



Scrumban simulation – in steps

1 Preparation

- Form the team
 - Assign product owner
 - assign team roles
- Determine WiP limits

Prepare	Execute	Validate
WiP =	WiP =	WiP =

2 Prioritization

- Product owner decides
- Focus on the whole backlog
- How to prioritize:
 - MoSCoW: most important first
 - Business value: highest value first
 - Workload: fastest value first
 - Or combine criteria

3 Planning

- Determine your capacity
 - per activity
- Forecast which backlog items can be implemented
- Move these to the To do column

3.1 For advanced teams

Product backlog item		
Bus. value	150	MoSCoW Must
Prepare	3	○○○○○○○○○○
Execute	4	○○○○○○○○○○
Validate	2	○○○○○○○○○○
Planned		
Started		Lead time
Done		Cycle time

Fill in iteration number and day of iteration when the item is planned.
 → Used for Cycle time & Lead time calculation

4 Start working

Day	1	2	3	4	5		6	7	8	9	10
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- Day 1 is sprint planning
- Half of the day is spent planning
- Only work 1 unit within your specialty

- Pull a card from To do column

To do	Prepare
	WiP =

- Put your pawn on the card

Product backlog item		
Bus. value	150	MoSCoW Must
Prepare	3	●○○○○○○○○
Execute	4	○○○○○○○○○○
Validate	2	○○○○○○○○○○
Planned		
Started		Lead time
Done		Cycle time

- More than 1 team member can work on a task
- Working means marking a dot – 1 per unit of work

4.1 Advanced teams

Fill in iteration number and day of iteration when the item is planned.
 → Used for Cycle time & Lead time calculation

Product backlog item		
Bus. value	150	MoSCoW Must
Prepare	3	●○○○○○○○○
Execute	4	○○○○○○○○○○
Validate	2	○○○○○○○○○○
Planned		
Started		Lead time
Done		Cycle time

4.2 When an activity is done

- Remove your pawn
- Don't push card to next stage!

- Don't validate yourself what you implemented: four eyes principle

5 Play in rounds



Each team member throws regular die after working: evolving insight



5.1 Why evolving insight

- A task can take longer than expected
- You need help from a colleague
- Blocked waiting for someone else (outside the team)
- Something got clarified (unblocked)
- Something unforeseen can happen

6 End of the day

At the end of the day: throw the unplanned work die



6.1 Accepting unplanned work

Move the card to Accepted

Reported	Accepted

FAIS

6.2 Value creation/loss

- Finished backlog item's business value x MoSCoW multiplier
- Unfinished unplanned work: penalty based on priority for each day it is not done

6.3 Advanced teams

Draw cumulative flow diagram

7 Item done

Calculate cycle time & lead time

Product backlog item			
Bus. value	150	MoSCoW	Must
Prepare	3	●●●○○○○○○	
Execute	4	●●●●○○○○○○	
Validate	2	●●○○○○○○○○	
Planned			
Started		Lead time	○
Done		Cycle time	○

8 Last day of the iteration

Day	Plan	1	2	3	4	5	6	7	8	9	10
											Review

- Day 10 is review & retro meeting
- You need to prepare the review properly
- Only spend half a day of work
- Only on unplanned work

9 End of iteration – retrospective

- Planned versus done
- Flow: picked up tasks outside your specialty?
- Unplanned work: did you take the right decisions?
- Did you respect the WiP limits?
- What did you learn from the metrics?