

Ready, Set, Go Scrum

Felipe Engineer-Manriquez

Claire Vorthmann

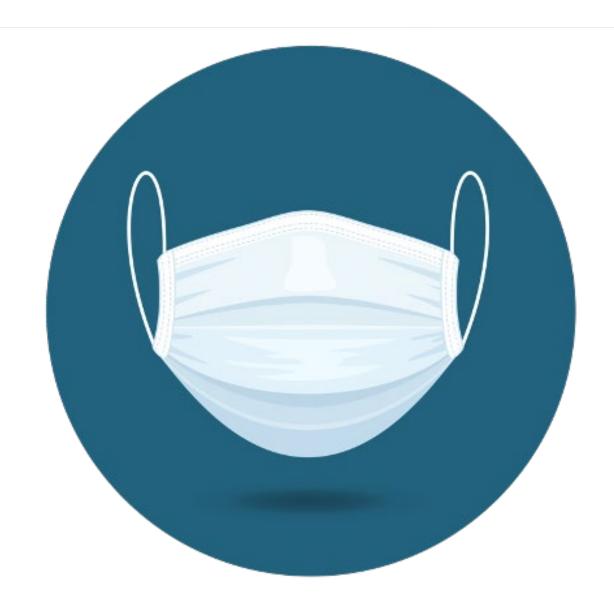


LEARN BY DOING FROM THOSE WHO DO

October 19, 2021

Health precautions to keep everyone as safe as possible at Congress:

- Wear masks at all times in indoor events.
- Complete your daily health screening on your phone and bring it with you when you enter the center each day.
- Practice social distancing to the extent possible. Seating at plenary sessions is being structured to help with this.
- •If you feel ill at any time, please leave the conference and return to your room/consult a physician as necessary.
- •Ultimately, our collective health and safety at Congress is up to all of us. Thanks for your support!



Session Agenda

01:00 – Introductions **01:15** – Setting Up Your Scrum Board **01:50** – Mini Q&A / Break 02:00 - Prioritization and Value 02:50 - Mini Q&A / Break 03:00 - Daily Scrum **03:50** – Mini Q&A / Break **04:00** – Applications / Examples



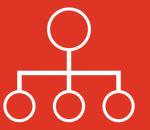
04:50 - Plus / Delta

Learning Objectives











01.

Use Scrum as a framework to productively and creatively work to deliver the highest possible value

02.

Demonstrate the fundamental Scrum principles, values, and methods

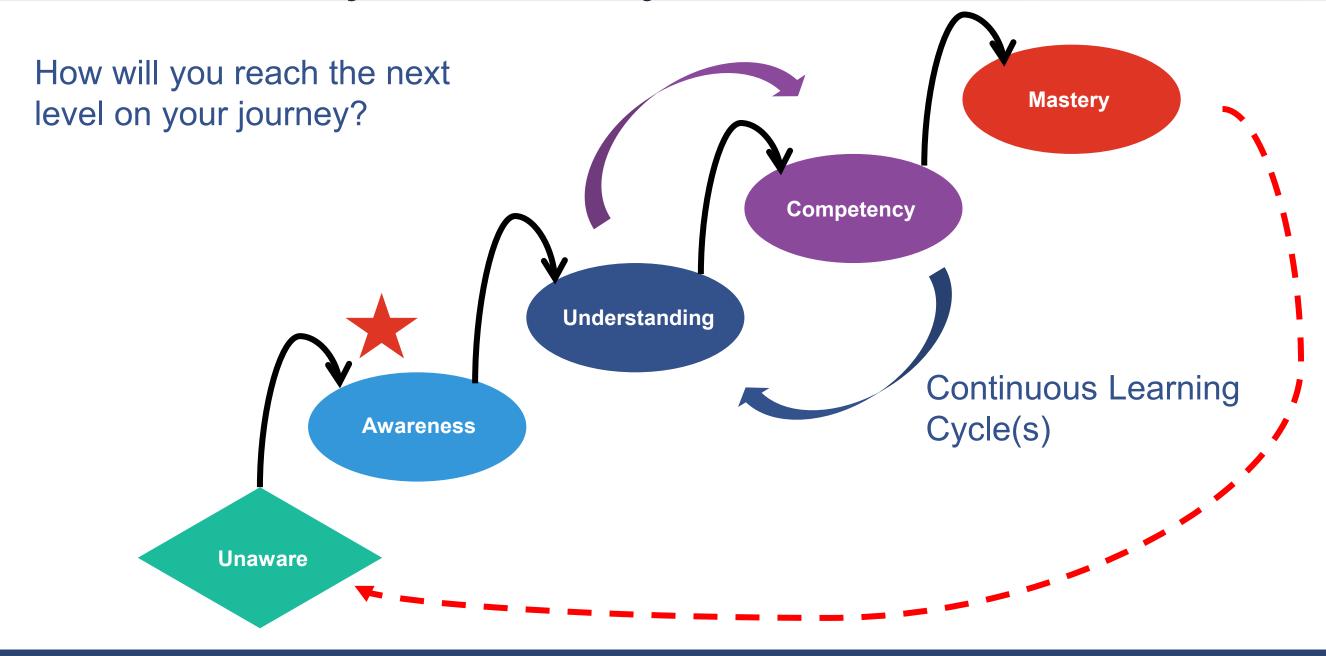
03.

Understand what types of work and team makeups best support the use of Scrum in Construction

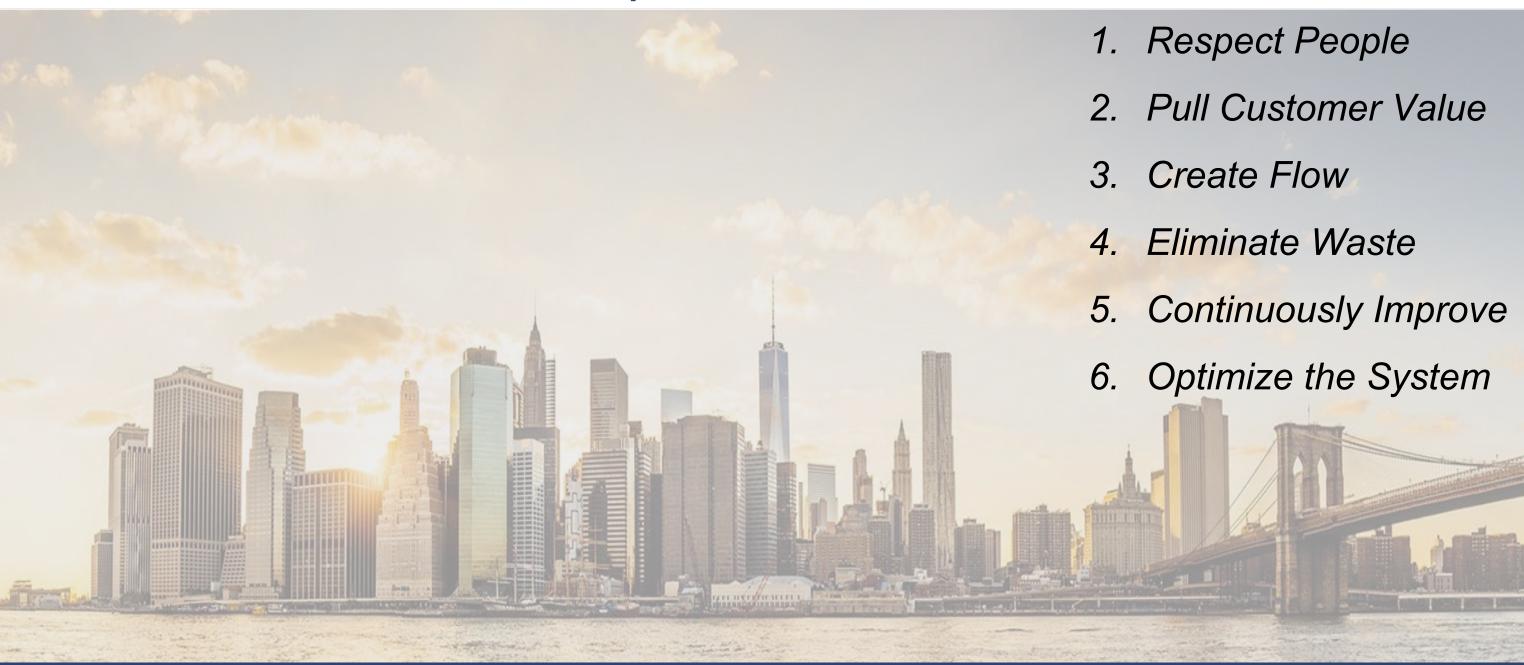
04.

Create a personal or team Scum aligned with the six Lean Construction Principles

Lean Journey to Mastery



Lean Construction Principles

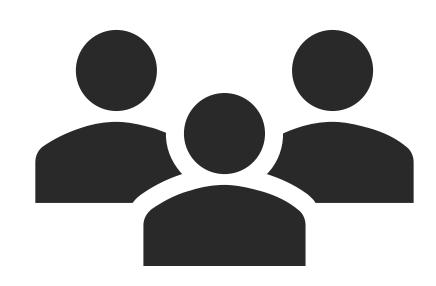


WARNING

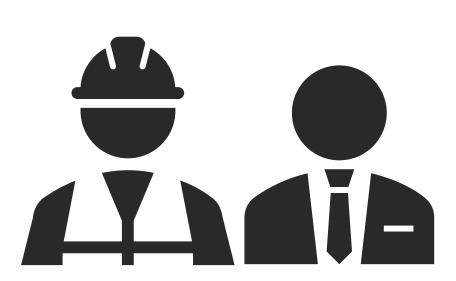
Using Lean principles and Agile methods result in increased capacity.

More time to improve, optimize, and coach others will be <u>YOUR</u> problem.

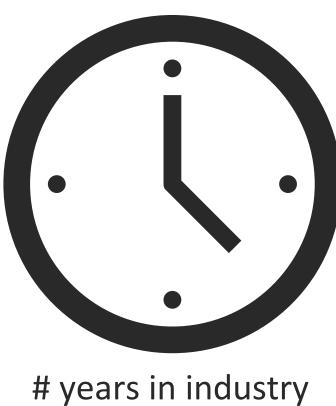
Introductions



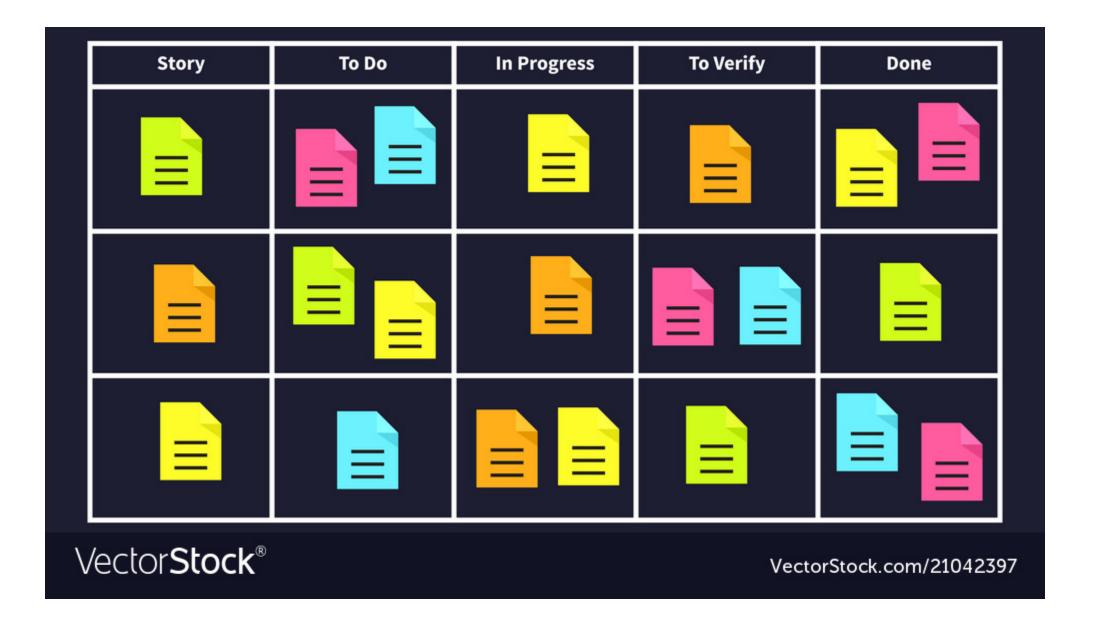
My name is...



Firm name...



