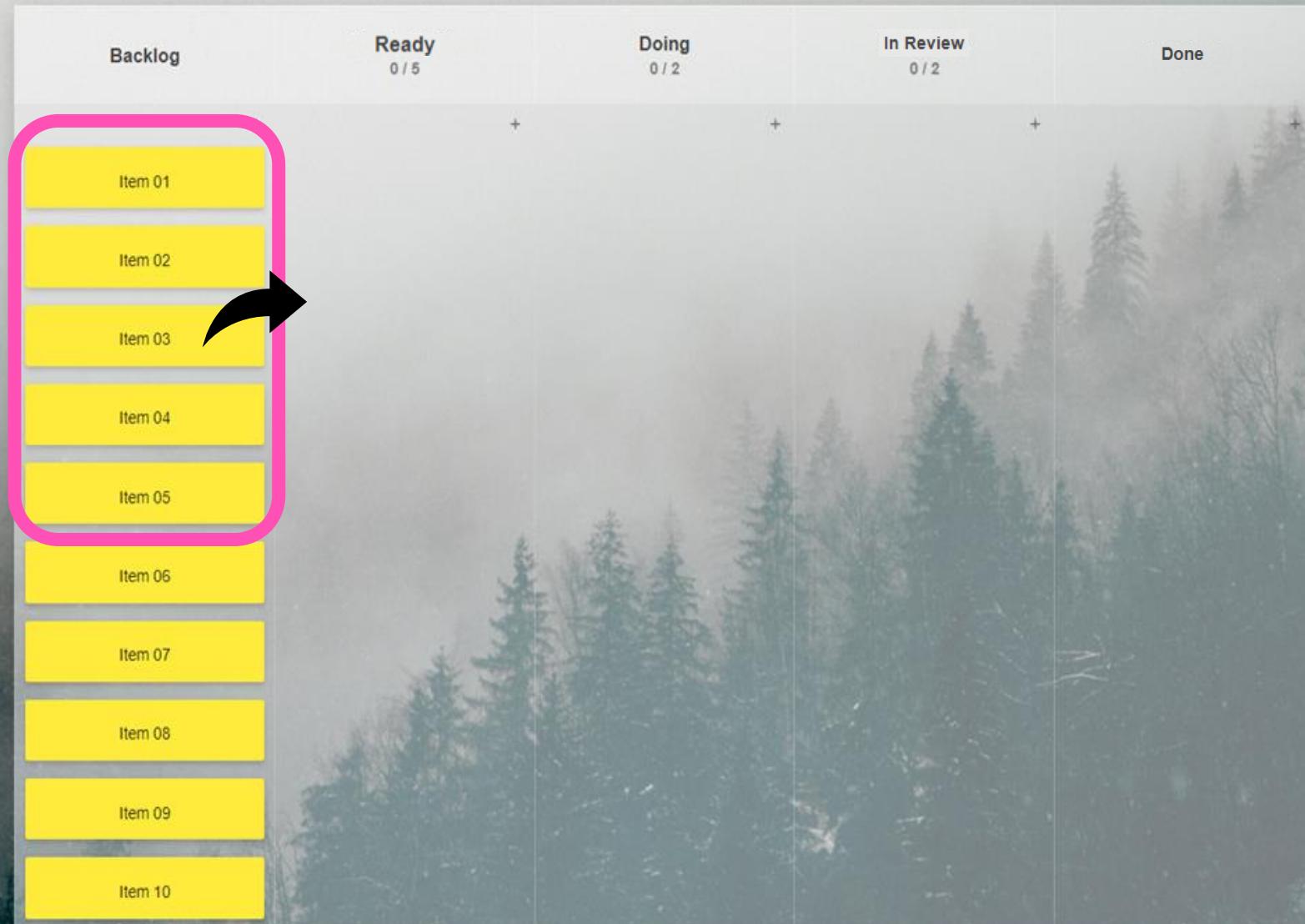


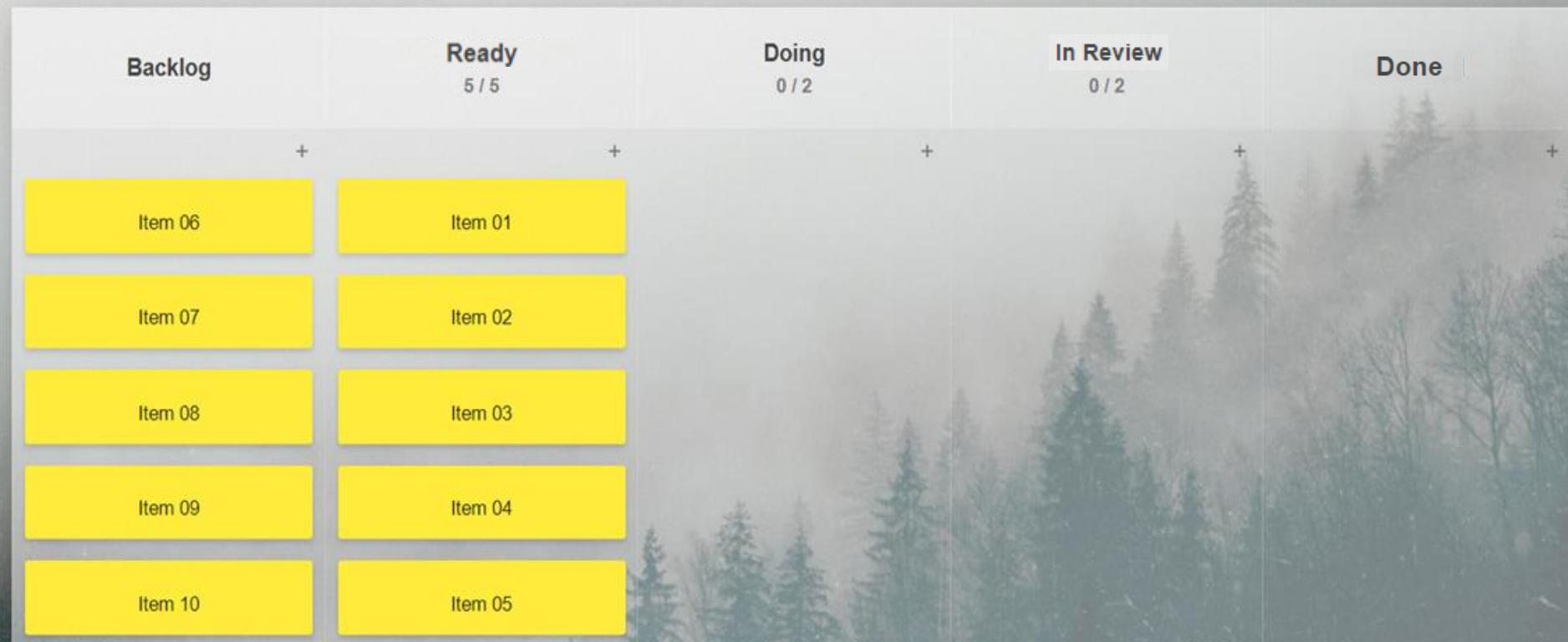
# **SCRUMBAN FLOW**

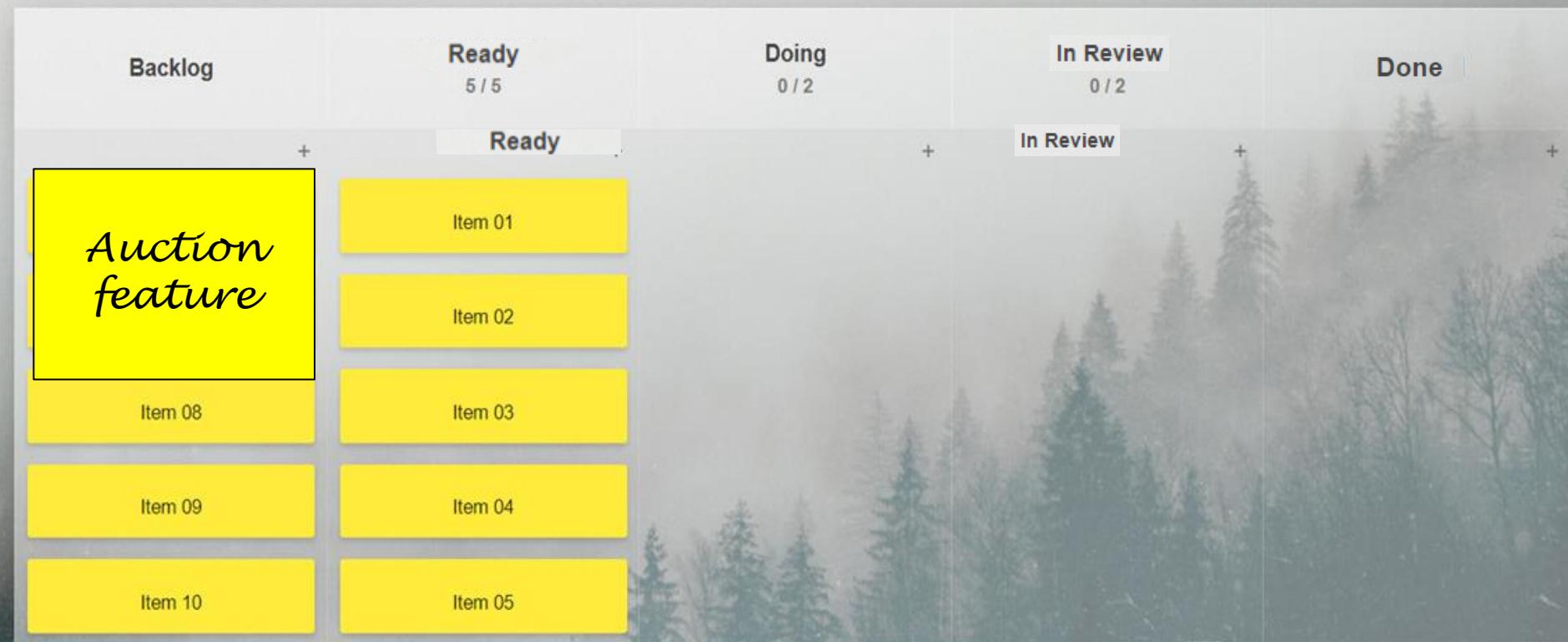
## **OVERVIEW**







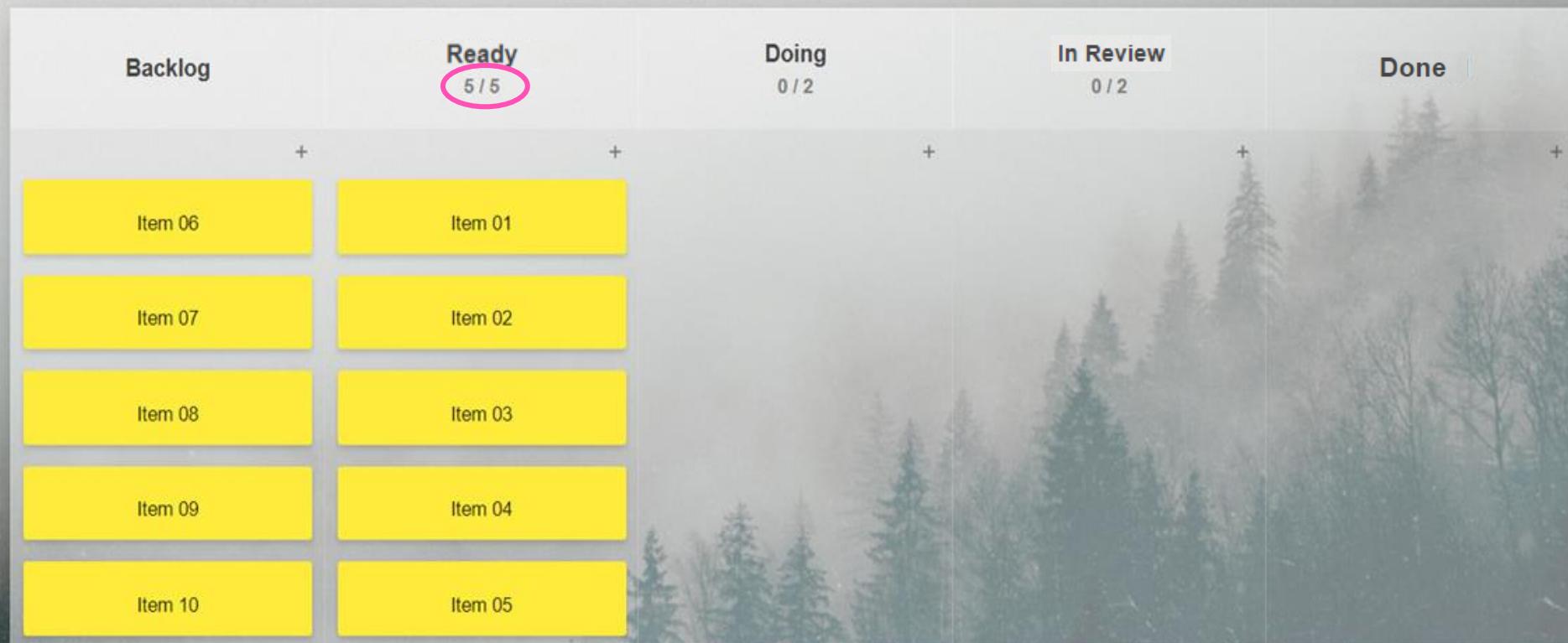




Backlog	Ready 5 / 5	Doing 0 / 2	In Review 0 / 2	Done 0 / 2
Item 06	Item 01			
Item 07				
Item 08				
Item 09				
Item 10				