Setting up your scrum board



Scrum Board Game

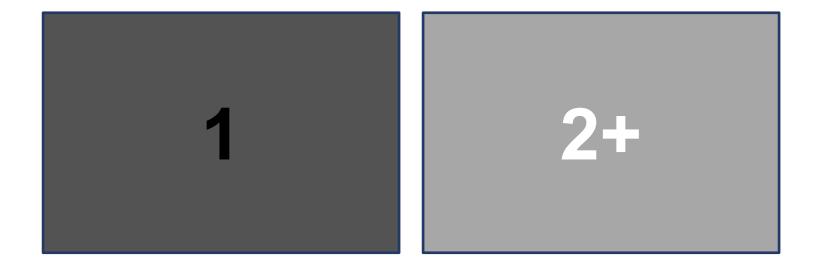
Make This Board

TO DO		DOING	DONE		
6 1			RIGHT	WRONG	
	7	2			
	8	3			
	9	4			
	10	5			

DOING TO DO DONE RIGHT WRONG 6 Does your board match this one? 9 10 5

TO DO		DOING	DONE		
	6			RIGHT	WRONG
				1	
	7	2			
	8	3			
	9	4			
	10	5			

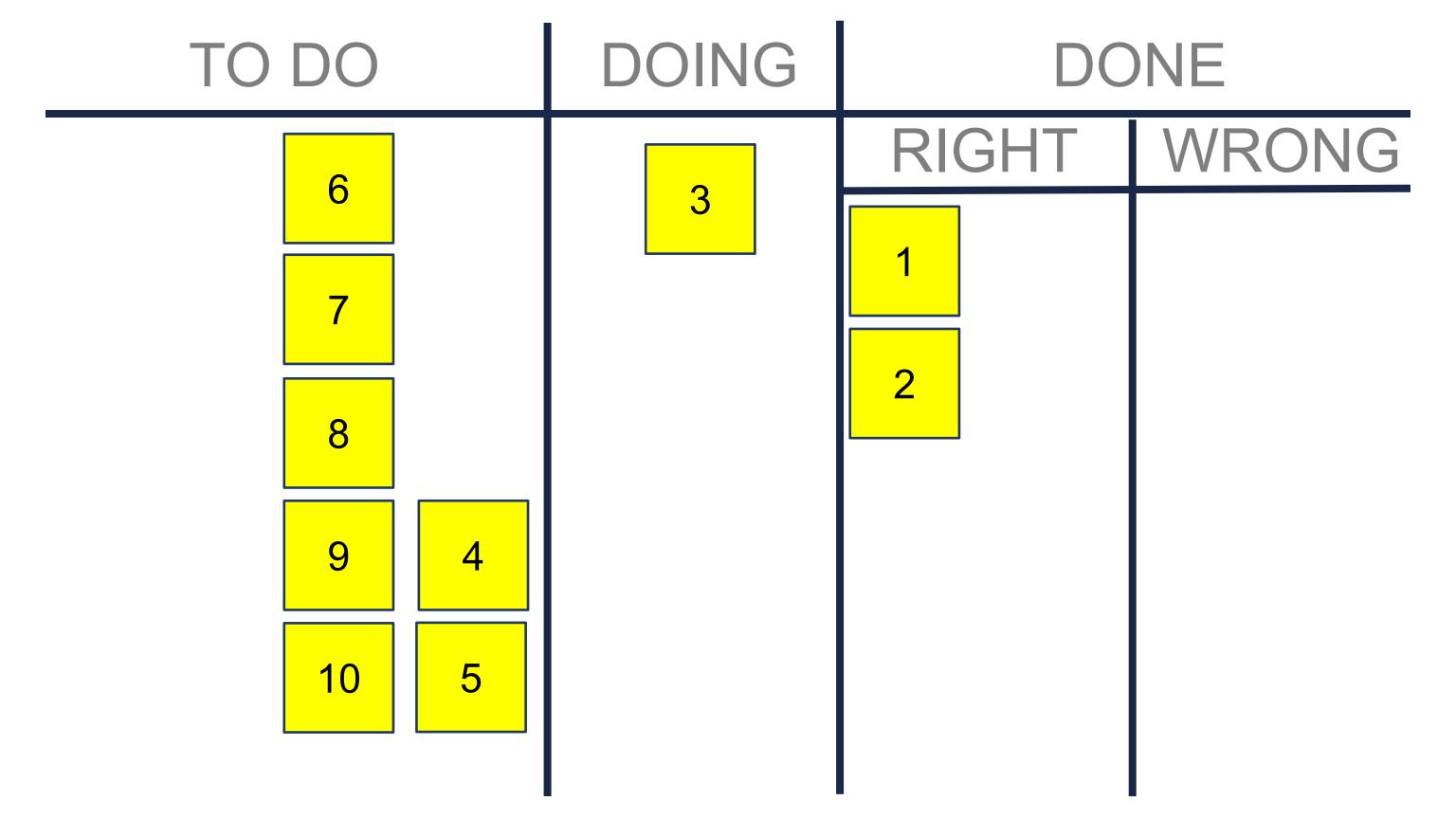
TO DO		DOING	DONE		
	6		2	RIGHT	WRONG
	7			1	
	'				
	8	3			
	9	4			
	10	5			



How many tasks can be in the "Doing" Column?

It Depends

TO DO		DOING	DONE	
6		2	RIGHT	WRONG
7			1	
8	3			
9	4			
10	5			



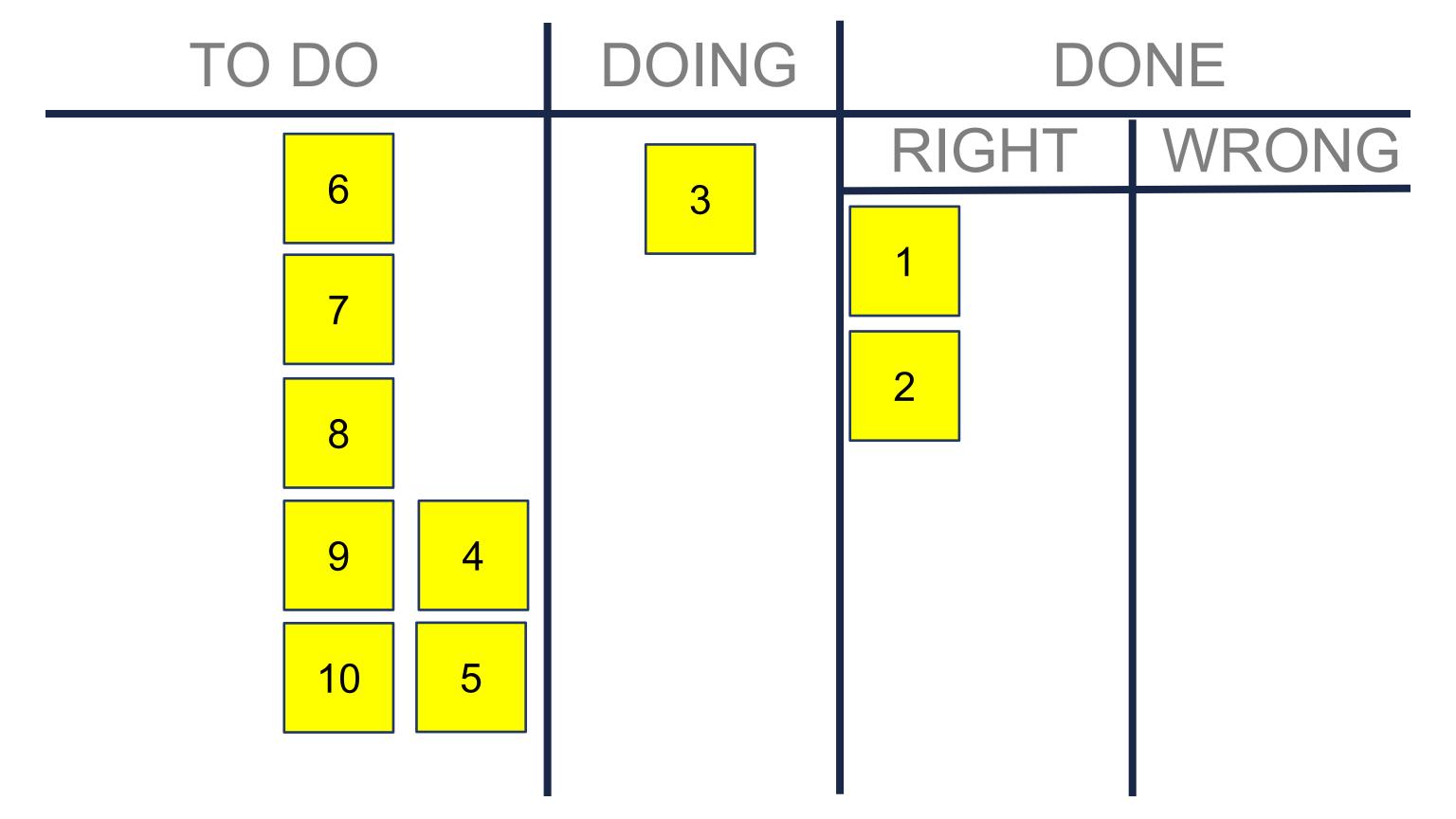
Tasks that take longer than a week to complete

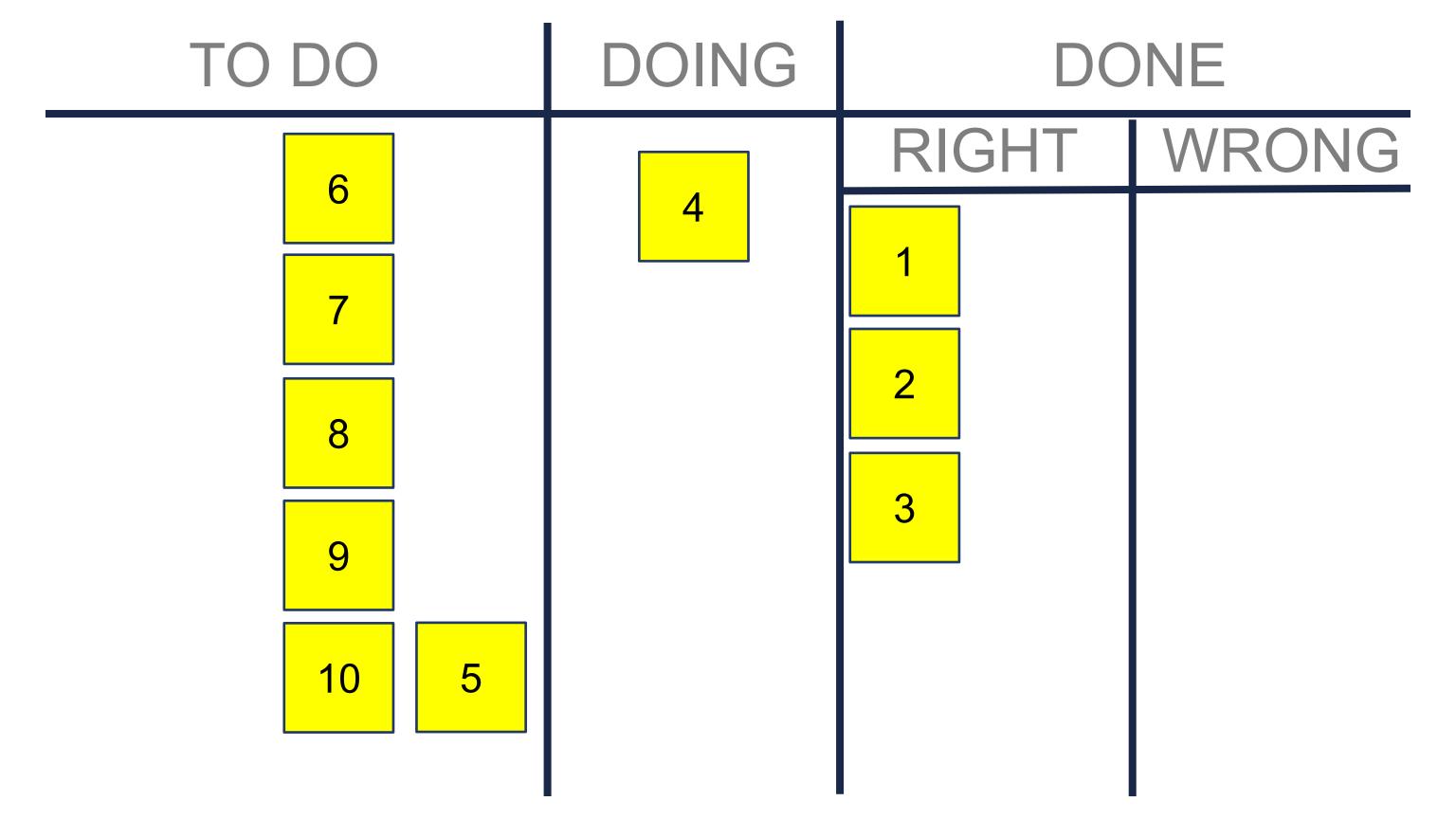
Tasks I can't complete this sprint

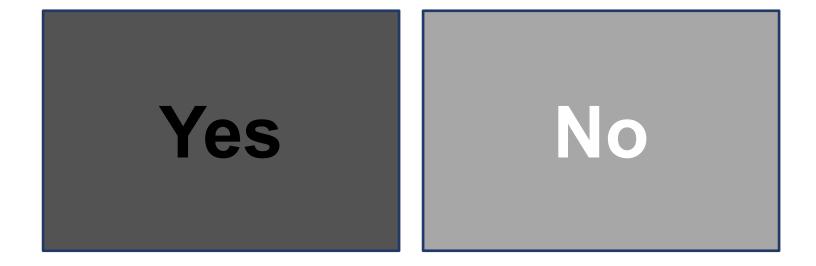
What tasks are on my Backlog?

Value-added tasks

What's a backlog?

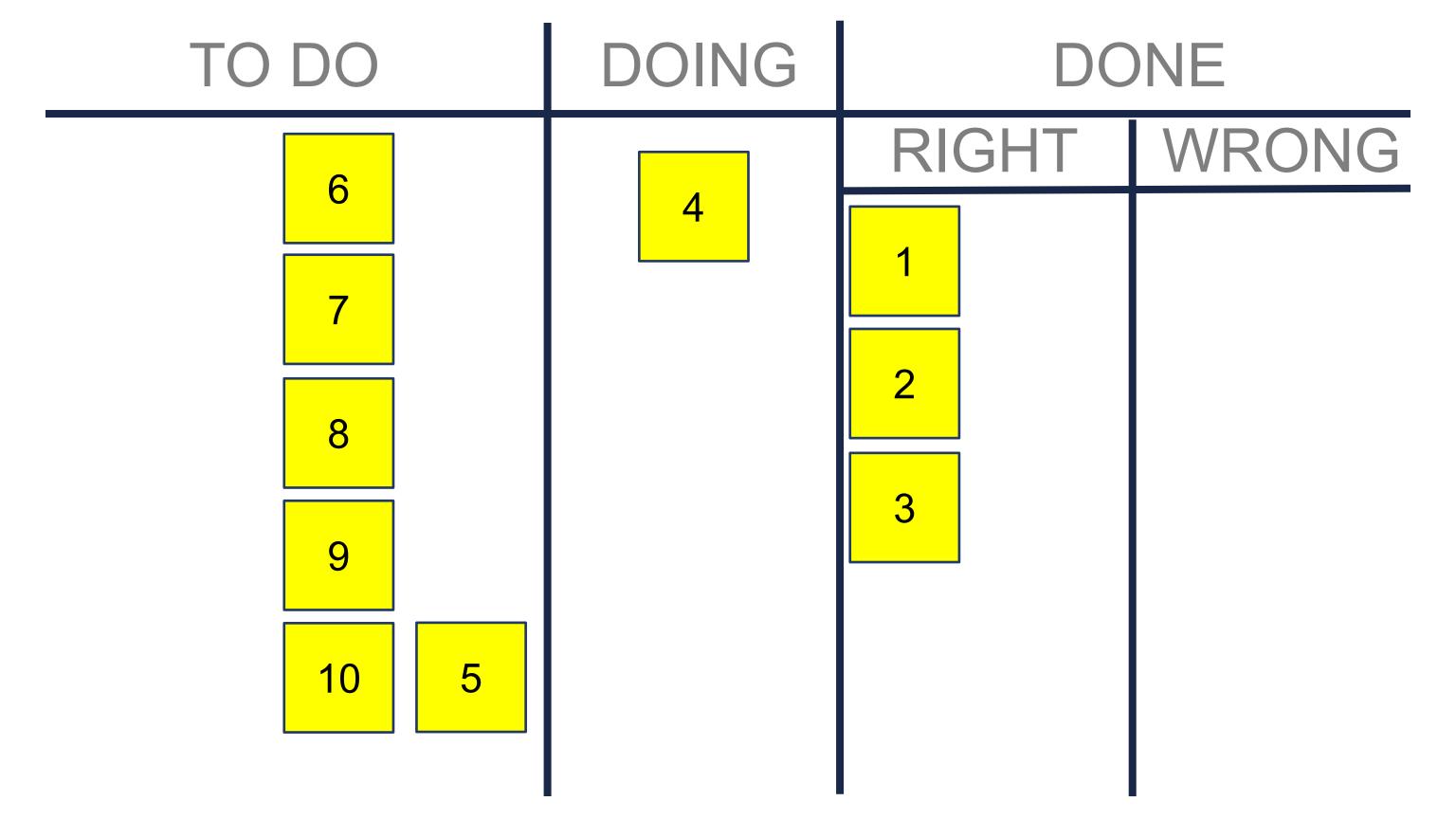






Is Scrum effective for individual use (not teams)?

It Depends



6 7 8 9 4 PRIGHT WRONG A 1 2 3 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO DO	DOING	DC	NE
10	6 7 8 9		RIGHT 1	

Any Assigned Work by Your Boss

All Items From My Email

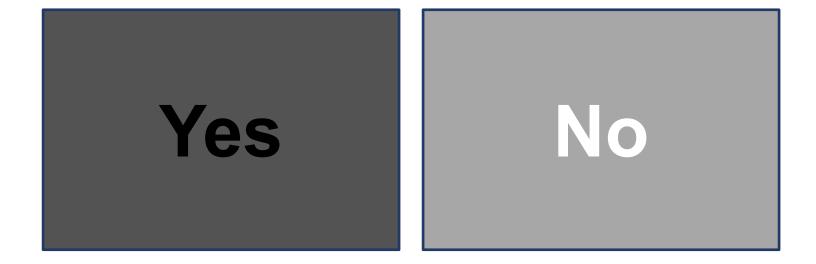
What kind of tasks belong on my board?

Any Work Task
That Takes More
Than 15 Minutes

Everything Known
To Be Needed For
This Work
Increment

6 7 8 9 4 PRIGHT WRONG A 1 2 3 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO DO	DOING	DC	NE
10	6 7 8 9		RIGHT 1	

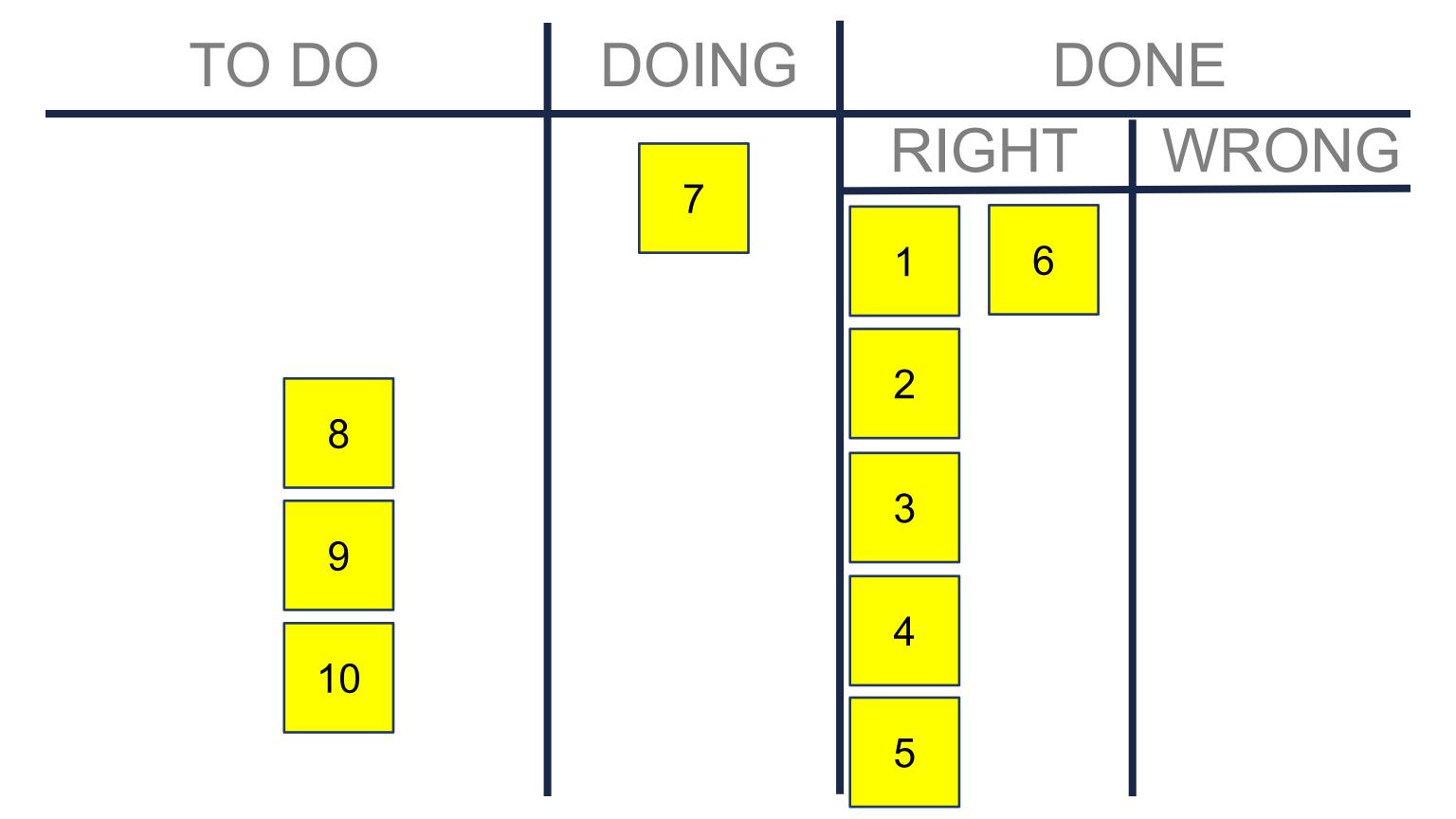
TO DO	DOING	DC	NE
7 8 9	6		WRONG



Can I create more columns on my Scrum board?

lt Depends

TO DO	DOING	DC	NE
7 8 9	6		WRONG



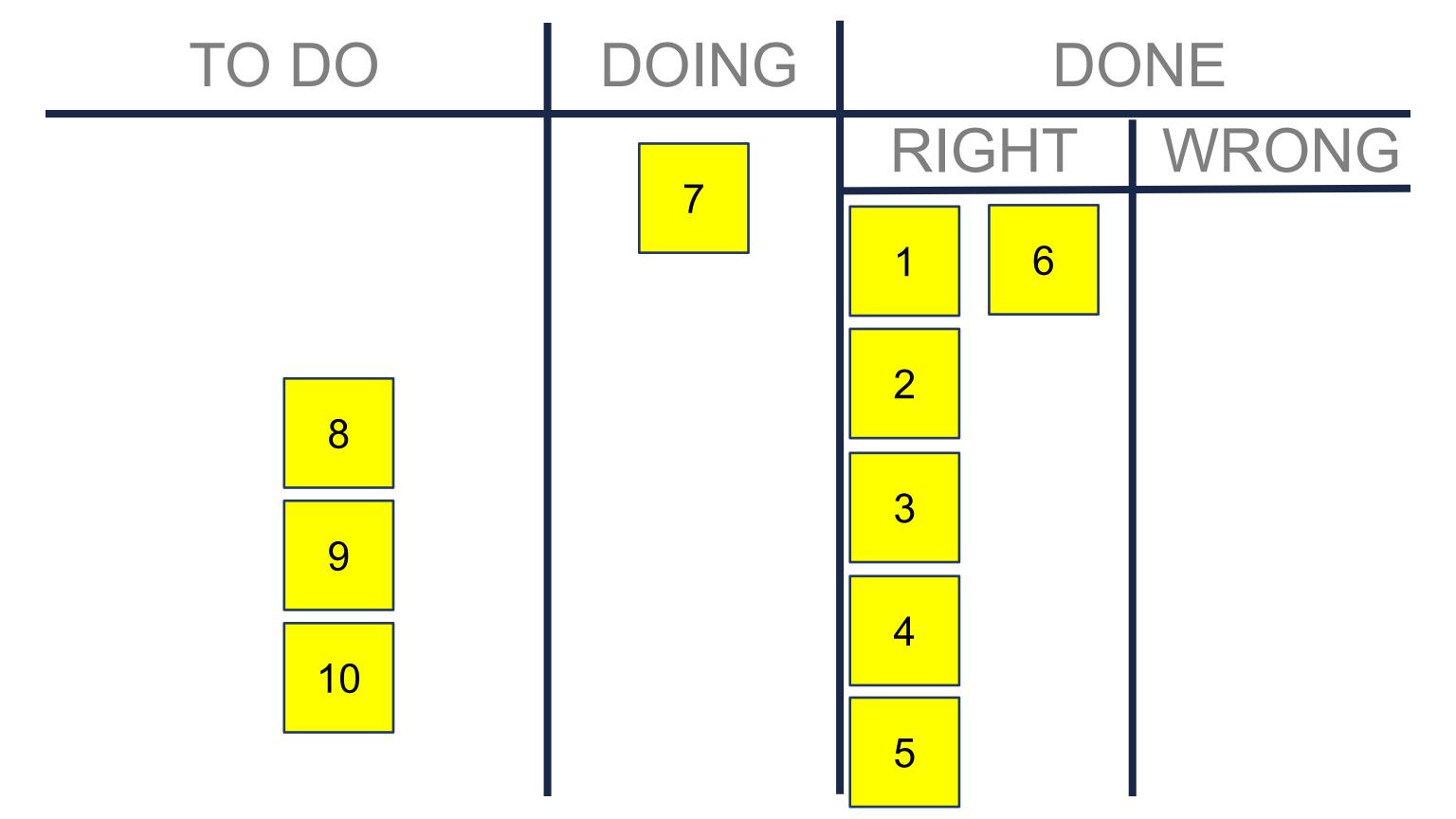
Anyone

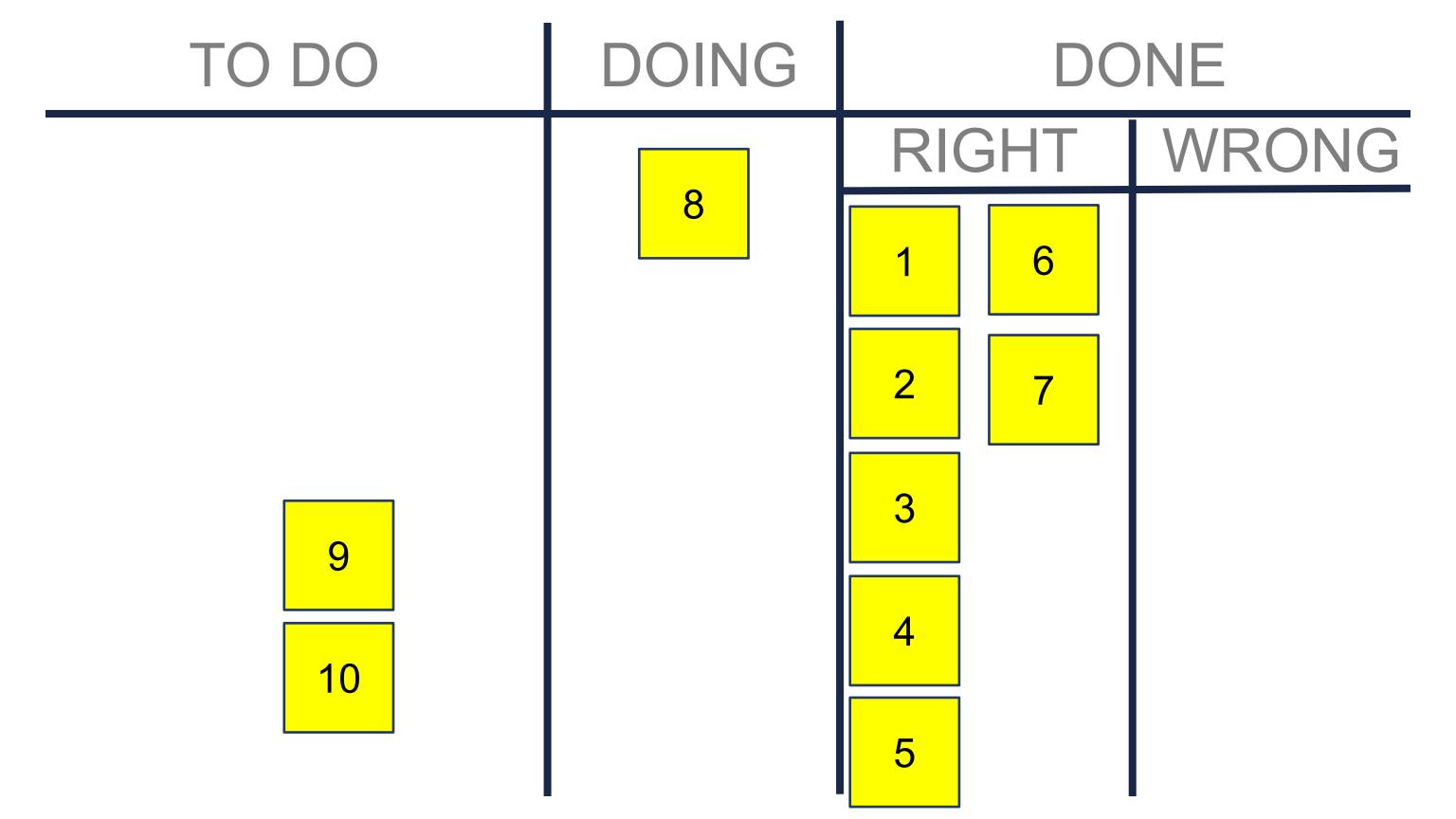
Development Team Member(s)

Who moves the cards on the board?