**Auction feature**

- User selects the value of the bid
- Bid is executed in real-time
- Bidding is only possible if the user has enough balance
- The value is discounted from the user's balance and registered in the transactions history
- User can increase bidding anytime
- User cannot cancel a bid
- If the user wins an action, the system must refund him for the extra costs if the auction's final value is lower than his bid value
- Update RUNNING AUCTIONS list on user's home page
- If user wins, add it to WON AUCTIONS list on user's home page
- If user wins, charge for service fee



Reason #01  
Avoid Wasting Time

## Reason #01

Avoid Wasting Time

Scrum

Sprint  
Planning

Sprint

## Reason #01

Avoid Wasting Time

### Scrum

Sprint  
Planning



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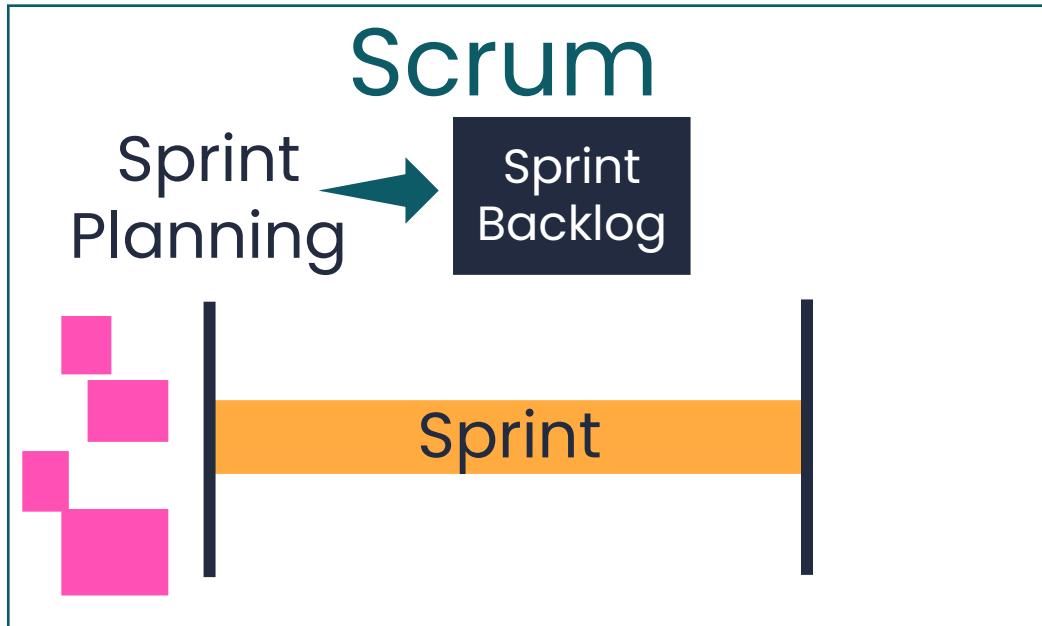
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Sprint  
Planning



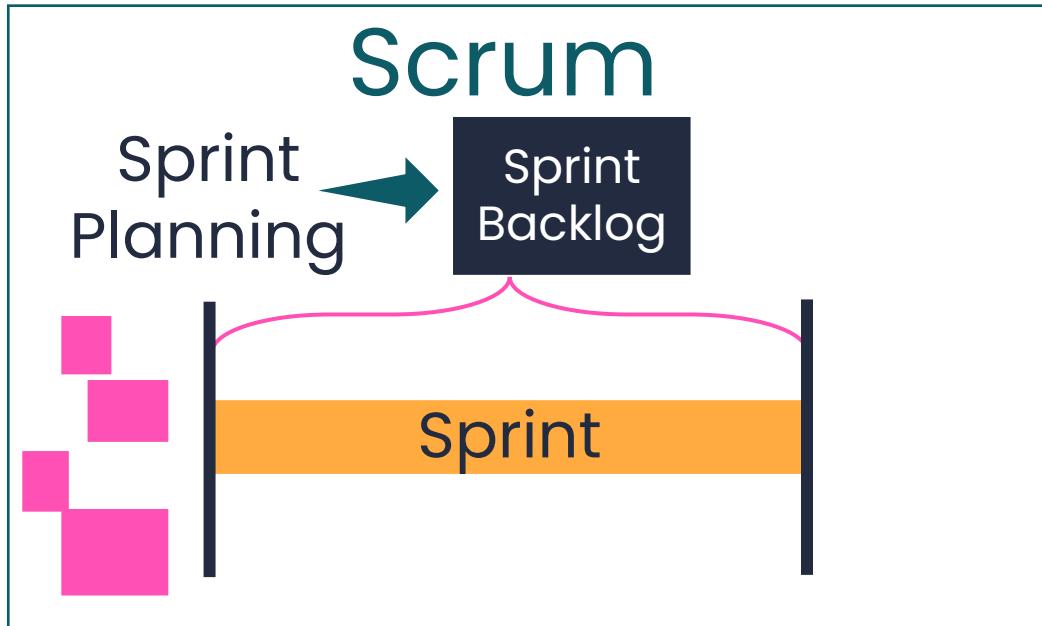
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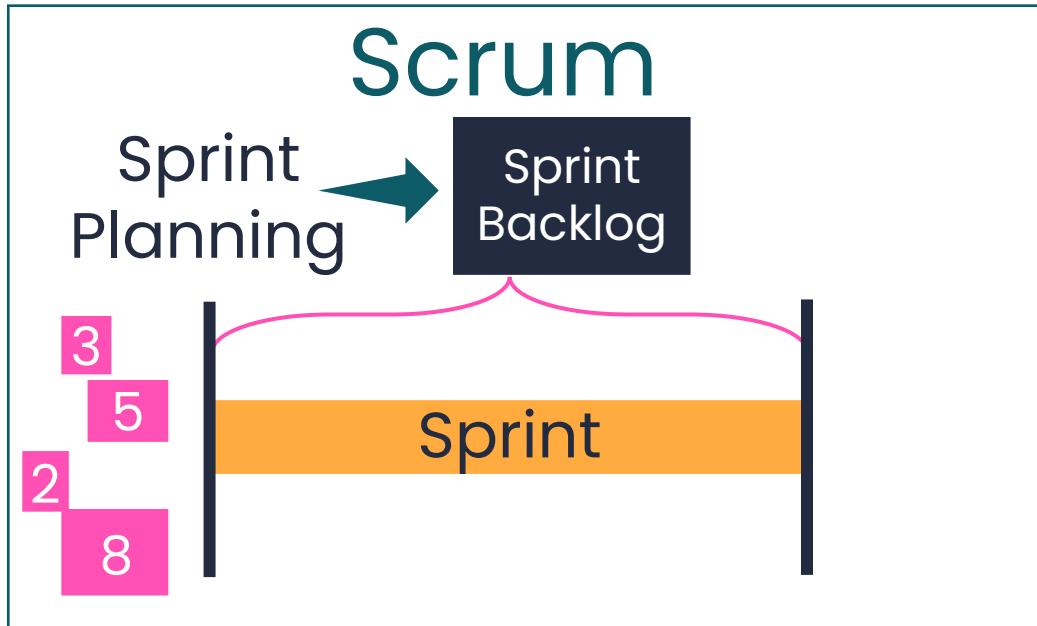
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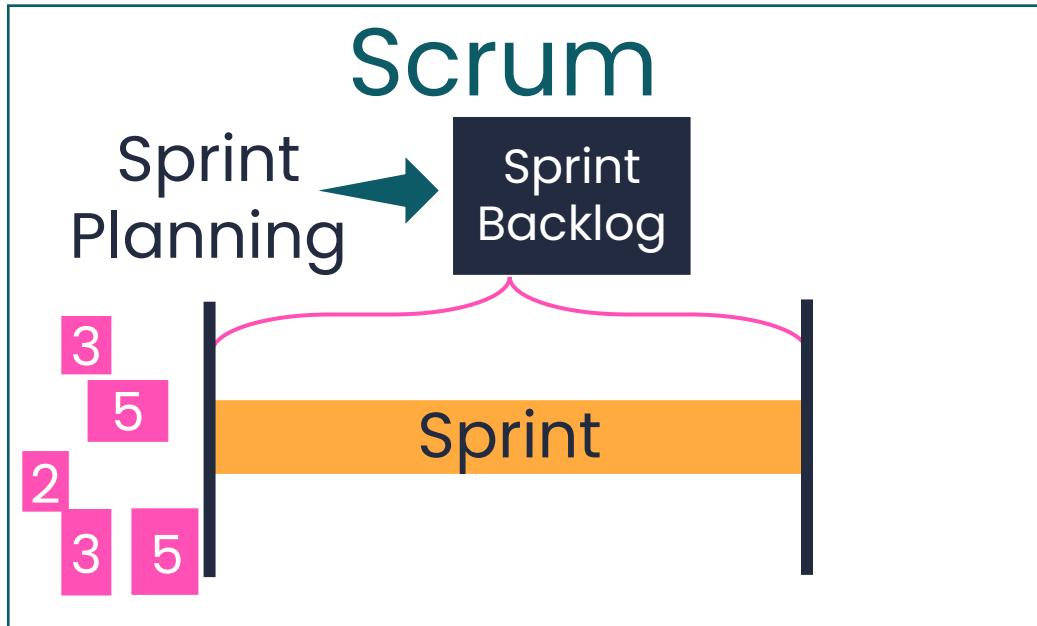
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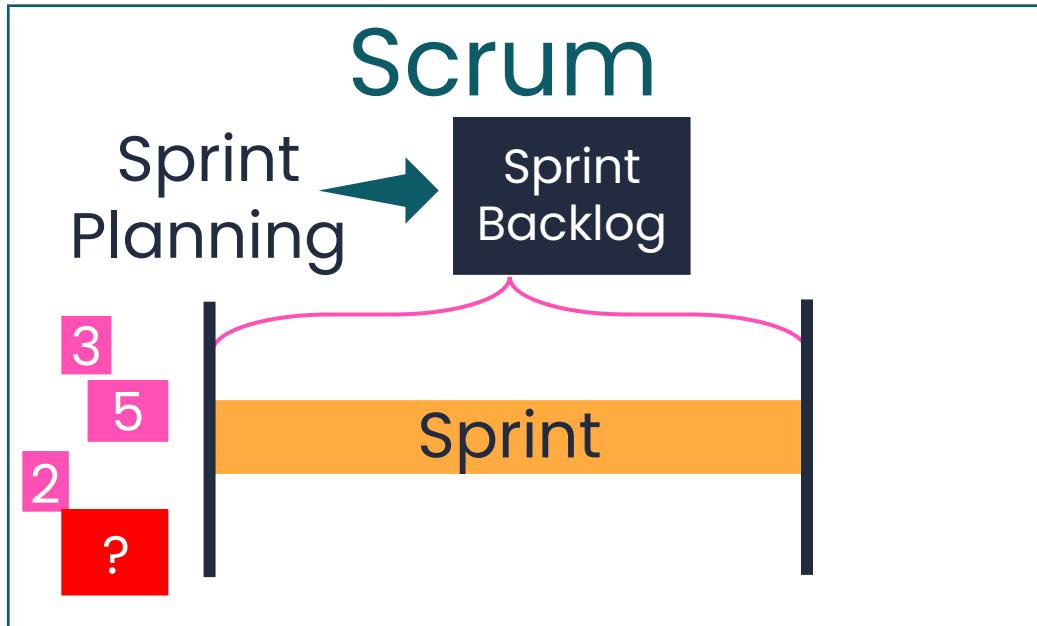
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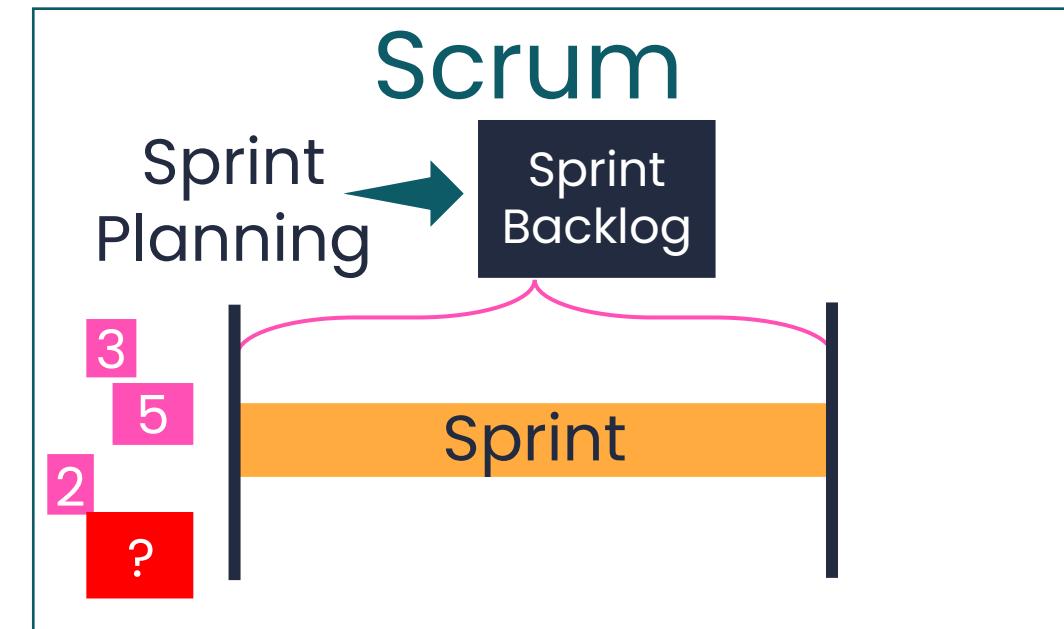
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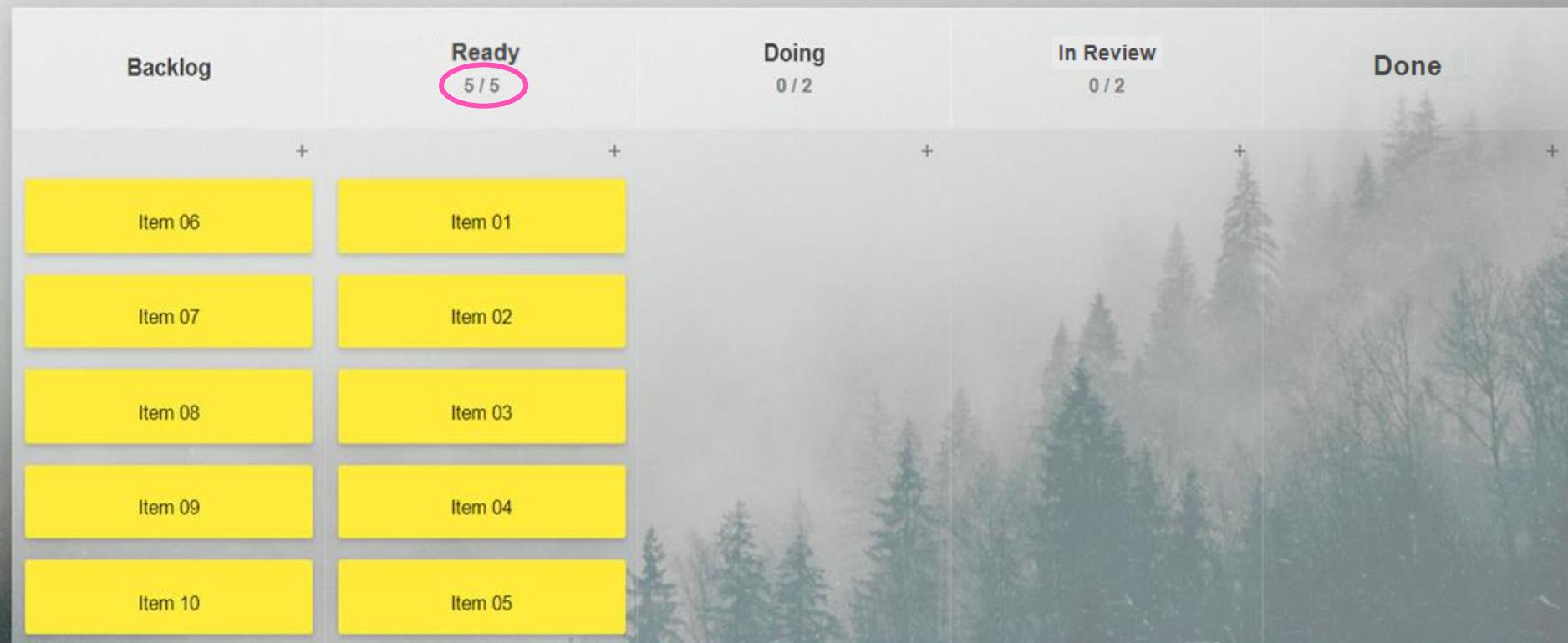
## Reason #01