Product Owner

Scrum Master





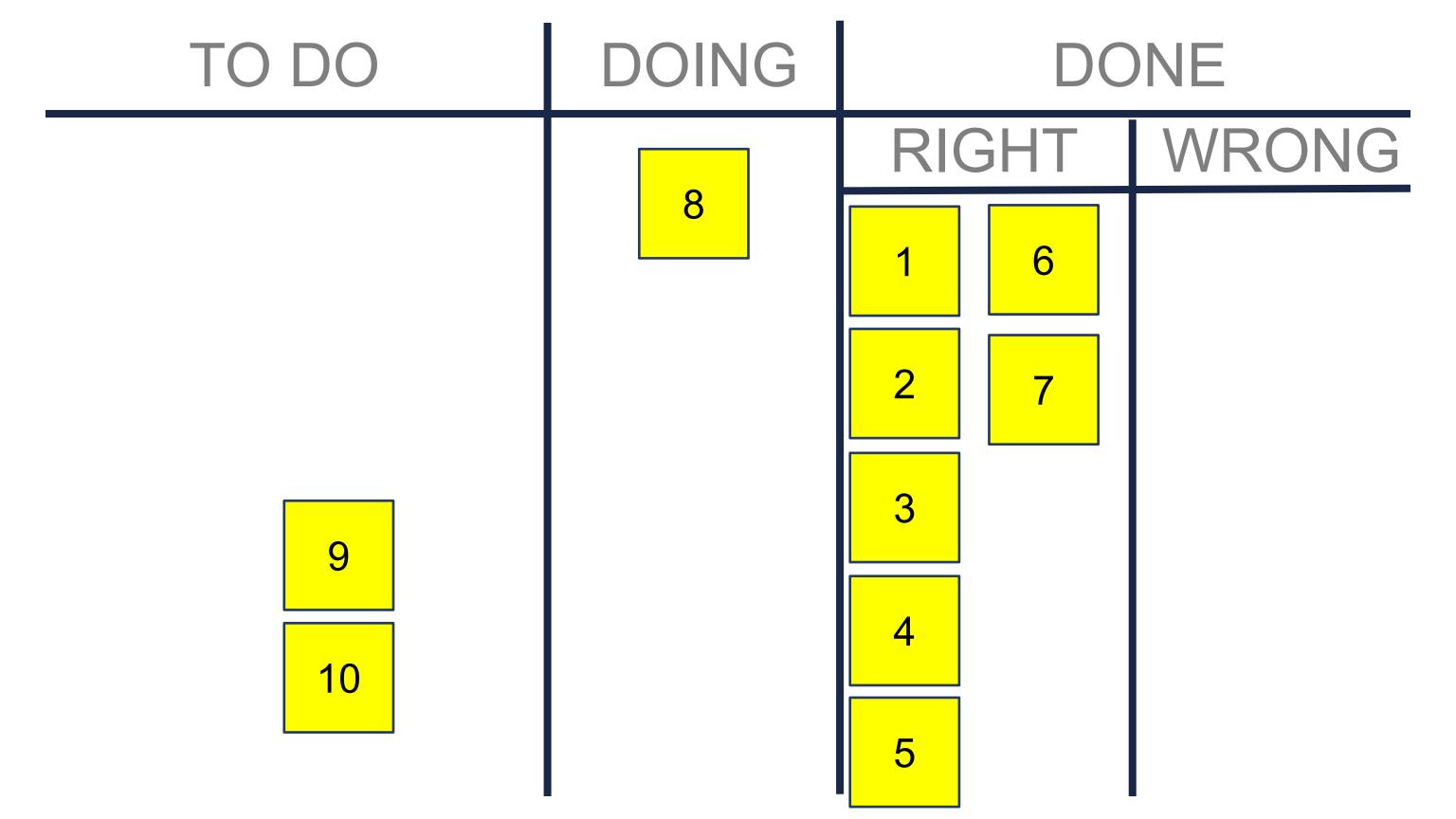
Between 1 and 2 Weeks

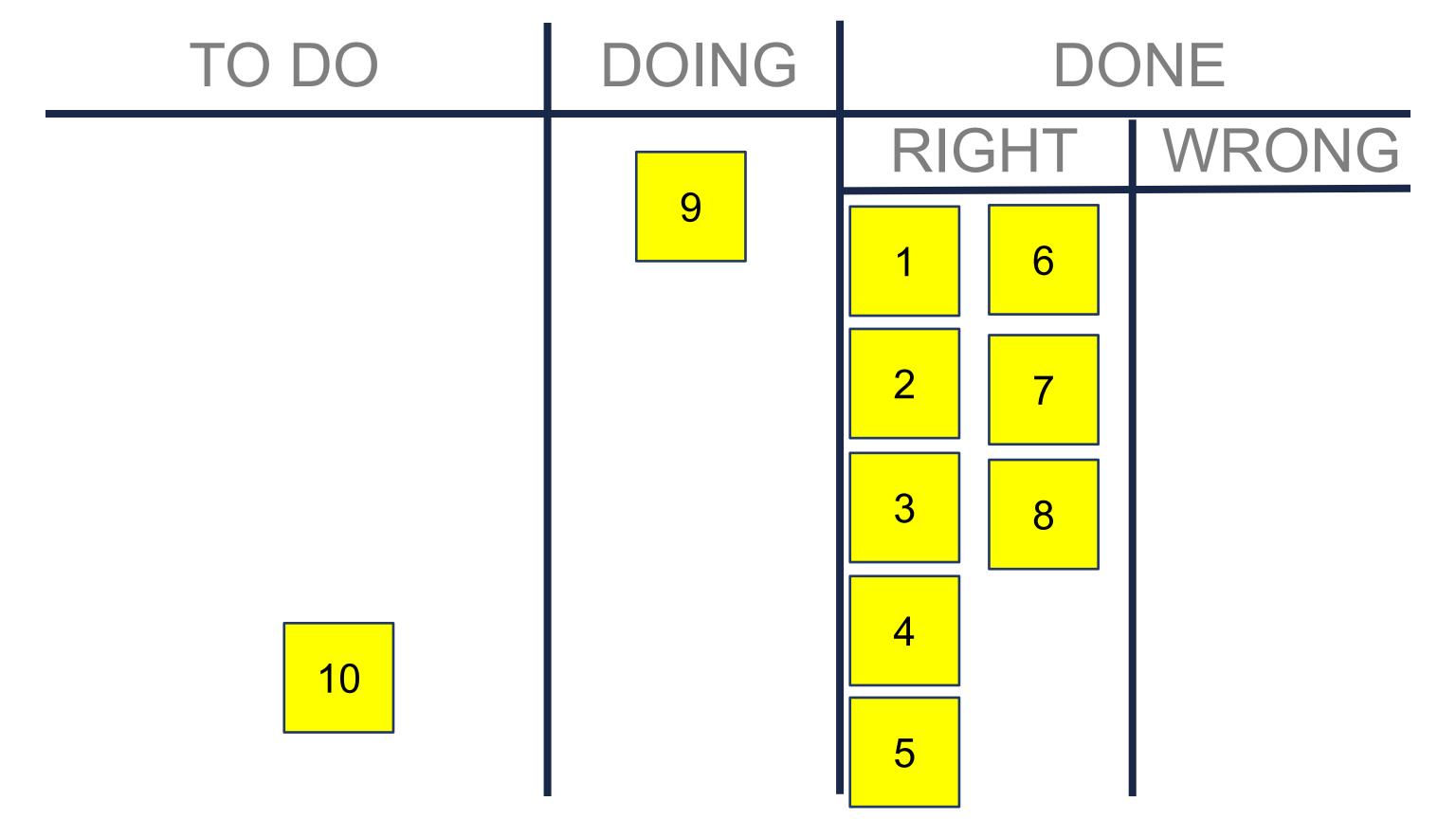
1 Month

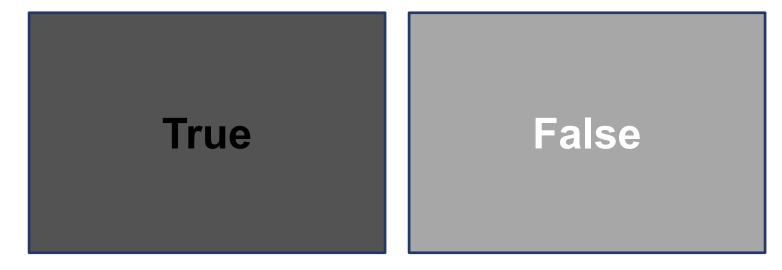
What is the typical length of a Sprint?

1 Day

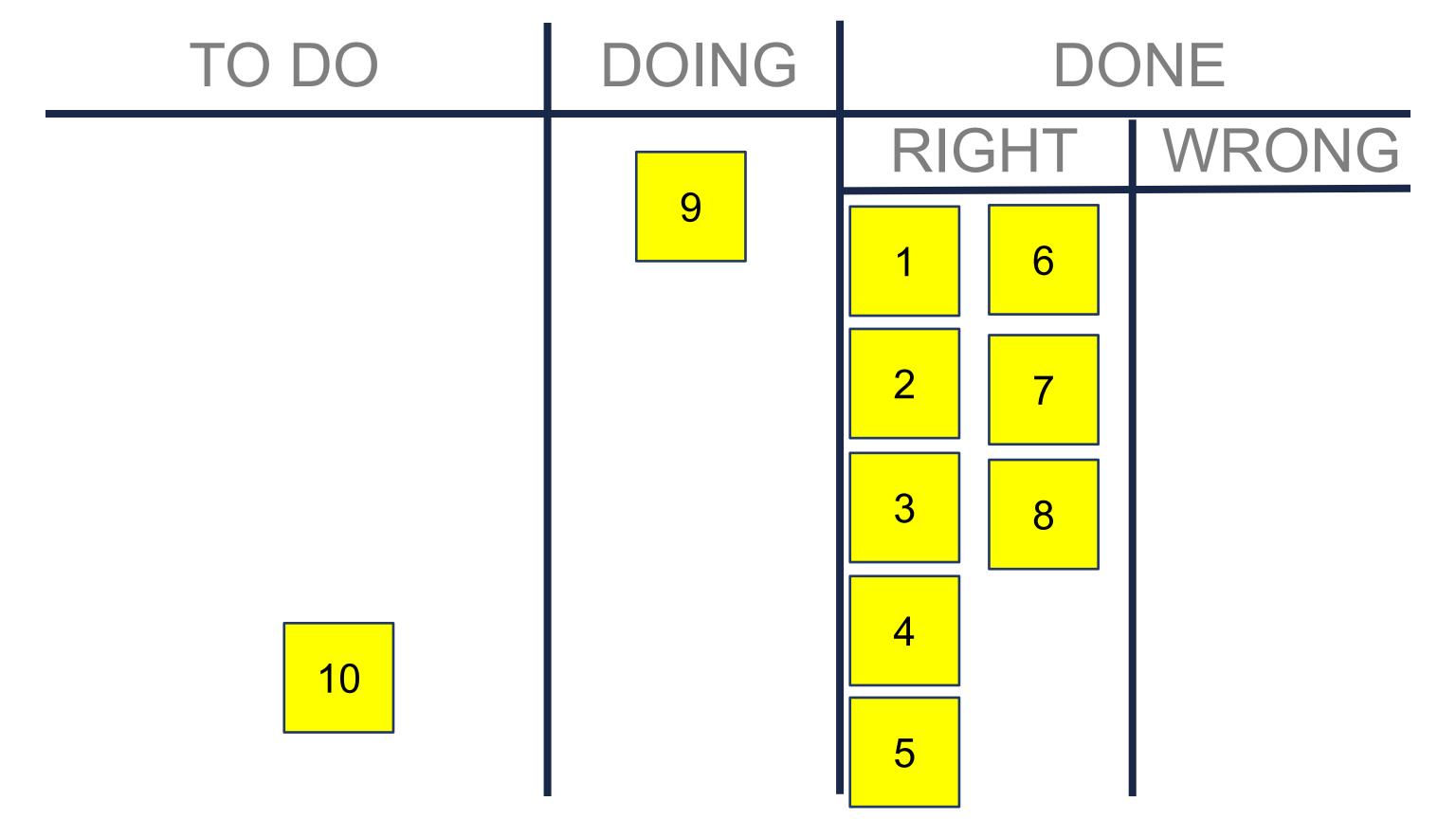
Single Workweek

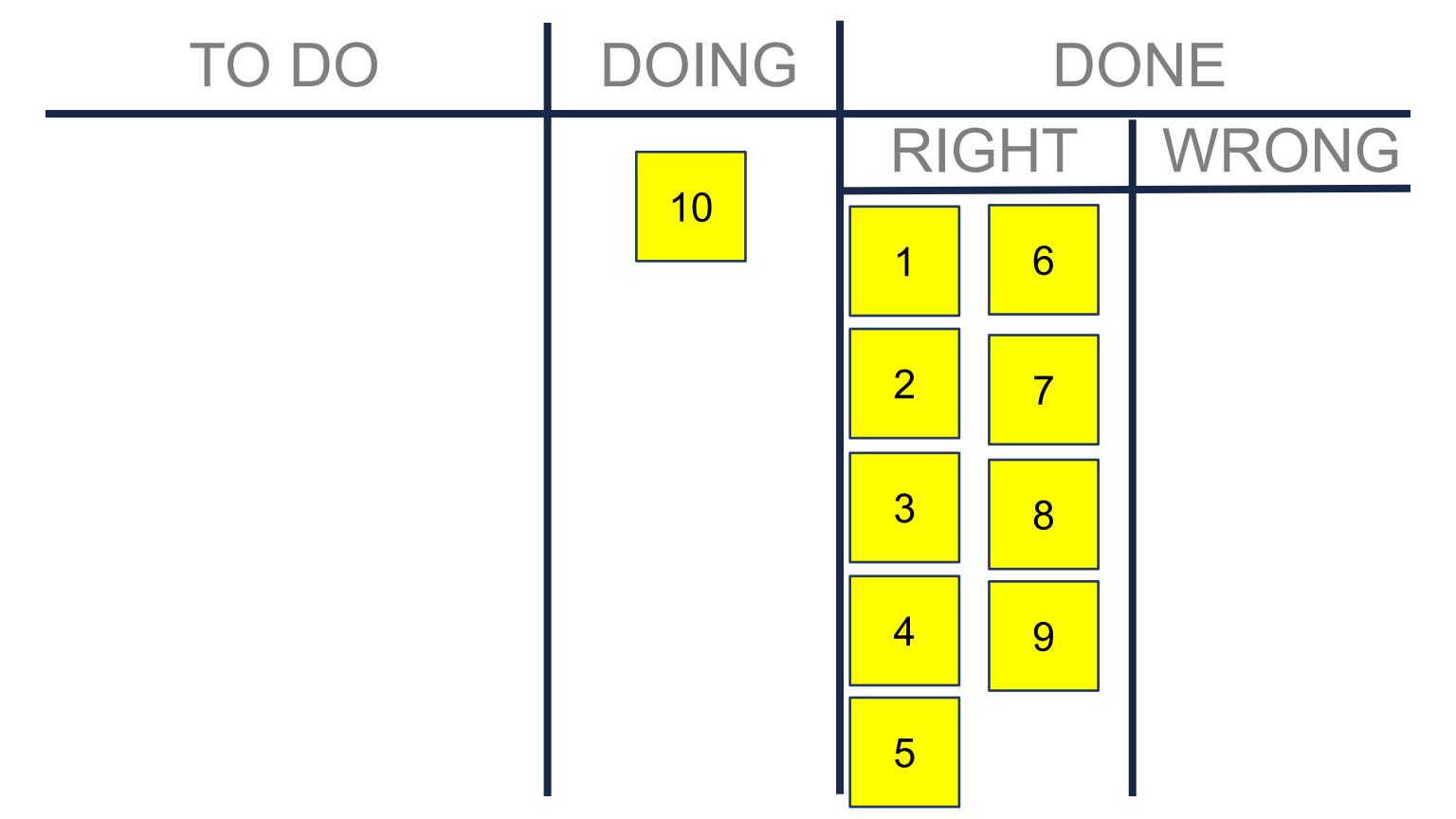






Finishing 100% of my tasks every week is the goal of Scrum.





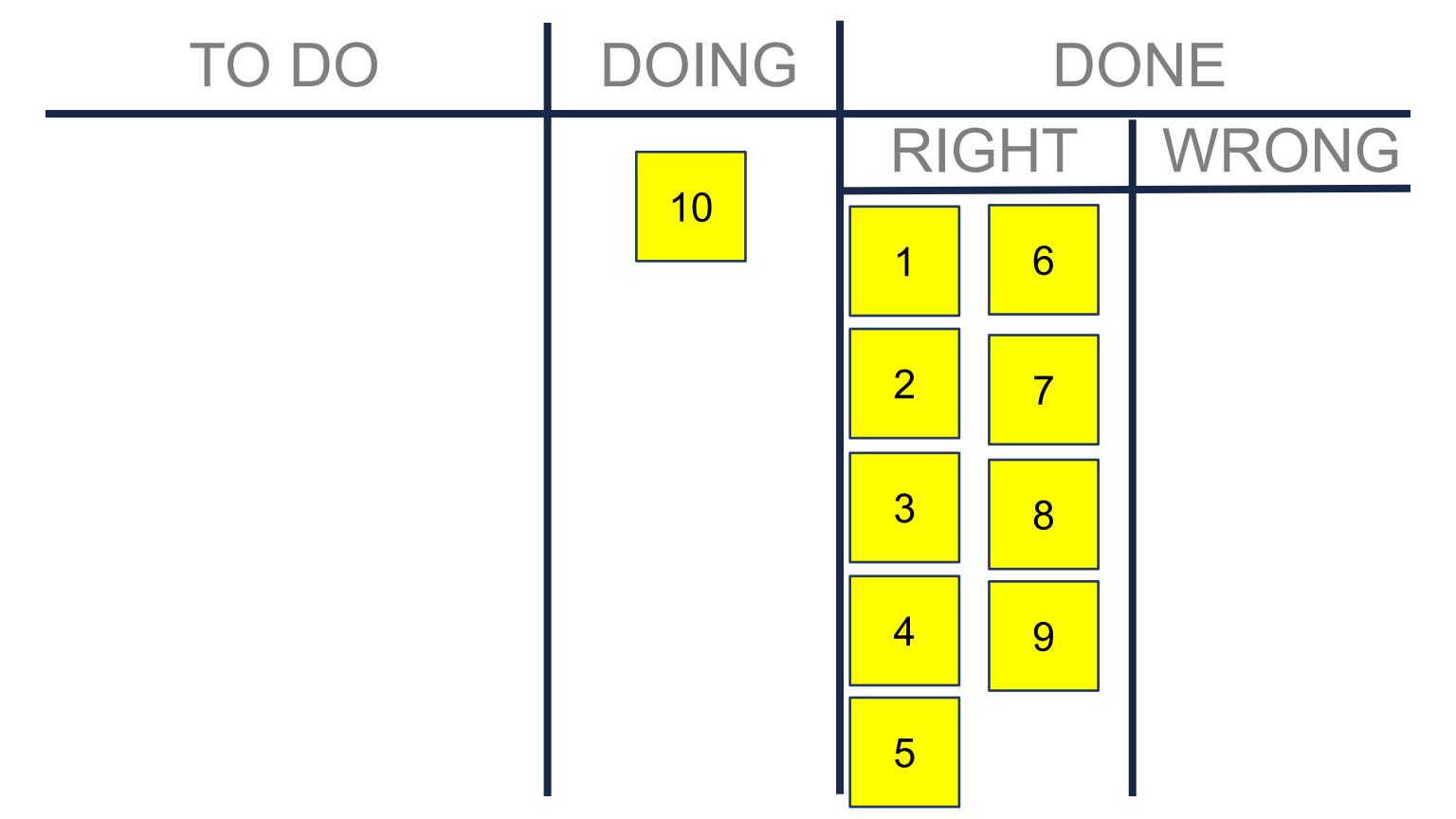
The Team Defines It

When the Task is Completed w/out Follow-Up

What does "Done" mean?

When I Tried My
Best on the
Task

The Scrum Master Defines It



TO DO	DOING	DONE		
		RIGHT		WRONG
		1	6	
		2	7	
		3	8	
		4	9	
		5	10	

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Prioritization and Value



What are the different types of waste in LEAN? https://youtu.be/NJN-lsk_DLU

What is waste?

Which Waste Impacted You Last Week?



DOWNTIME EXERCISE USING THE 8 WASTES

DOWNTIME

Defect

Effort involved in inspecting for and fixing defects such as data entry errors

DOWNTIME

Overproduction

Unnecessary efforts producing work in excess or ahead of customer requirements like processing items before they're required for the next process

DOWNTIME

Waiting

Waste through delays or stoppages such as waiting for instructions, waiting for the next production step, or simply running slow computers

DOWNTIME

Non-Utilizari Talent

Aspects such as ignoring improvement ideas from people on the floor or restricting employees' responsibilities to make routine decisions

DOWNTIME

Travel/Transportation

Unnecessary movement of work, for example sequential process steps are not co-located or files are being transported from one location to the other

DOWNTIME

Inventory

Hurring information and material longer than required such as piles of unprocessed work, unread emails or overstocked marketing materials

DOWNTIME

Motion

Non-value-added movements of people such as unnecessary meetings or walking to the copier and printer

DOWNTIME

Excess Processing

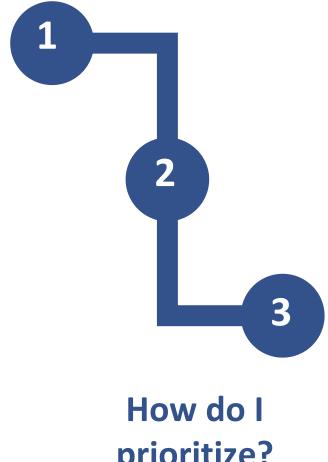
Unnecessary activity due to complex processes and systems such as too many approvals or an application form where the same data is needed in different places



Prioritization and Value



What is value?



Prioritization and Value



Prioitization of Tasks (1 being first)







Prioritization and Value



Best Preparation Prioritization Steps

- 1. Preheat oven to 350°F/180°C
- 2. Whisk dry ingredients
- 3. Whisk in the wet ingredients
- 4. Sift in the flour and baking soda
- 5. Fold the mixture with a spatula adding in chocolate chunks
- 6. Chill the dough for at least 30 minutes
- 7. Scoop the dough onto the parchment paper-lined baking sheet
- 8. Bake for 12 minutes or until the edges have started to brown
- 9. Cool completely
- 10. Enjoy!

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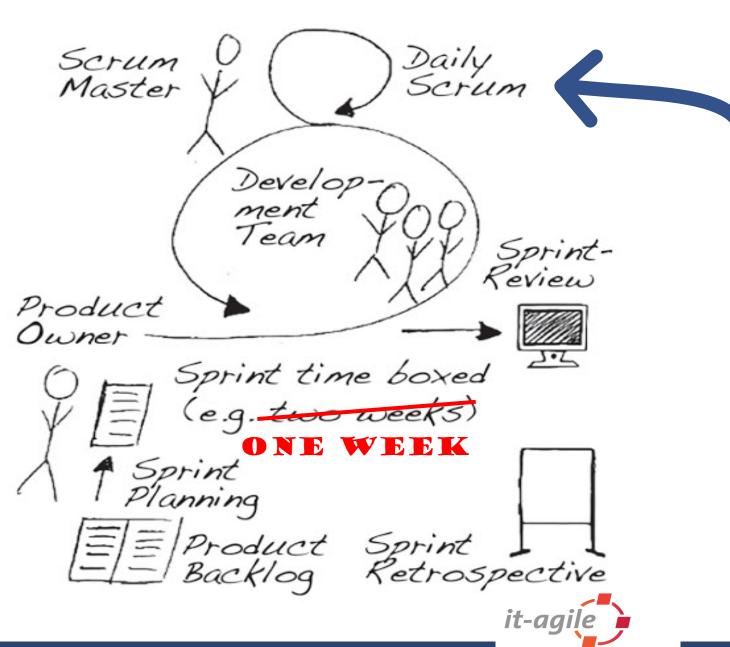
www.linkedin.com/in/leanpmp





Using the Scrum Guide, read the Daily Scrum Section and list out the five key elements of this inspection and adaptation meeting.

- 1.
- 2.
- 3.
- 4.
- **5.**



Using the Scrum Guide, read the Daily Scrum Section and list out the five key elements of this inspection and adaptation meeting.

- 1. Improve communication
- 2. Eliminate other meetings
- 3. Identify impediments
- 4. Promote decisions
- 5. Improve team's knowledge



Table Discussion:
Which one will benefit
my team the most and
why?

Using the Scrum Guide, read the Daily Scrum Section and list out the five key elements of this inspection and adaptation meeting.

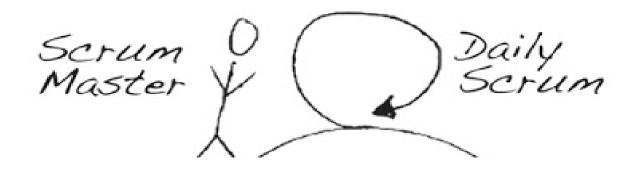
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- 3. Identify impediments
- 4. Promote decisions
- 5. Improve team's knowledge

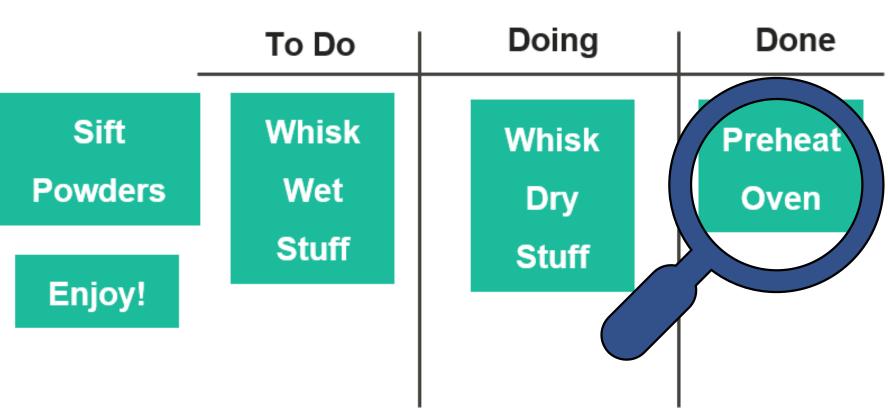


Better Scrum Practice

"Walk the Board"

1. What did you do first to finish the Sprint?







Better Scrum Practice

"Walk the Board"

- 1. What did you do first to finish the Sprint?
- 2. What will you do next to finish the Sprint?







Better Scrum Practice

Scrum Daily Master Scrum

"Walk the Board"

1. What did you do yesterday to finish the Sprint?

2. What will you do next to finish the Sprint?

3. Are there obstacles blocking the Sprint Goal?

Sift
Powders
Wet
Stuff
Enjoy!

Whisk Dry Stuff

Doing

Preheat Oven

Done



What may prevent your team from using Daily Scrum or Huddle meetings?

Room Discussion:

"Walk the Board"

- 1. What did you do yesterday to finish the Sprint?
- 2. What will you do next to finish the Sprint?
- 3. Are there obstacles blocking the Sprint Goal?