Avoid Wasting Time



**Scrumban**

"Most effort on estimation is waste"



## Reason #02

# The WIP Limit Sets the Virtual Iteration Length

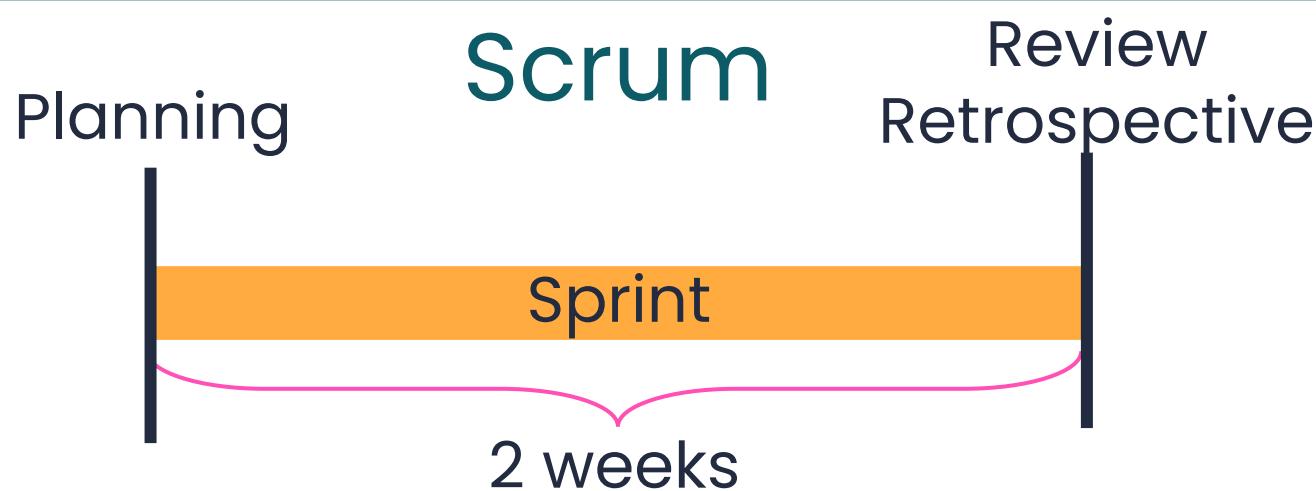
## Reason #02

The WIP Limit Sets the  
Virtual Iteration Length



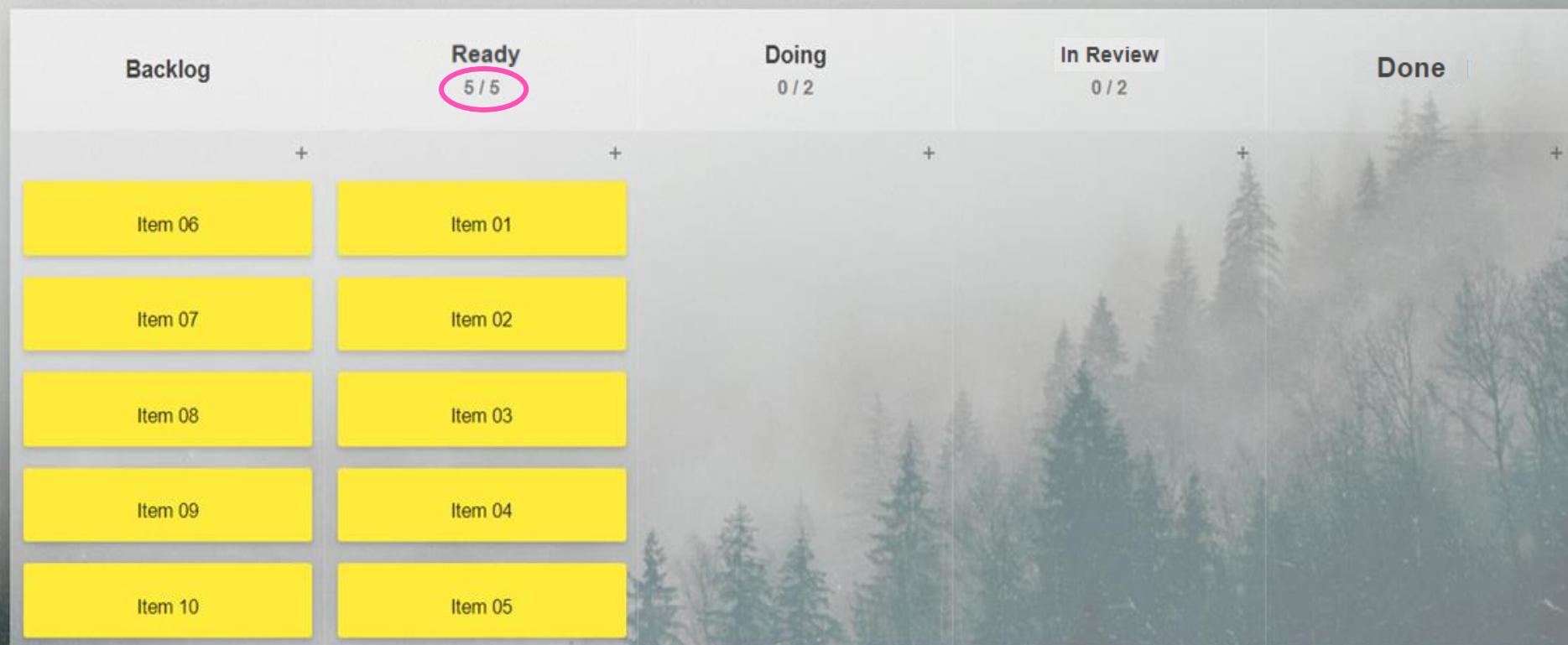
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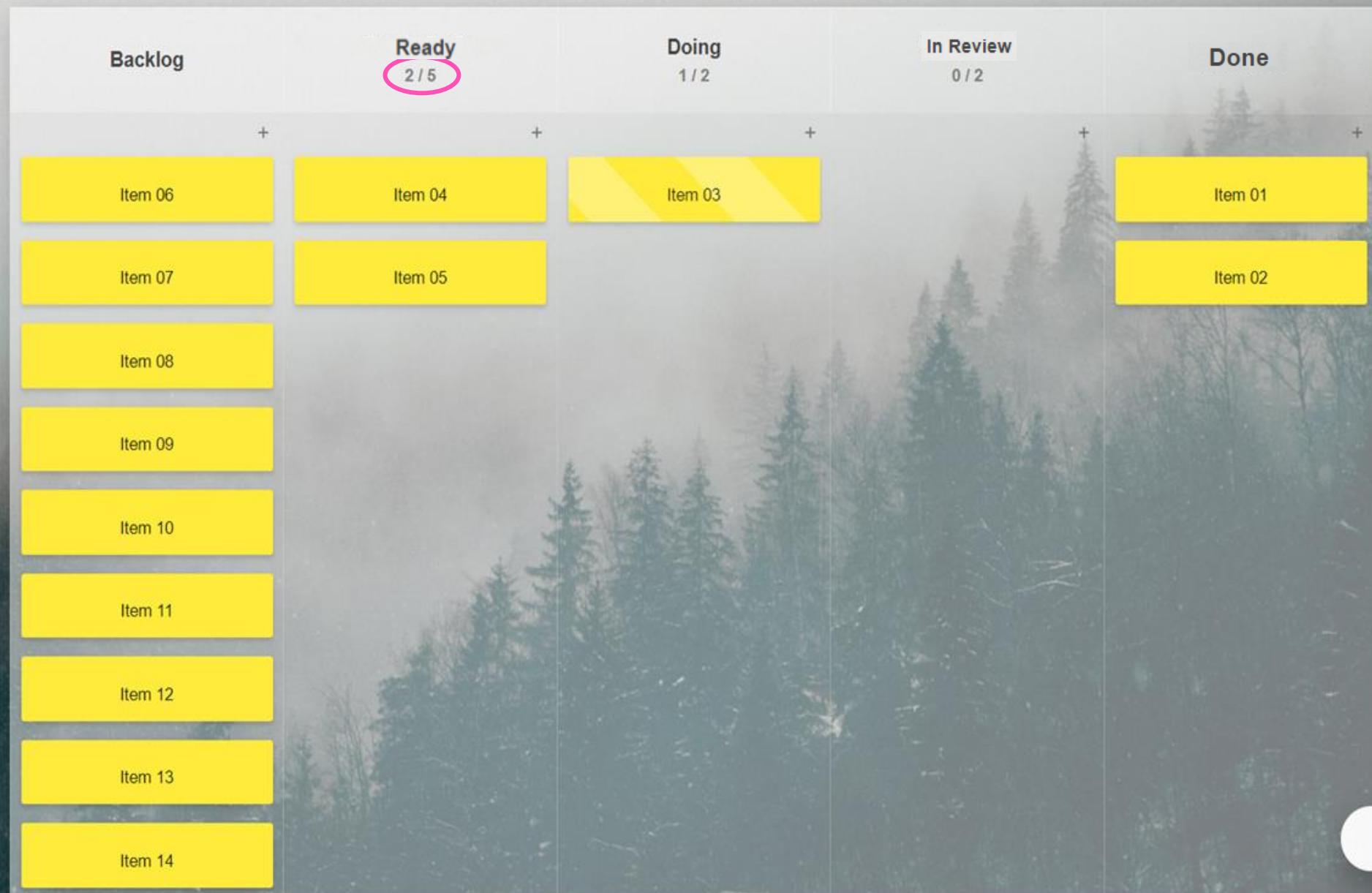
Scrumban