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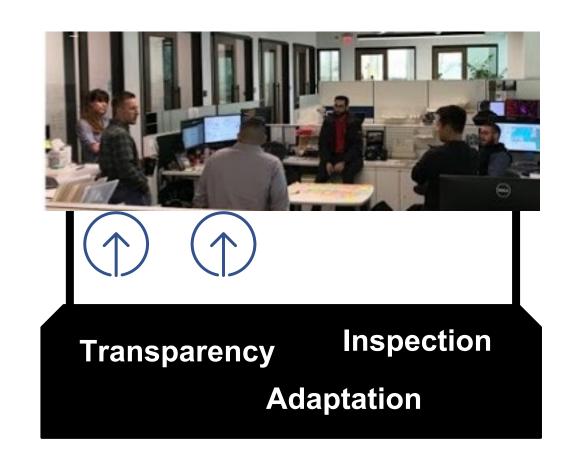






Applications / Examples

Using the Scrum
Guide, define how
each Scrum pillar can
improve your work or
team's effectiveness.



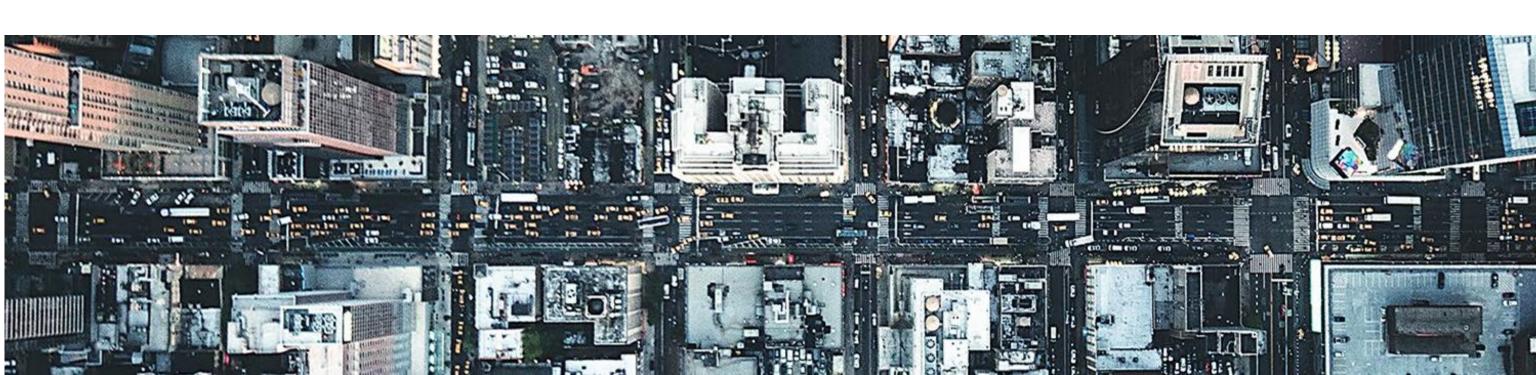
Scrum Worldwide...

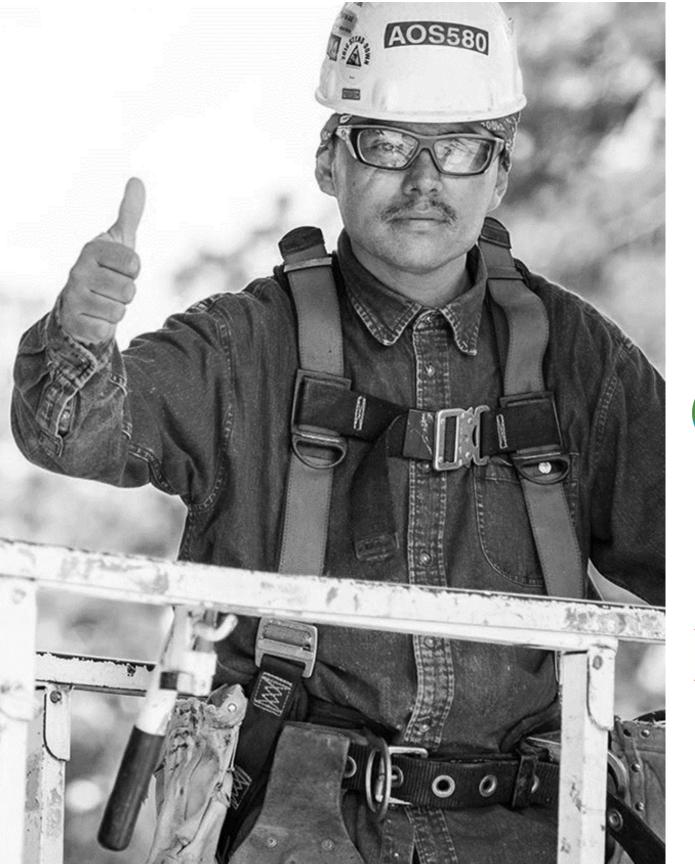
- Amazon
- BBC
- BMC Software
- BMW
- Capital One
- First American Real

- Estate
- Google
- Intuit
- Ipswitch
- John Deere
- Lexis Nexis

- Lockheed Martin
- Microsoft
- Nielsen Media
- Nokia
- Oce
- Philips

- Salesforce.com
- Siemens
- Time Warner
- Toyota
- Turner Broadcasting
- Yahoo





Construction Scrum...