"No timeboxed  
iterations"



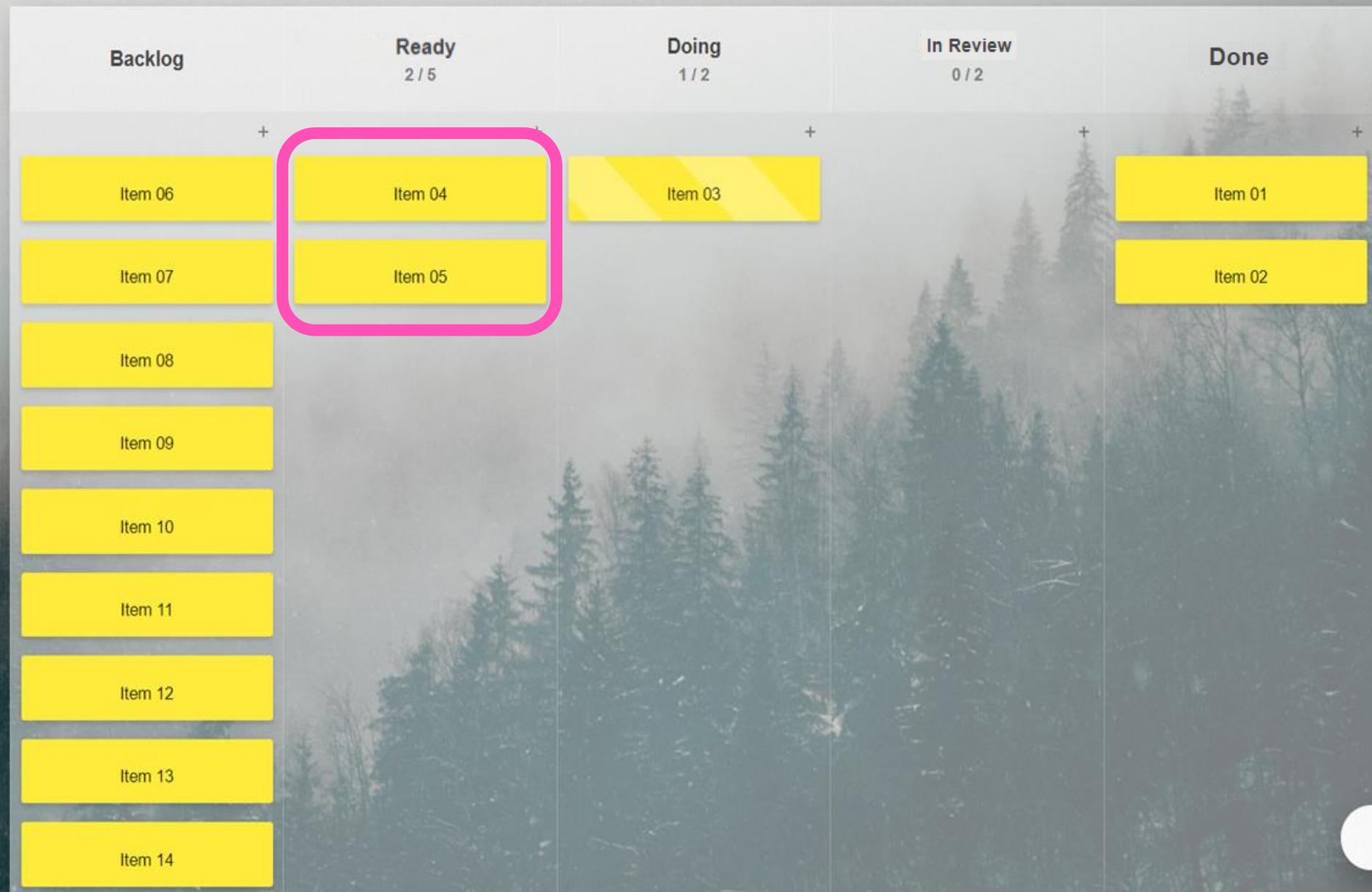
## Reason #03

# Support a Continuous Flow



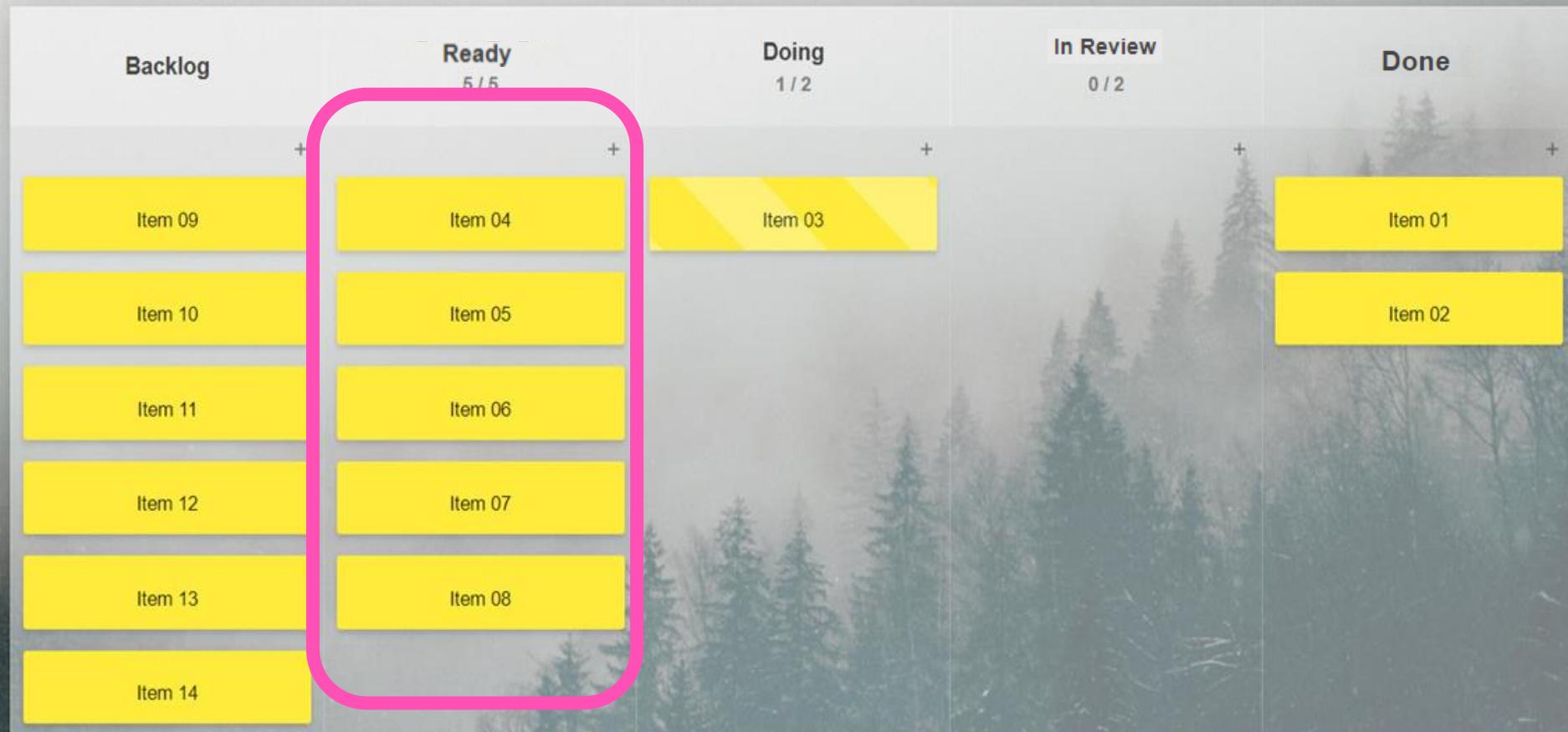
▶ Start tour

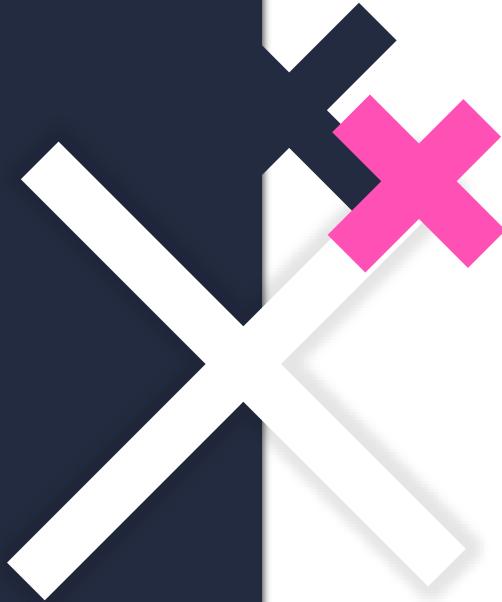




▶ Start tour







## Scrum

- Timeboxed Sprints
- Sprint Backlog-based work management
- Fixed cadency for holding events