BOULDER
ASSOCIATES
ARCHITECTS















WALTER P MOORE





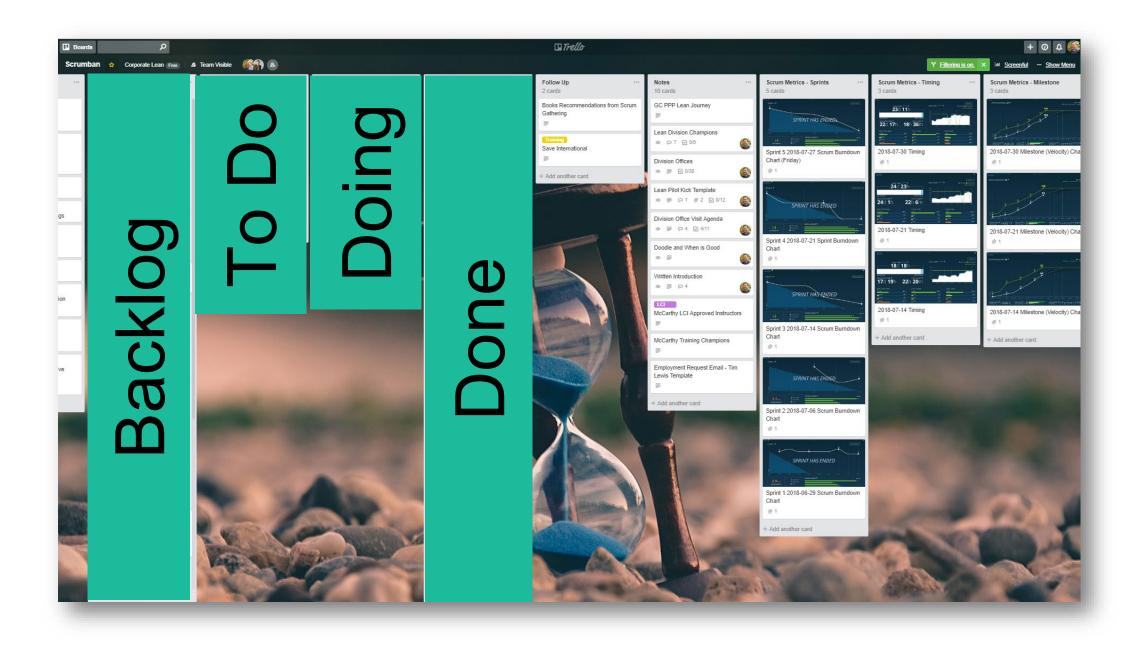






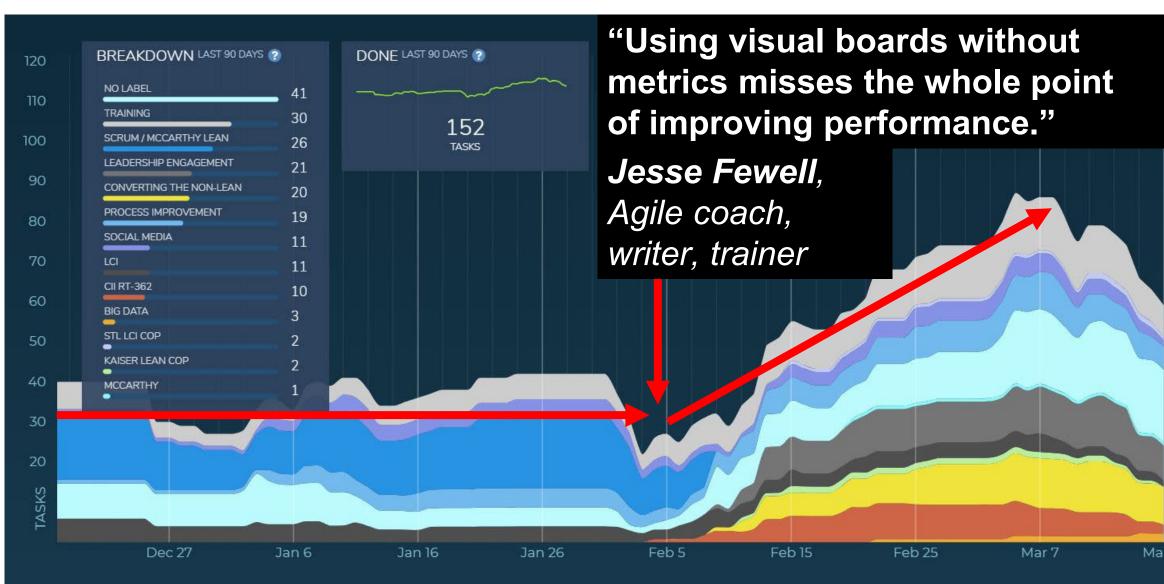




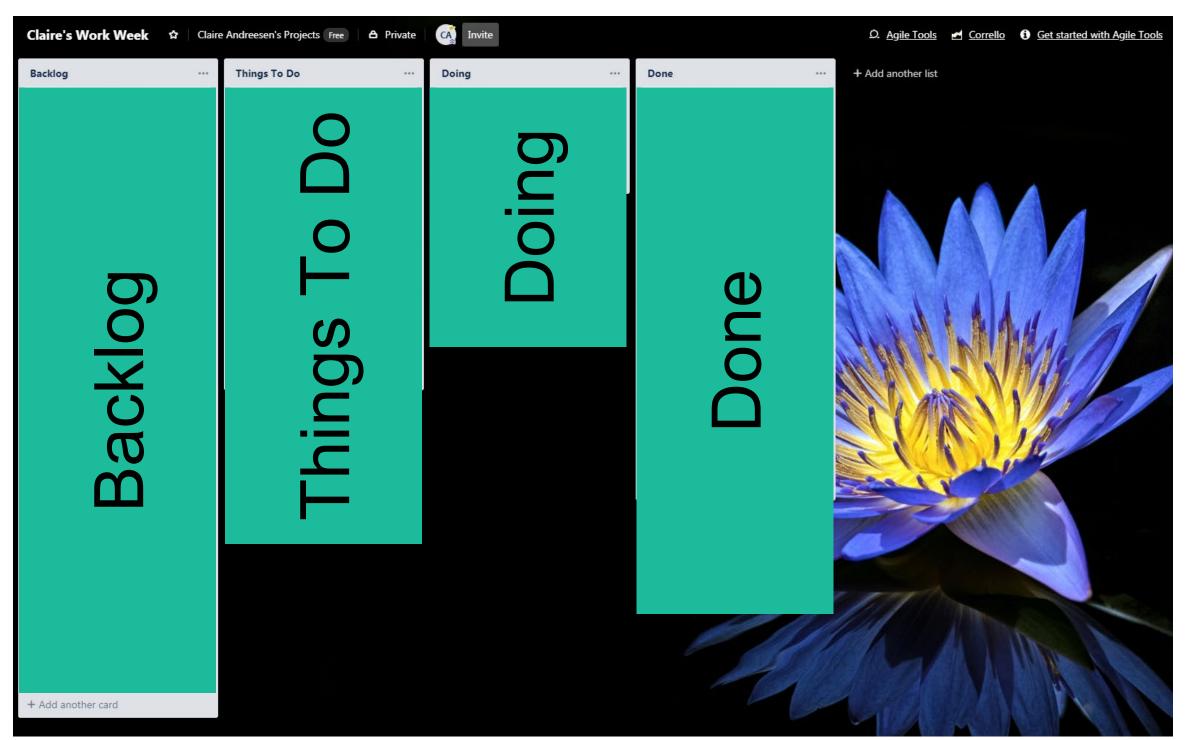


Scrum + Visual Velocity = +3X Improvement < 30 days

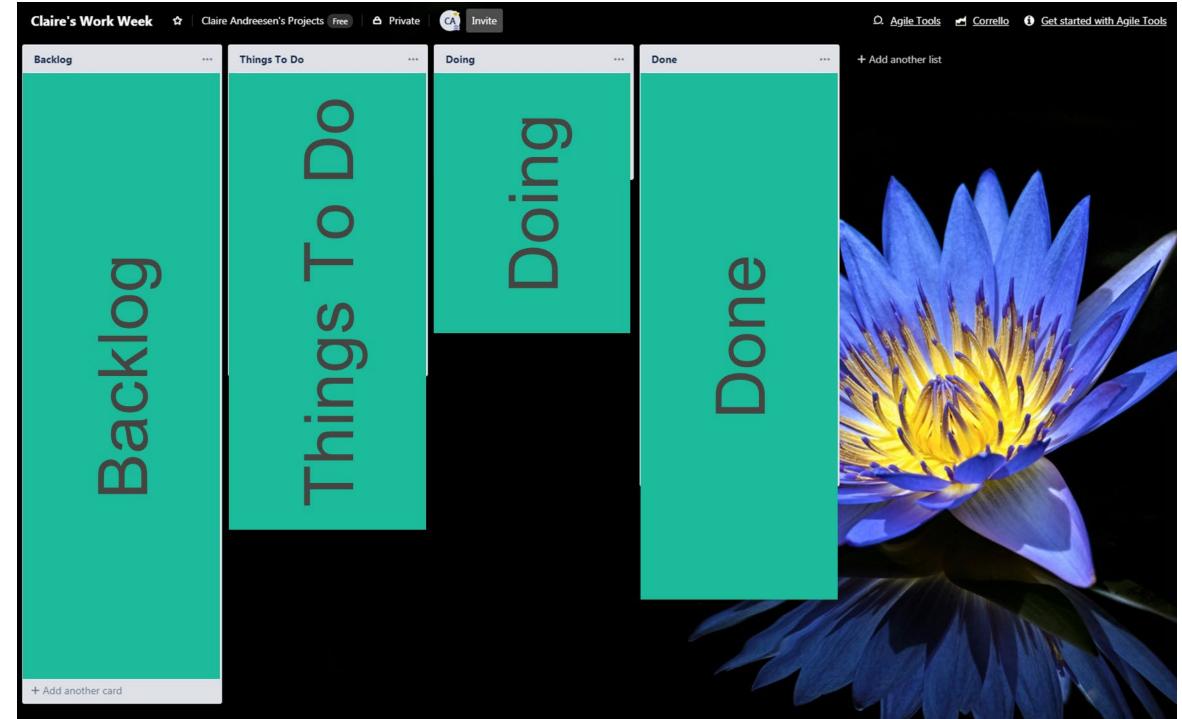


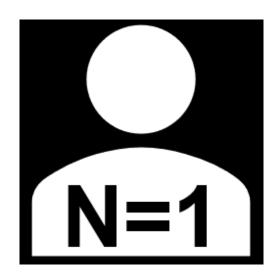




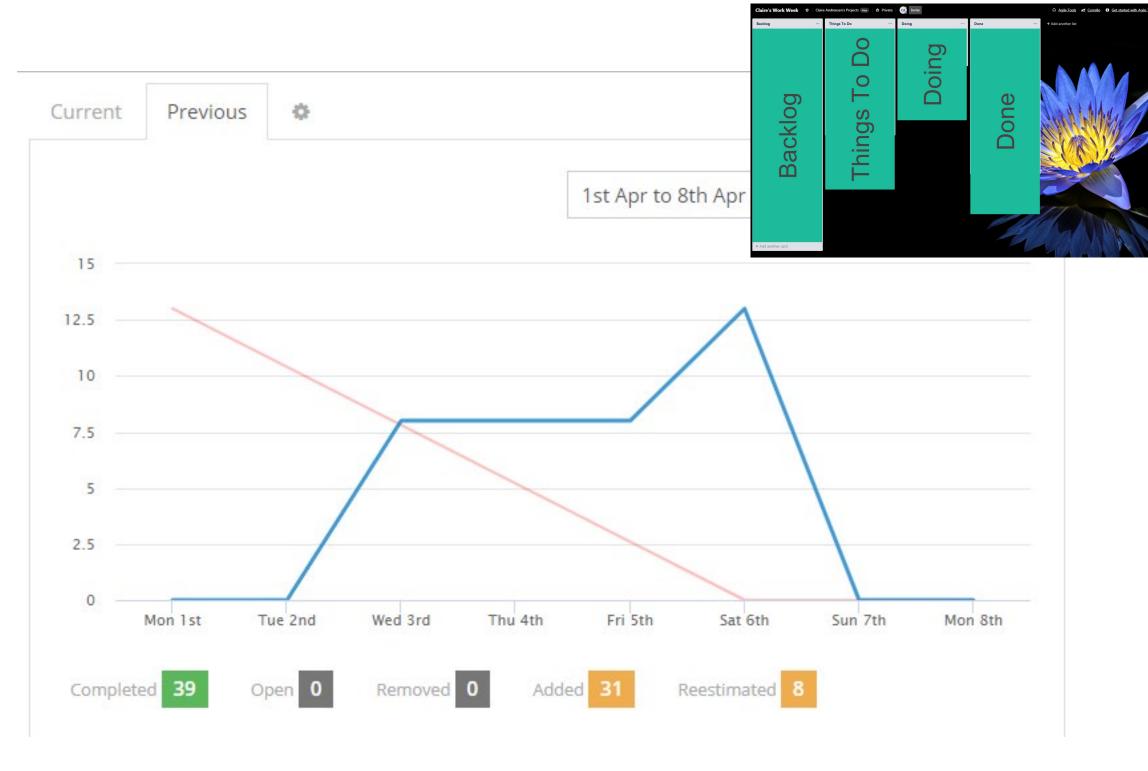


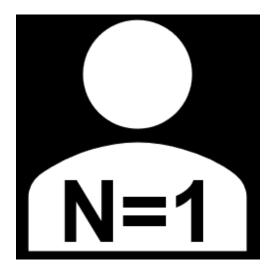


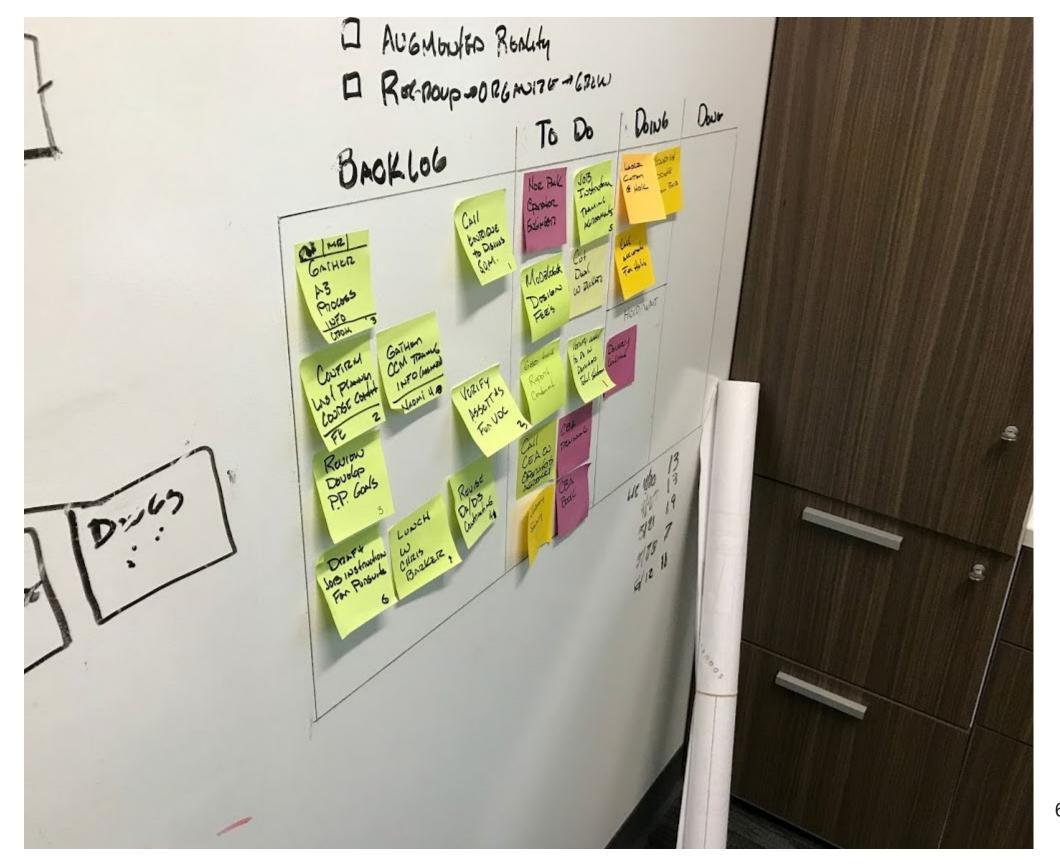


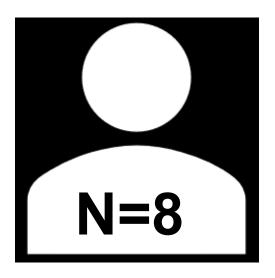




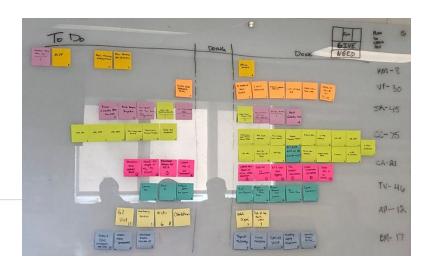


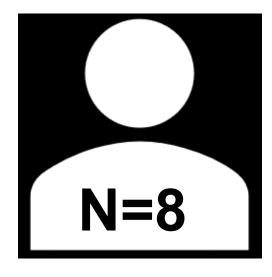






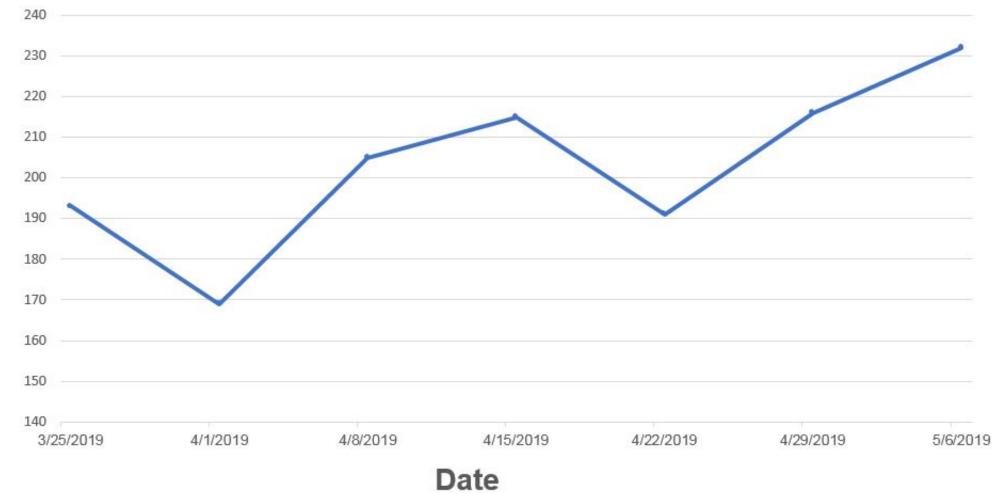


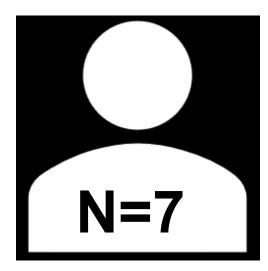


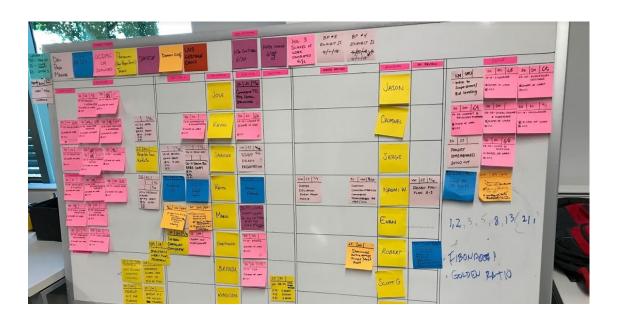


Points Completed

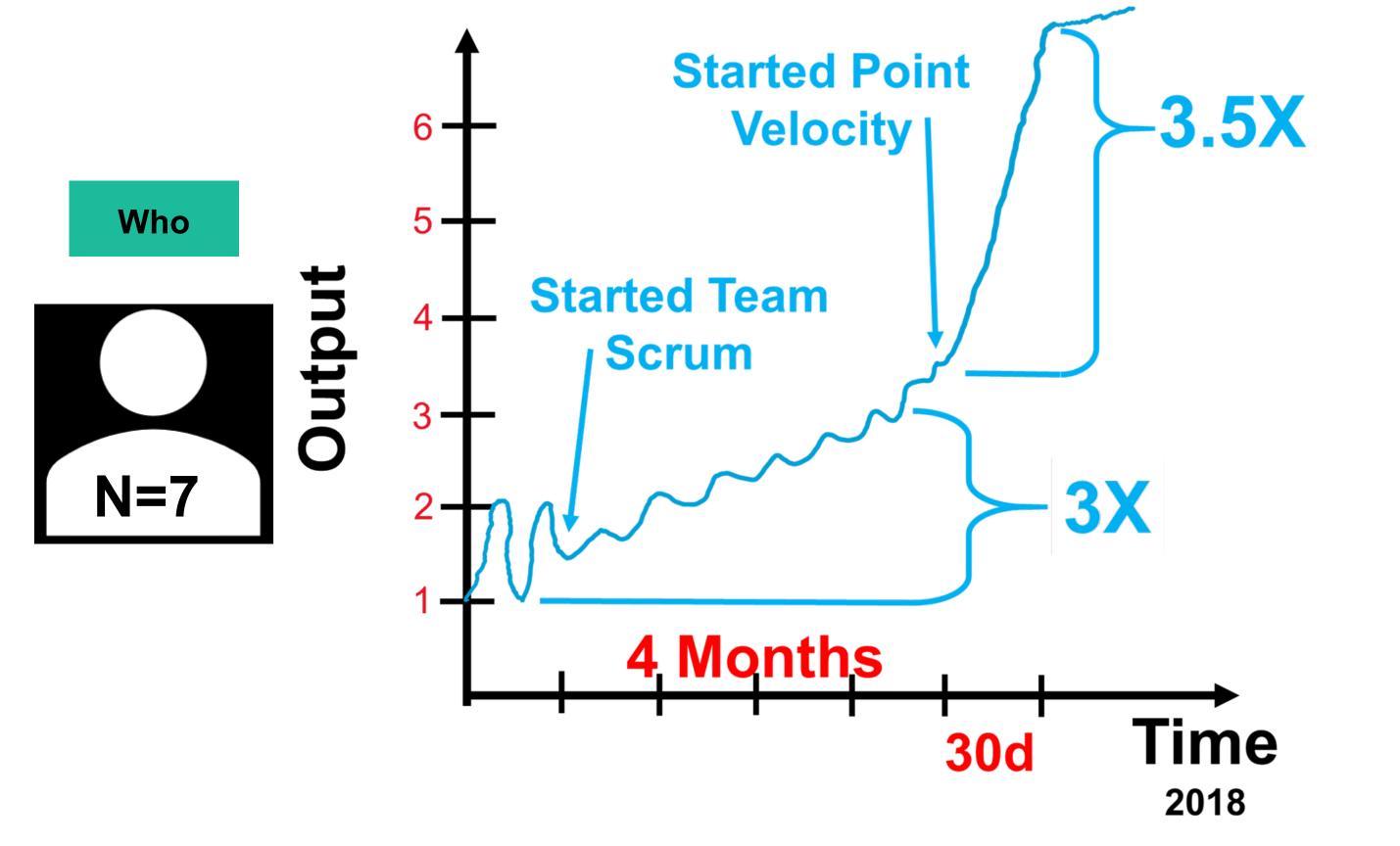
Team Average Velocity

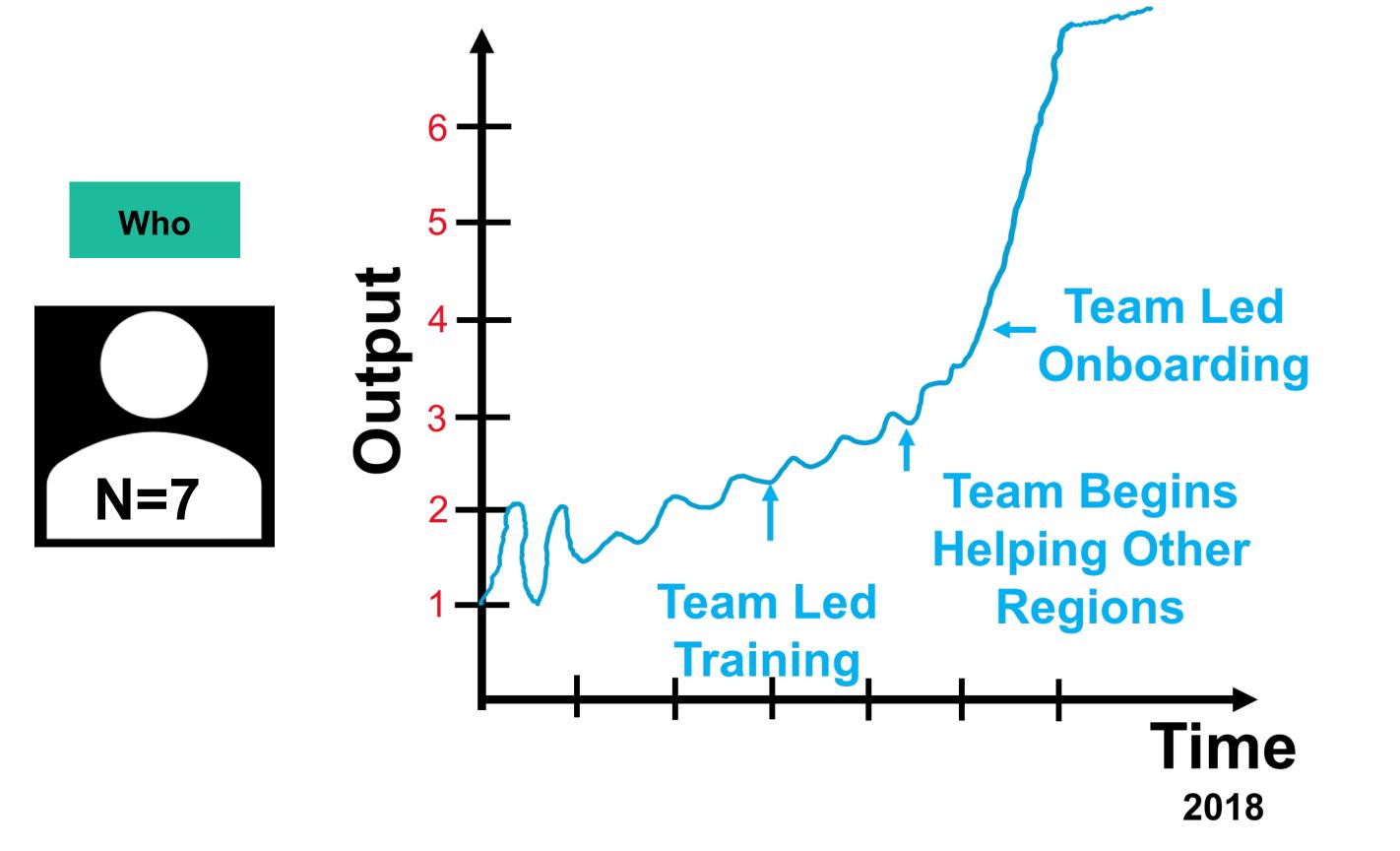


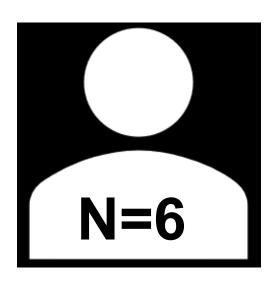