## Scrumban

- “Virtual” iterations
- Pull-based work management
- Events held when needed



# **SCRUMBAN FLOW**

## **MAIN ASPECTS**

# Scrum



# Scrum

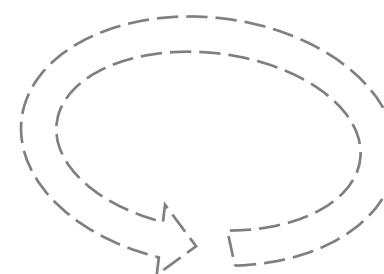
# Kanban

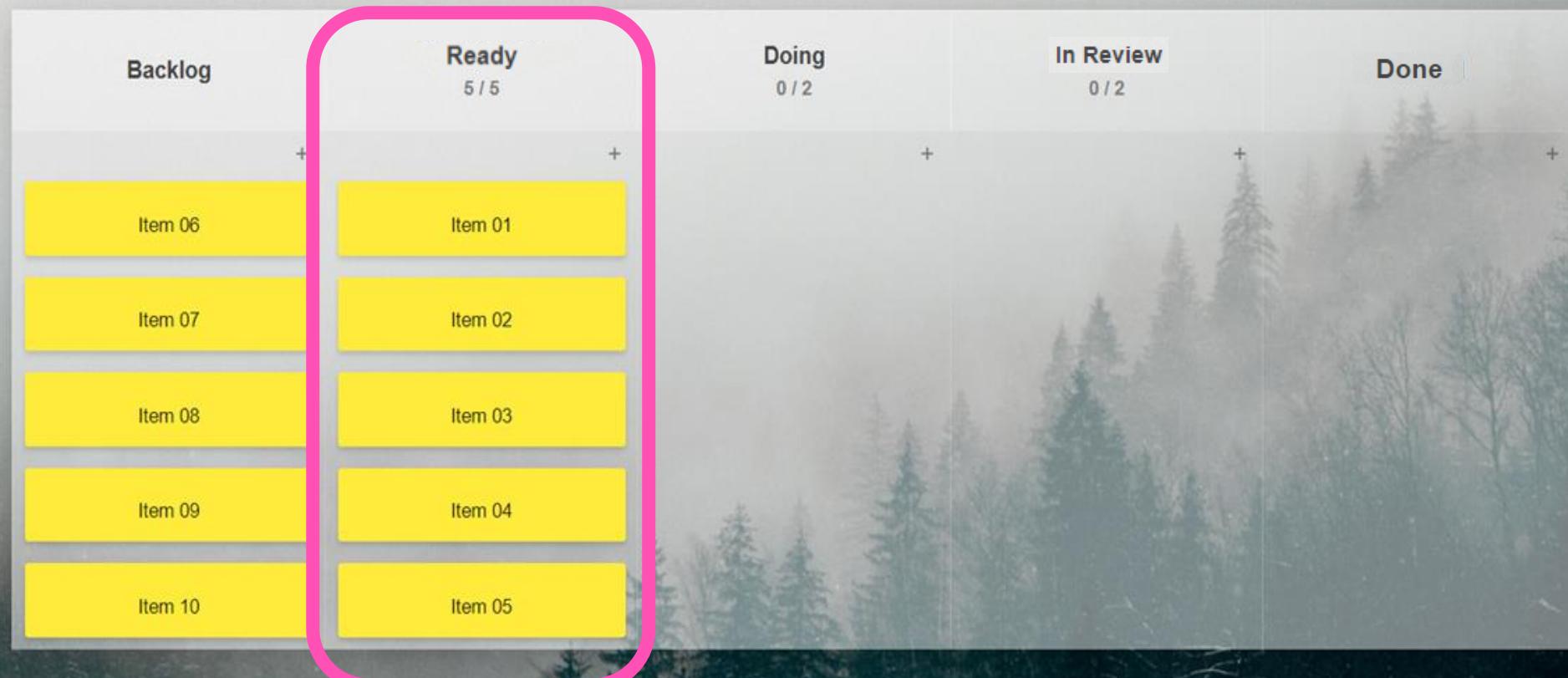


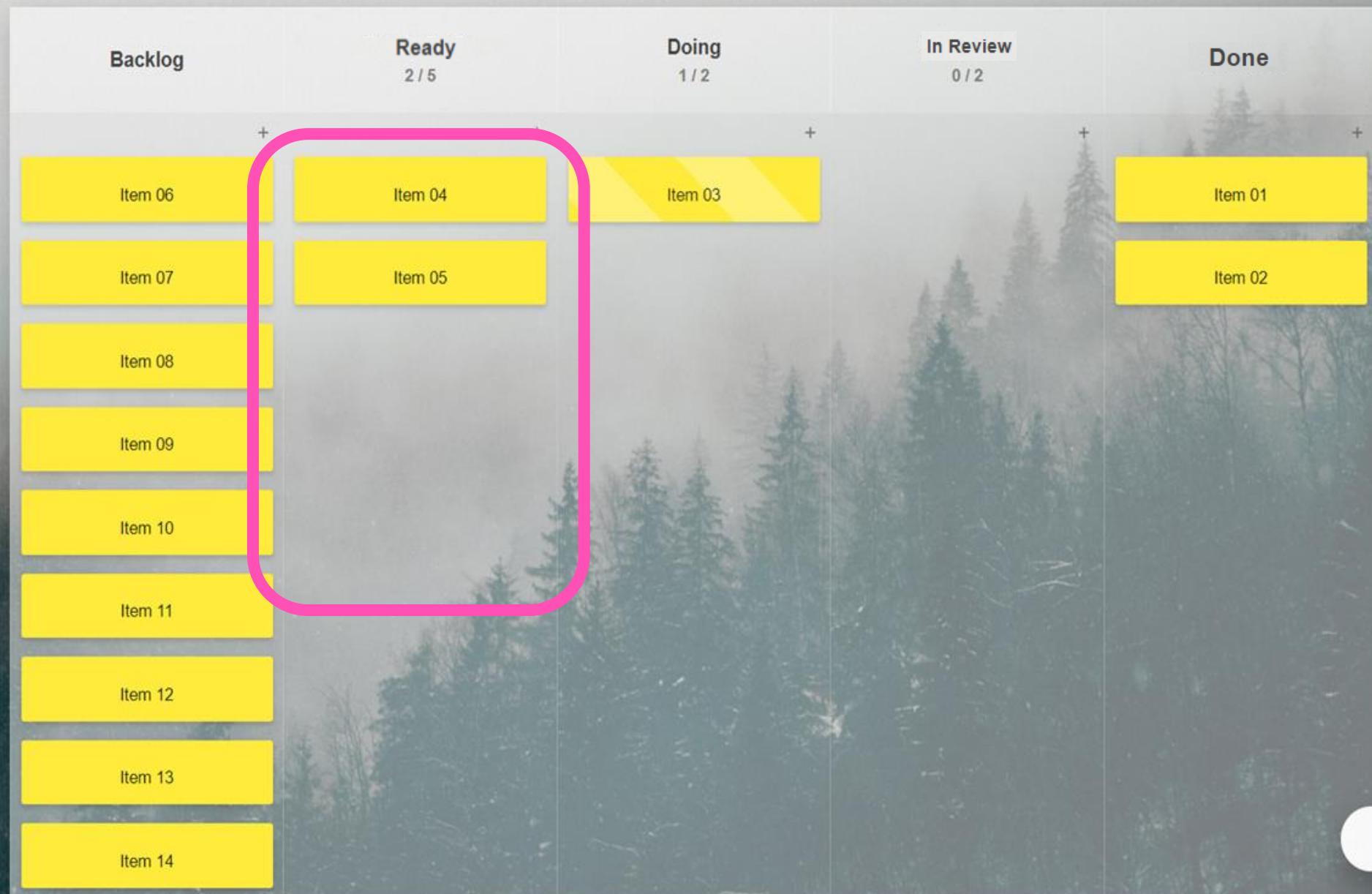
# Scrum

# Kanban

# Scrumban

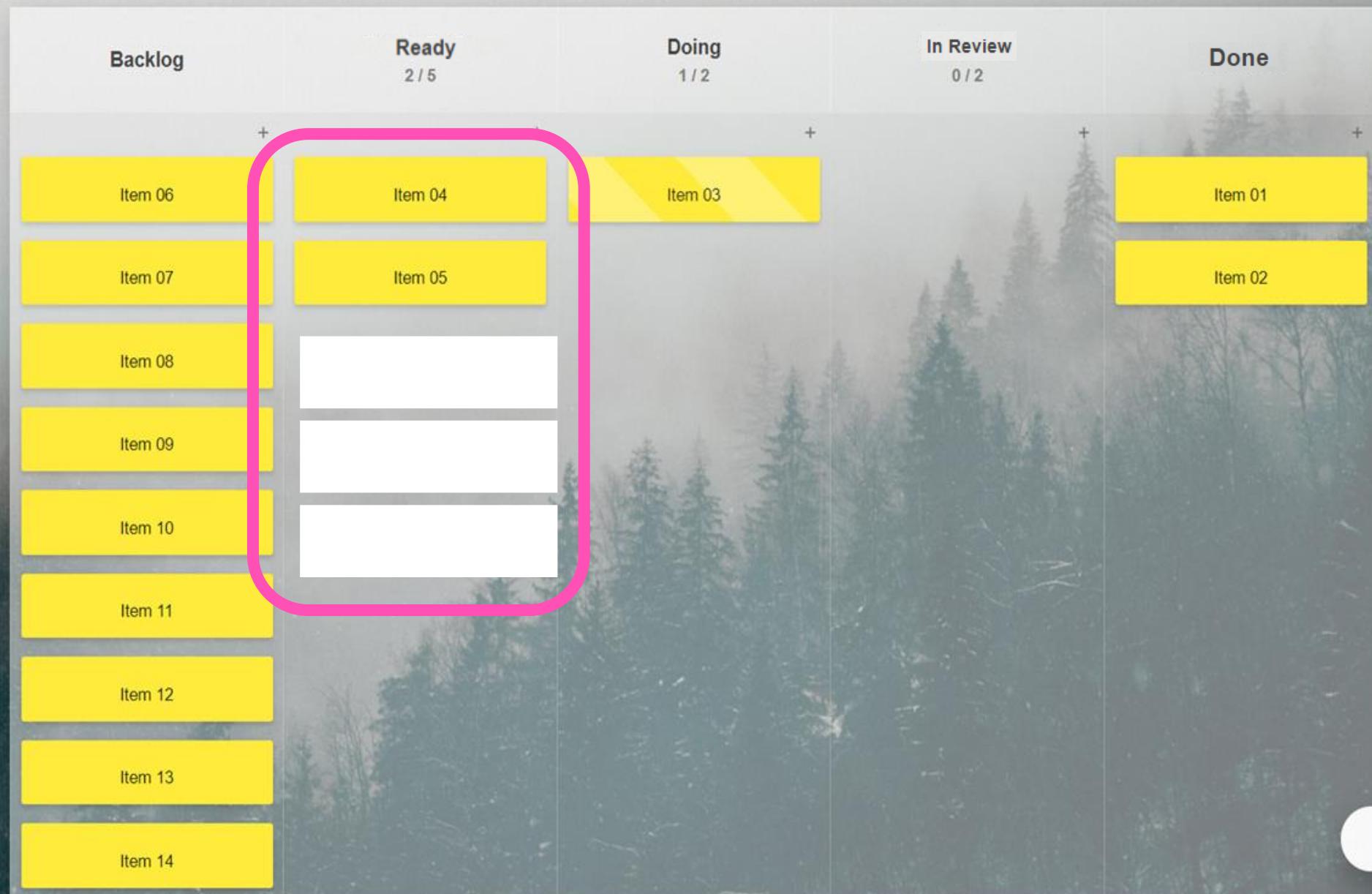






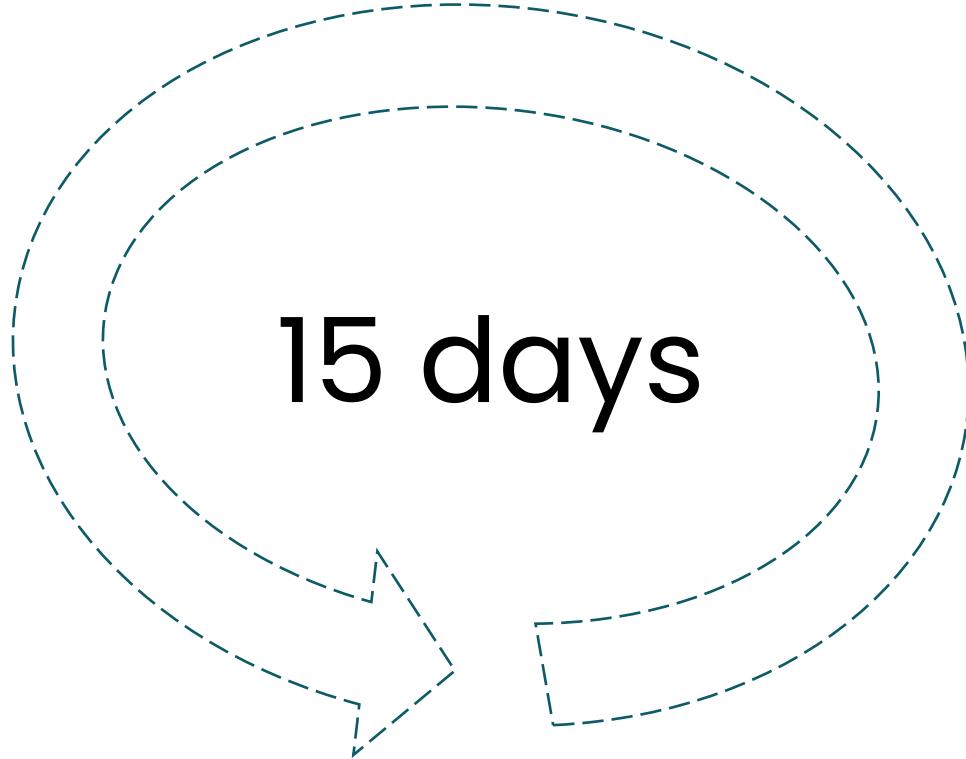
▶ Start tour





▶ Start tour





**15 days**



# KANBAN BOARD FOCUSING ON THE FLOW



Do	Doing	Done
+ Soft Skills: Which is the most important?	+ How to be an inspirational leader?	+ Building High Performance Teams
How to be a good leader	Project management in small teams	Writing a S.M.A.R.T goal
The Secret to Teamwork		How to lead bigger teams?
How to Set a Good Goal		How to Keep Your Team Focused
Project Management 80/20		
3 Steps to Powerful Communication		
How to Give Your Team Feedback		
5 steps to doubling your team's capacity		

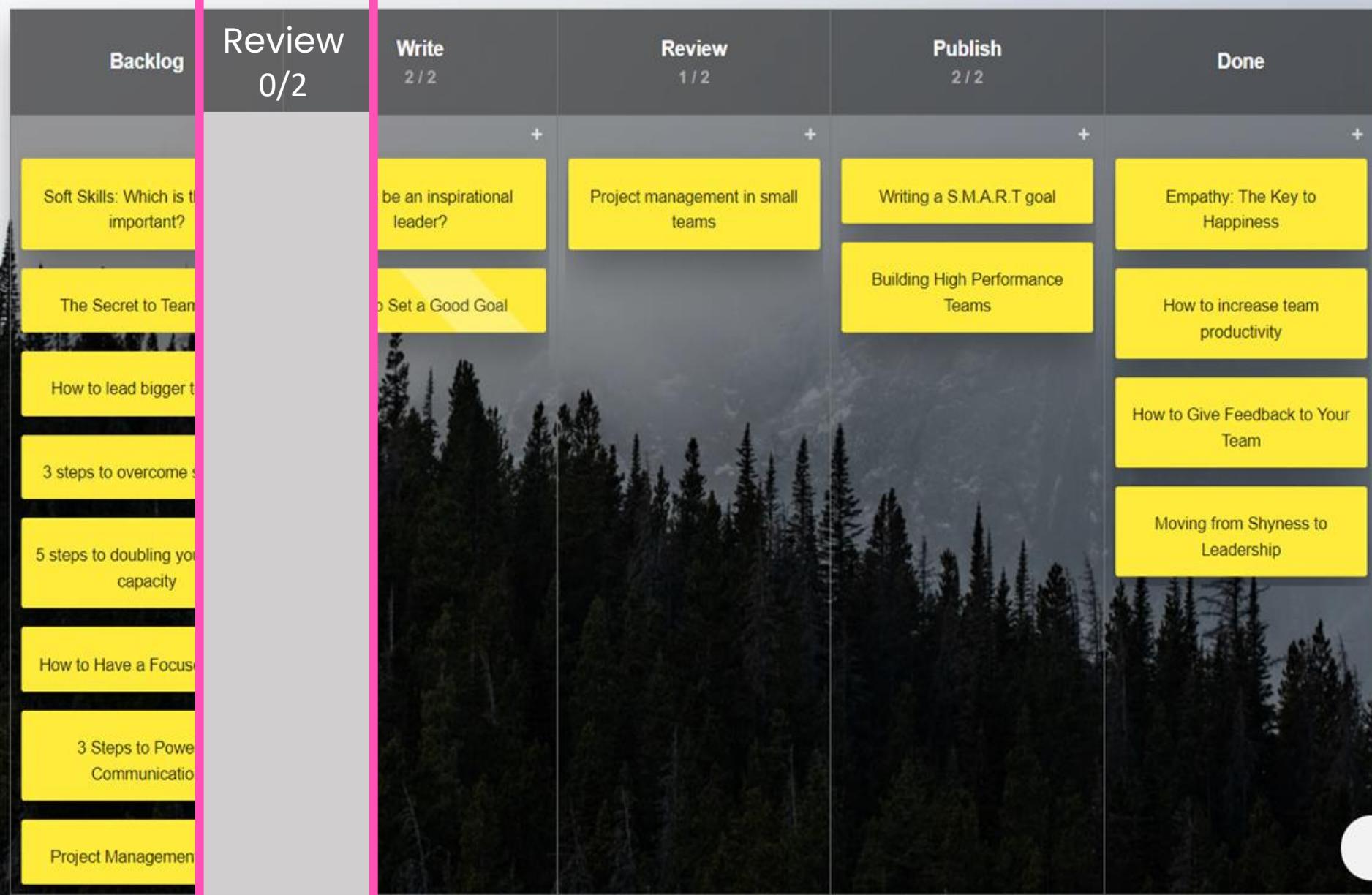
Start tour



Backlog	Write 2 / 2	Review 1 / 2	Publish 2 / 2	Done
<p>Soft Skills: Which is the most important?</p> <p>The Secret to Teamwork</p> <p>How to lead bigger teams?</p> <p>3 steps to overcome shyness</p> <p>5 steps to doubling your team's capacity</p> <p>How to Have a Focused Team</p> <p>3 Steps to Powerful Communication</p> <p>Project Management 80/20</p>	<p>How to be an inspirational leader?</p> <p>How to Set a Good Goal</p>	<p>Project management in small teams</p>	<p>Writing a S.M.A.R.T goal</p> <p>Building High Performance Teams</p>	<p>Empathy: The Key to Happiness</p> <p>How to increase team productivity</p> <p>How to Give Feedback to Your Team</p> <p>Moving from Shyness to Leadership</p>