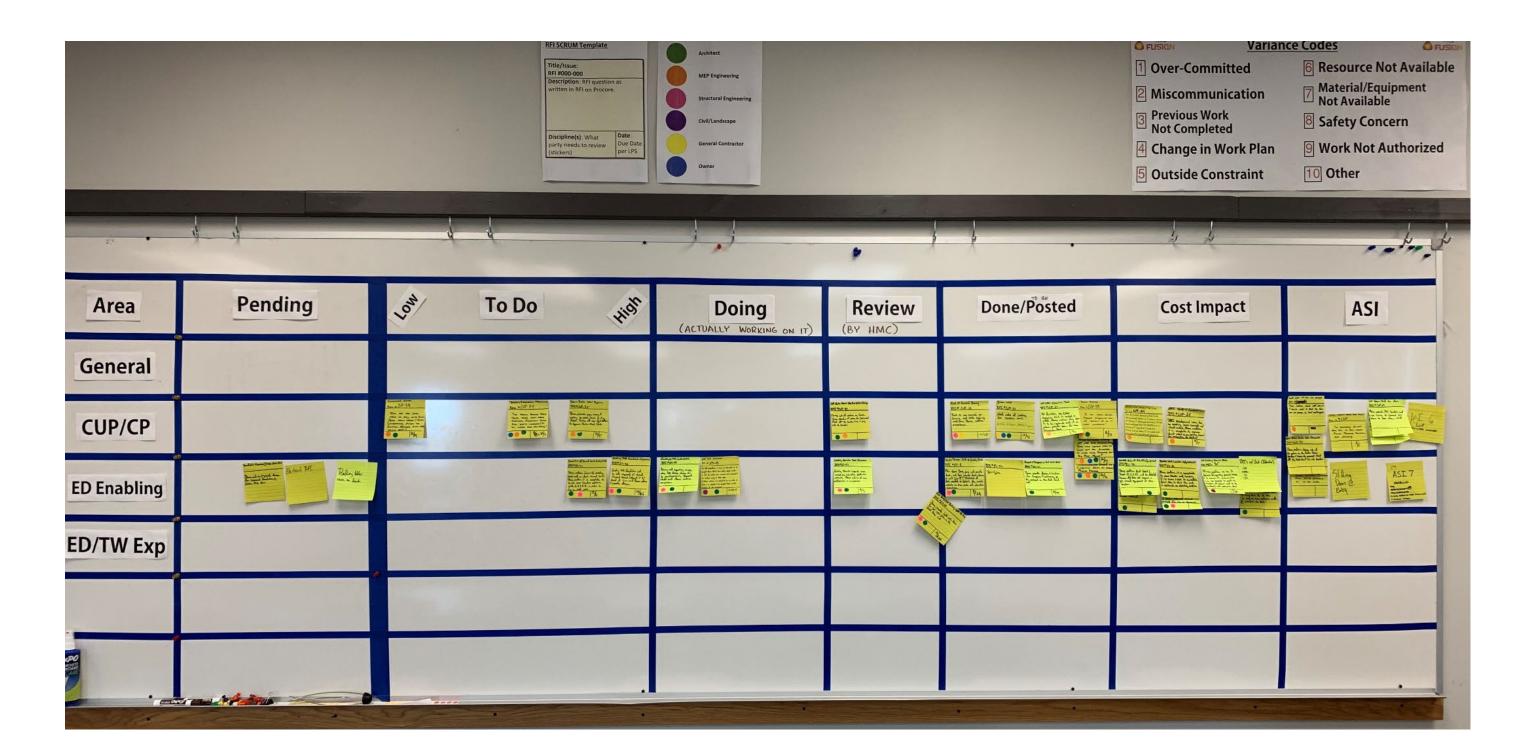


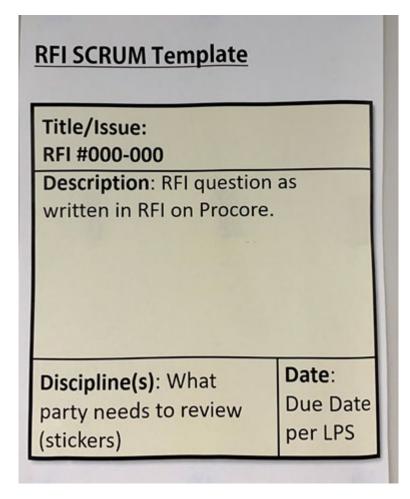




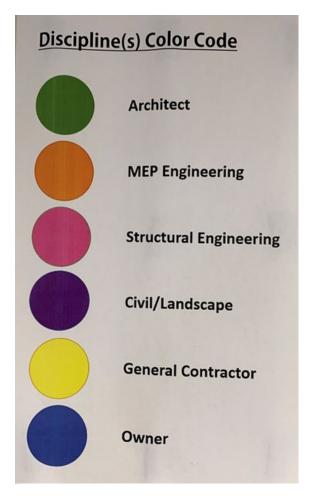


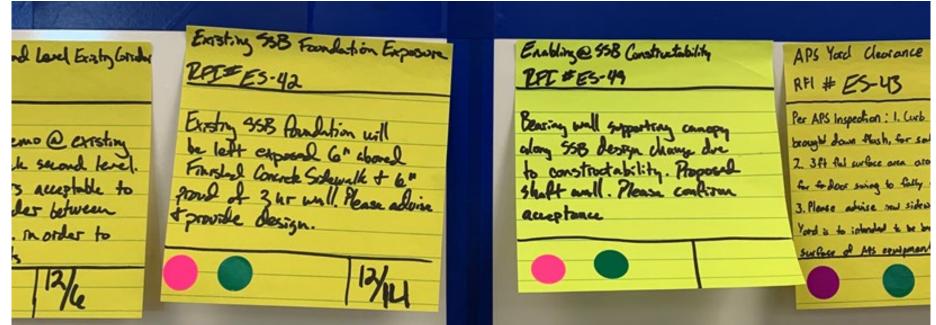










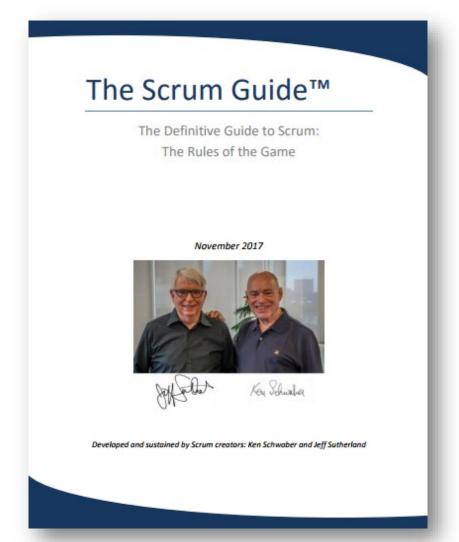


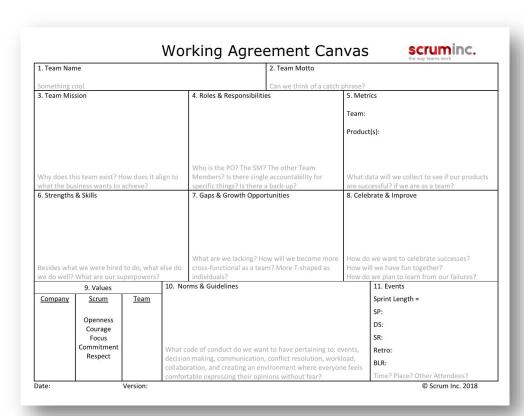
Go to www.menti.com and use the code 1797 9276

Describe the Scrum Method in ONE Word

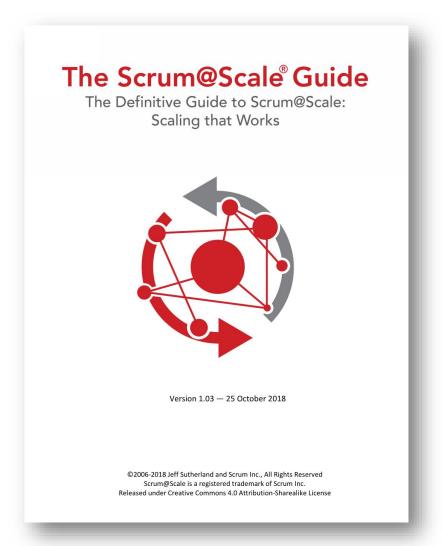
Mentimeter













https://trello.com/b/5l8rby88/most-basic-trello-scrum-board





In the spirit of continuous improvement, we would like to remind you to complete this session's survey! We look forward to receiving your feedback.



Contact Us

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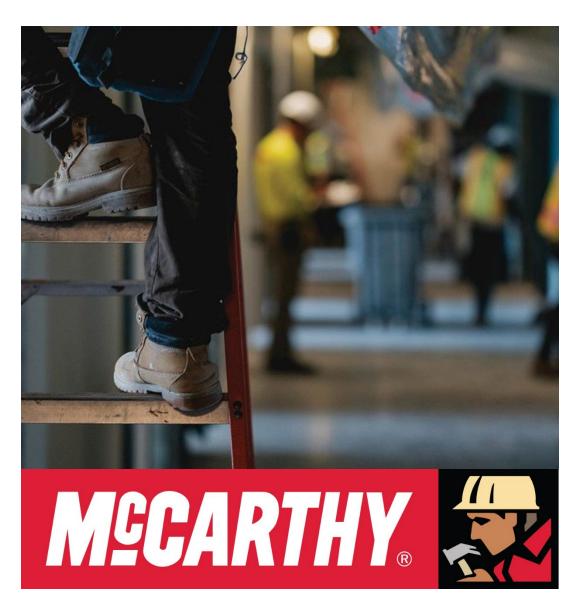
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Thank you for attending this presentation. Enjoy the rest of the 23rd Annual LCI Congress!