Start tour

x



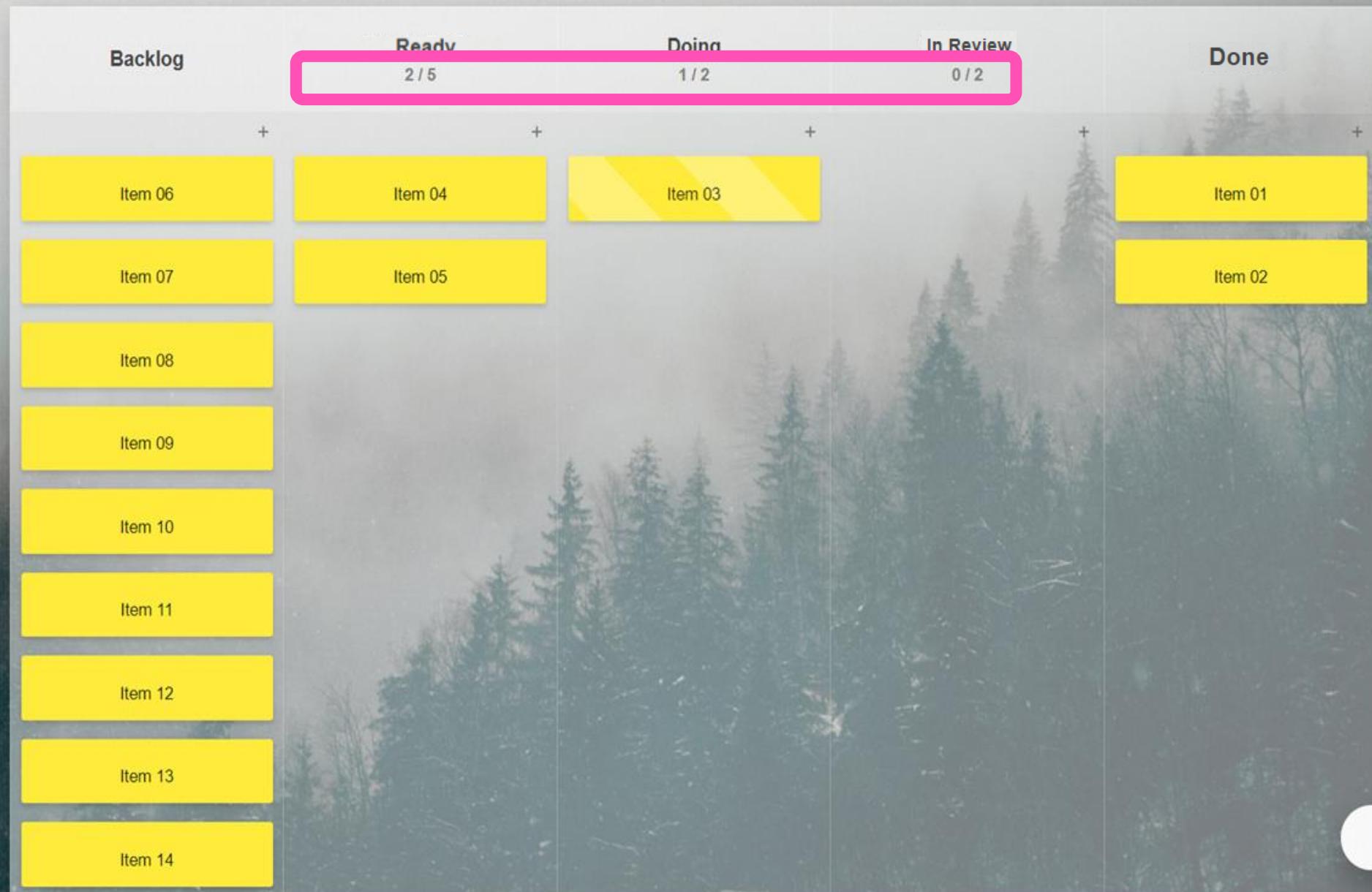
Start tour

x



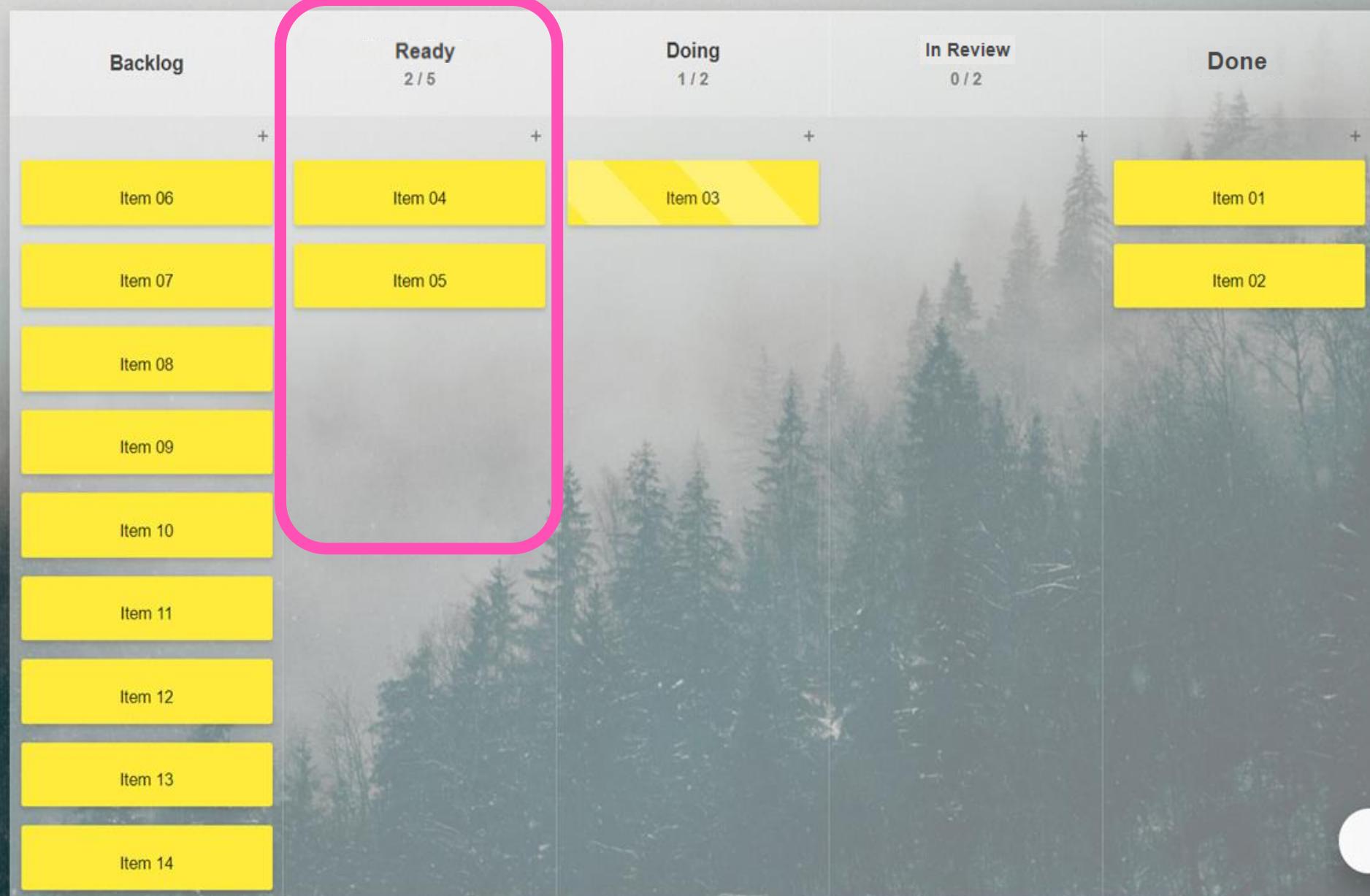
# **SCRUMBAN**

## **LIMITING WIP**



▶ Start tour





▶ Start tour



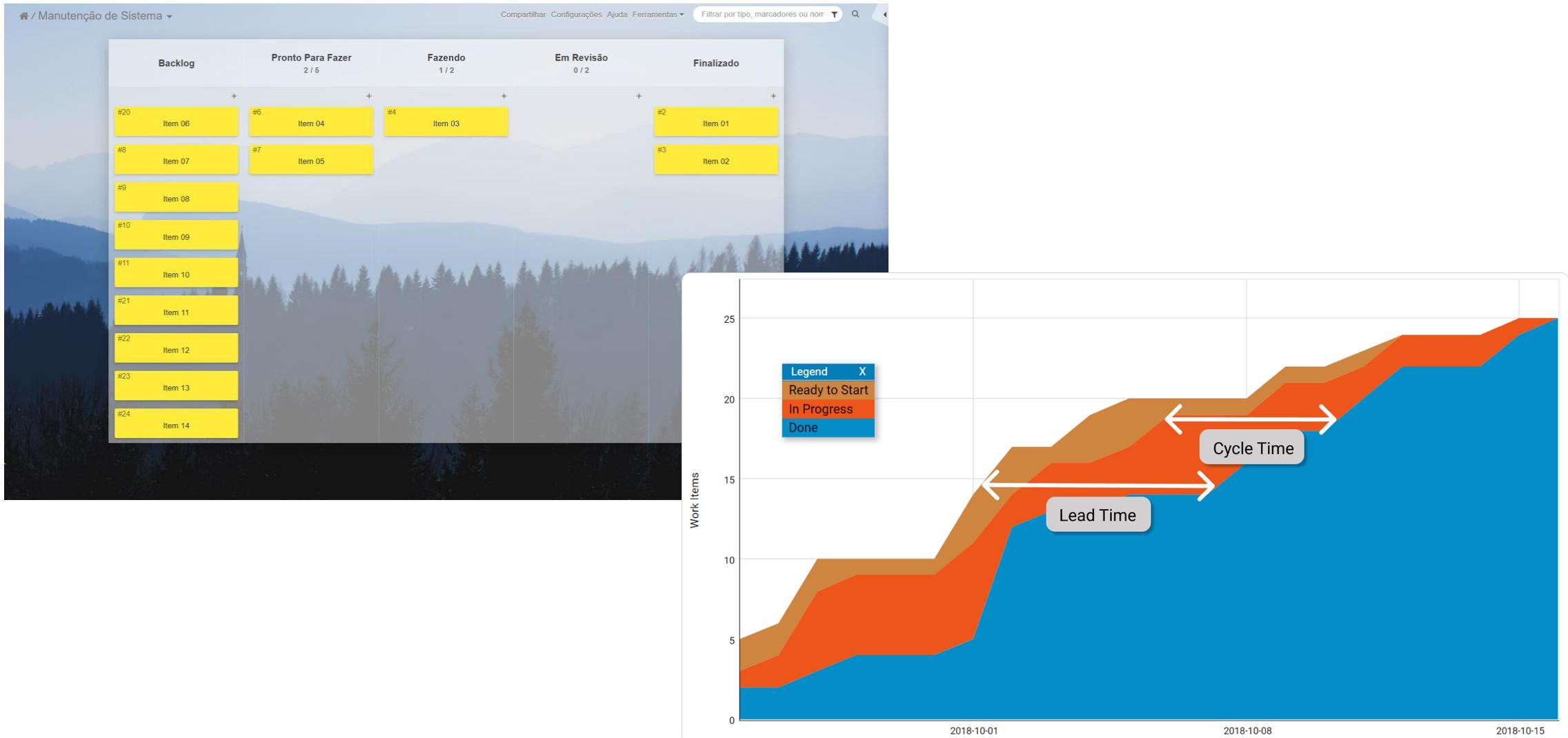


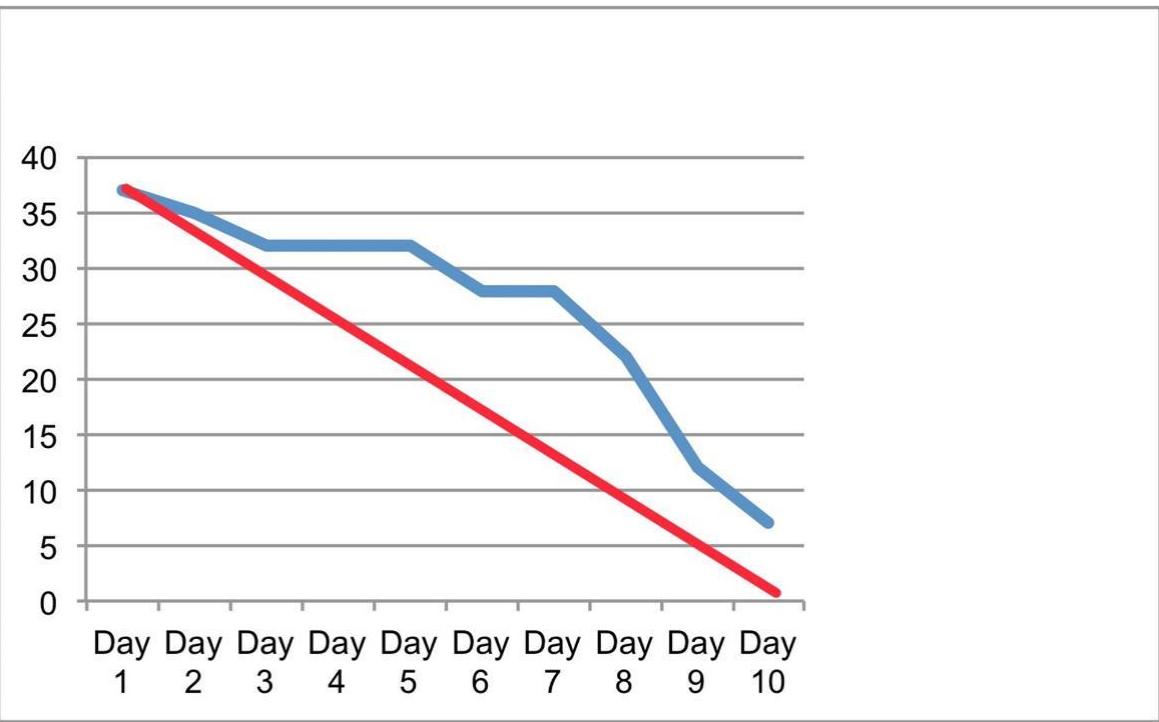
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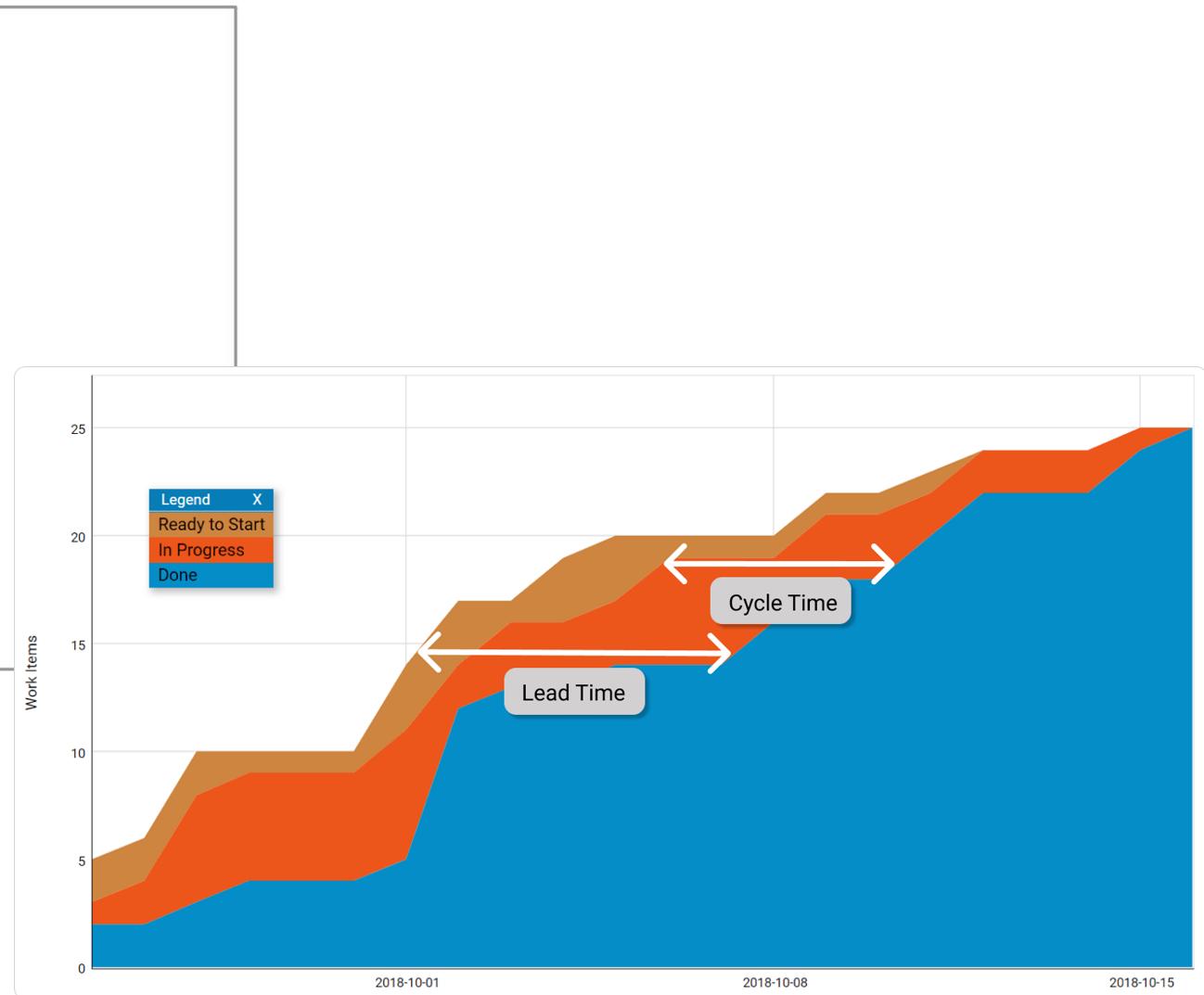
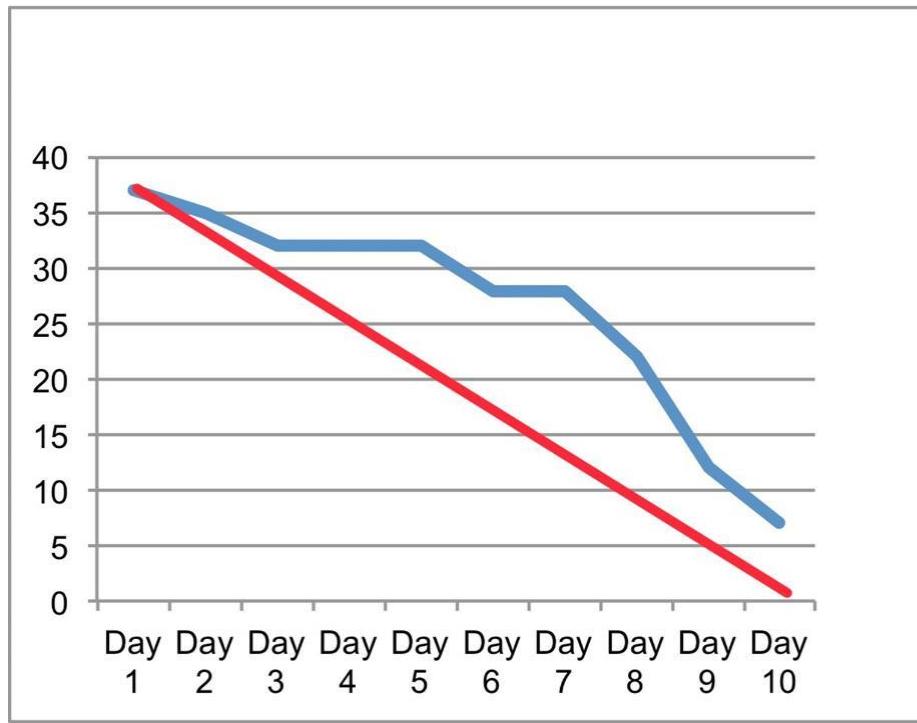
# **DAILY MEETING**

Week	Actual	Budget	Variance
1/1/09	25	12	6
1/8/09	39	12	12
1/15/09	42	12	12













# **SCRUMBAN**

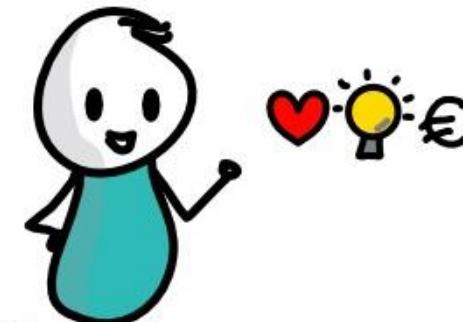
# **REVIEW & RETROSPECTIVE**



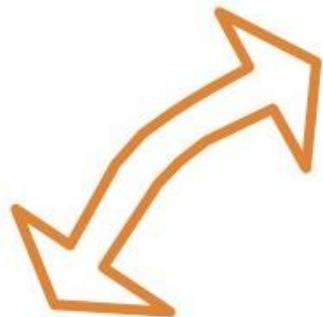




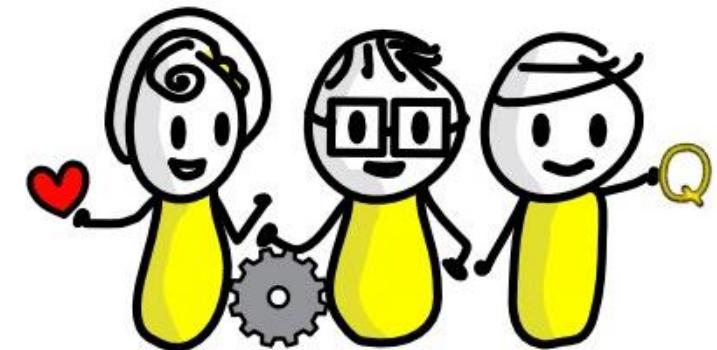
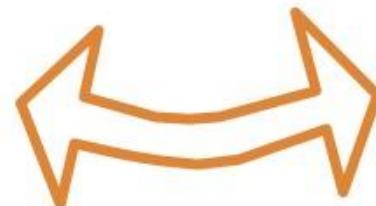
# SCRUMBAN ACCOUNTABILITIES



Product  
Owner



Scrum  
Master



Developers





# **SCRUM x KANBAN x SCRUMBAN**

	Scrum	Kanban	Scrumban
Team size			
Accountabilities			
Work Cycles			
Planning			
Work item Size			
Work Management			
Board			
Work Limits			
Changes			
Events			

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Team size	Typically, 10 or fewer	Undefined	Undefined
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## The Nexus™ Guide

The Definitive Guide to Scaling Scrum with Nexus

January 2021

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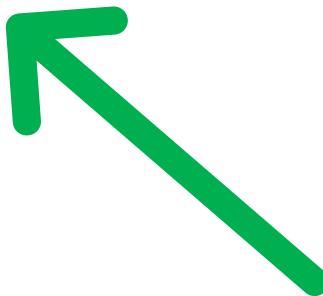
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Events	Daily Scrum, Sprint Planning, Sprint Review, Sprint Retrospective. Mandatory with fixed cadency.	Undefined	Daily Meeting, Planning, Review, Retrospective. Optional and on-demand.

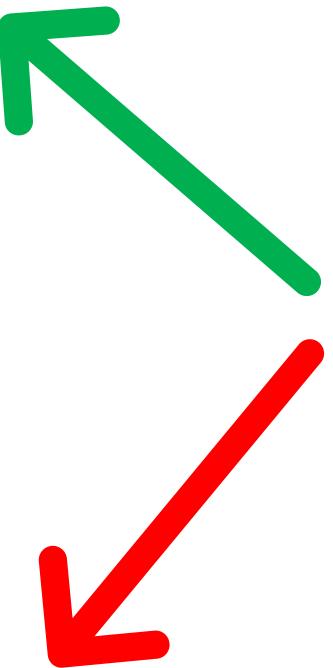
Kanban



Scrumban

Kanban

Scrum



Scrumban

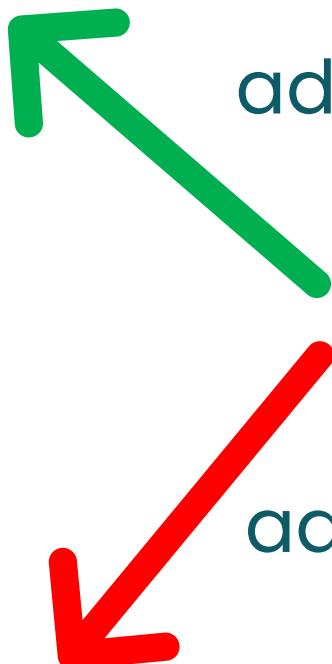
# Kanban

# Scrum



# Kanban

# Scrum



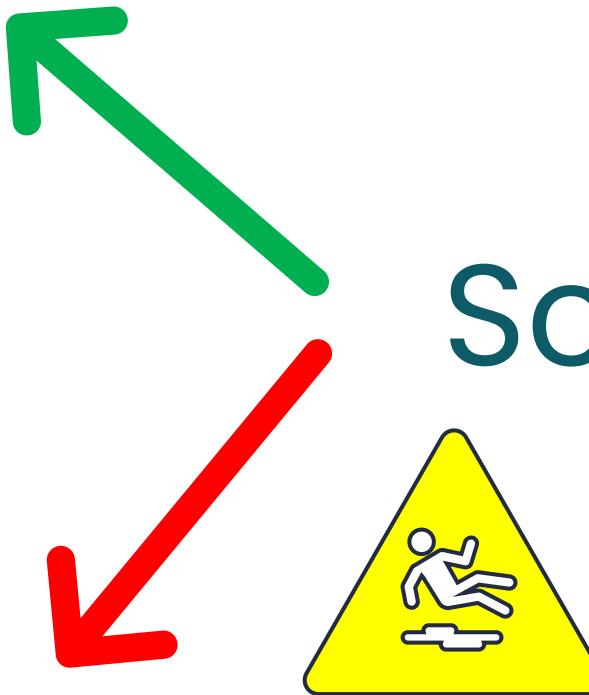
adds structure

# Scrumban

adds flexibility

Kanban

Scrum



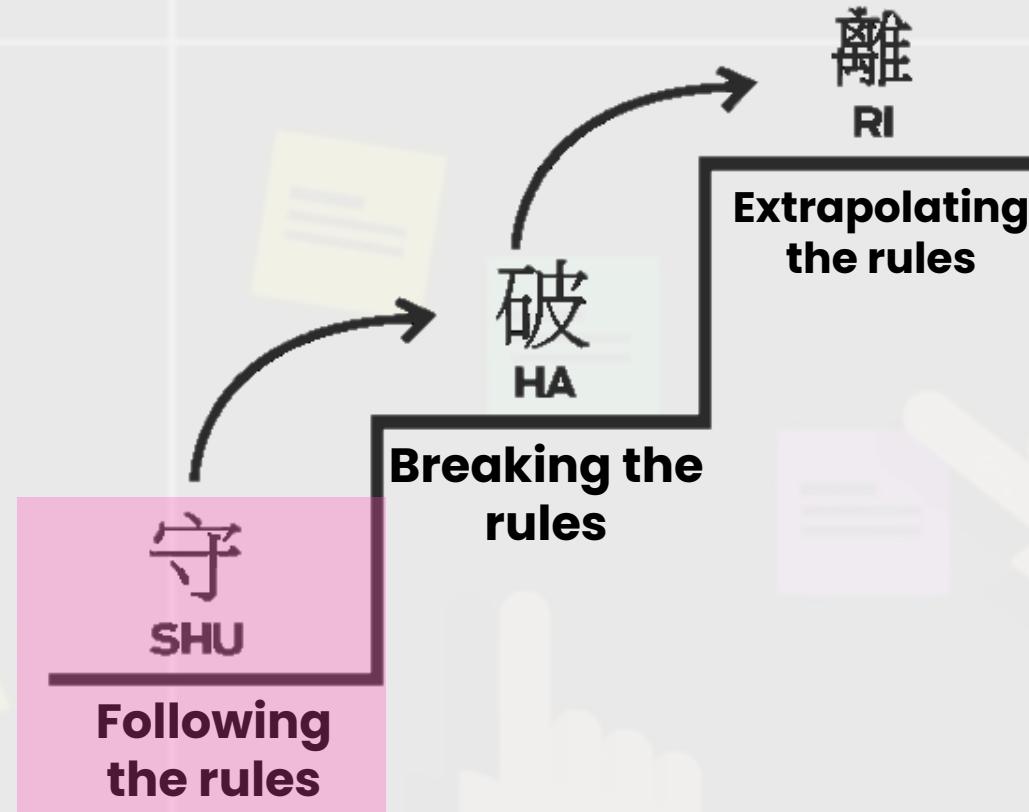


# SHU-HA-RI

TO DO

DOING

DONE



TO DO

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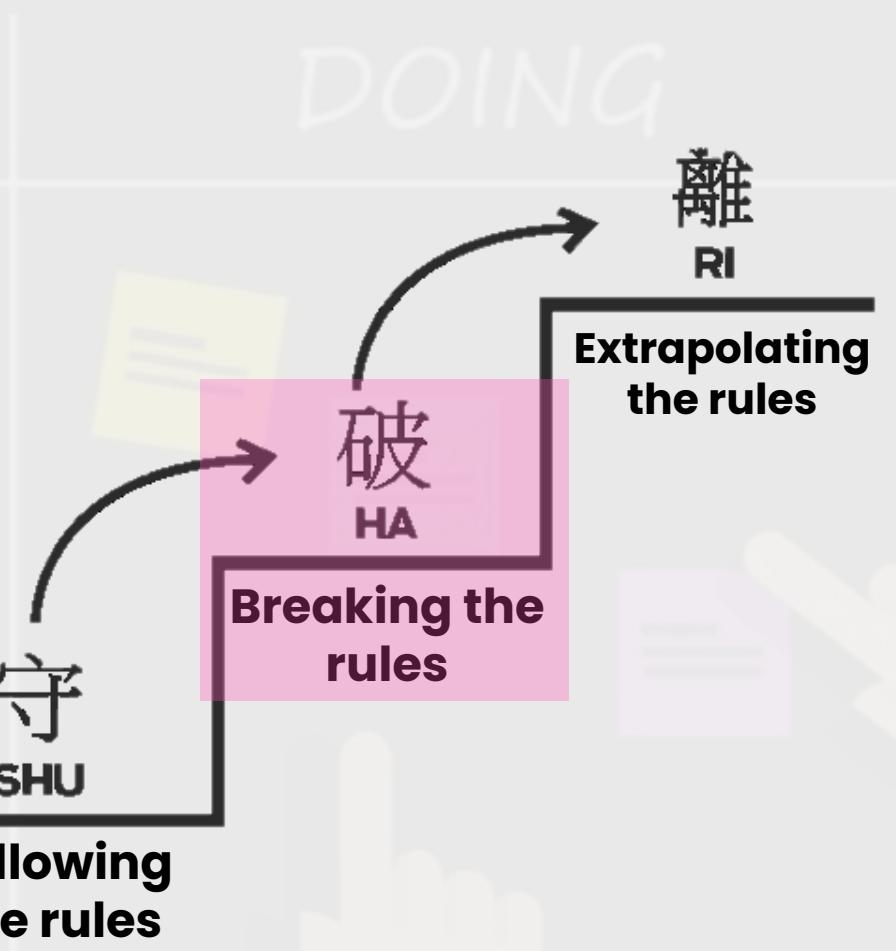
Following  
the rules

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Breaking the  
rules

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Extrapolating  
the rules



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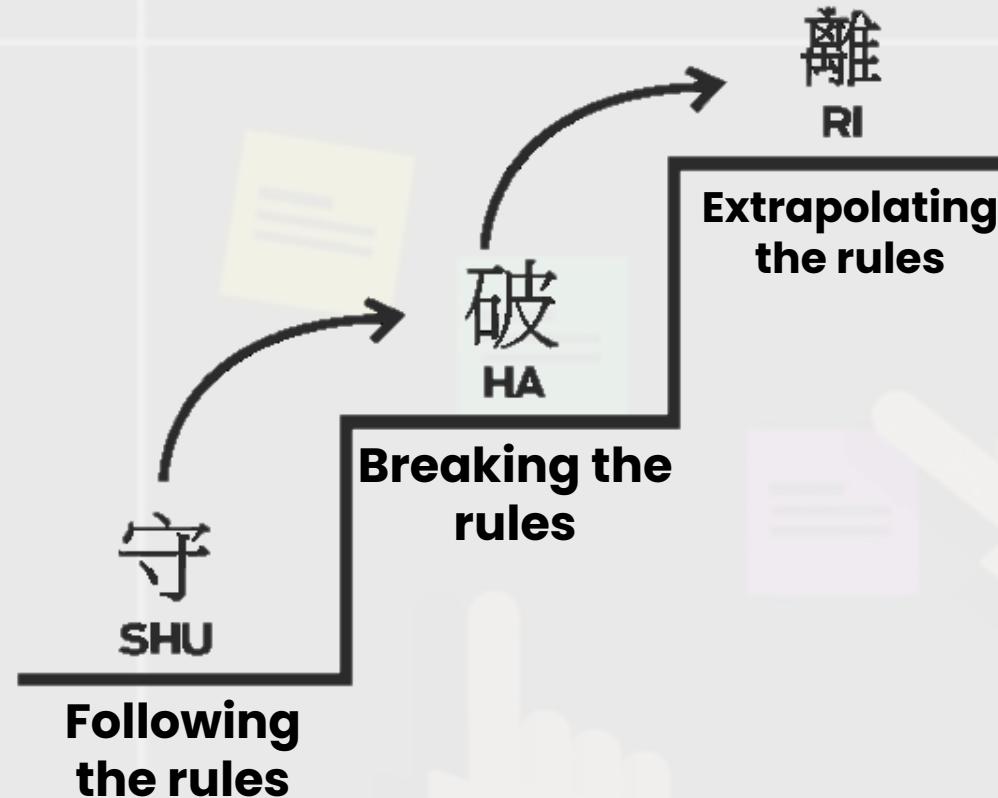
Extrapolating  
the rules

Scrum

TO DO

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Scrumban

