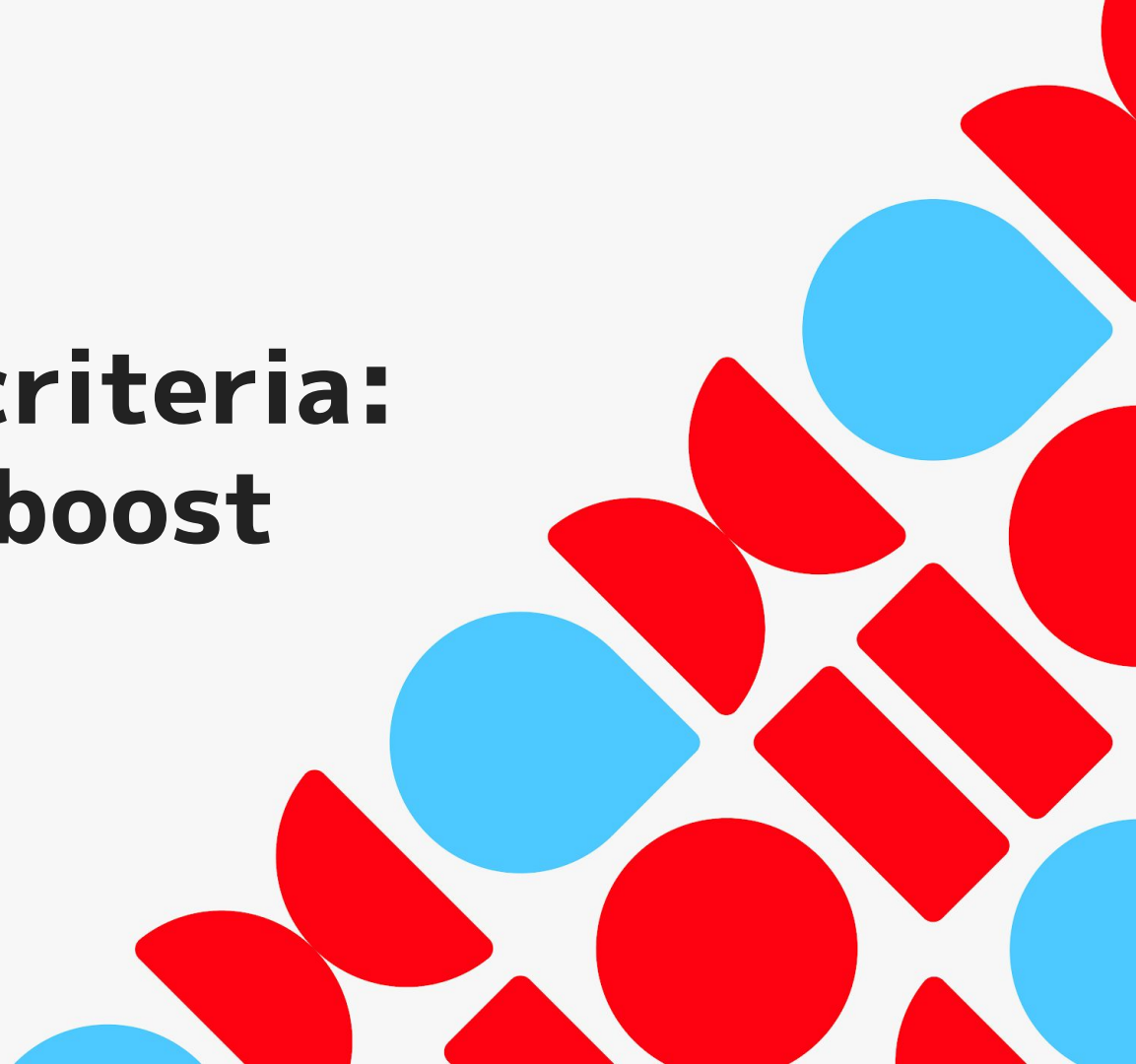


Acceptance criteria: QA's quality boost

2024.11.15 Tokyo Test Fest

@____rina____





Rina Fukuda @__rina__

QA engineering manager
at Mercari



メルカリハロではたらくをいつでも気軽に。



空き時間おしごととアプリ「メルカリハロ」





Rina Fukuda @__rina__

QA engineering manager
at Mercari



Our QA team's initiative

We document test cases in our acceptance criteria and review them together as a team.



Challenges with the previous approach

user story



acceptance
criteria

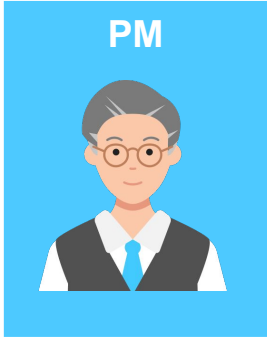


Impact - better for the whole team!

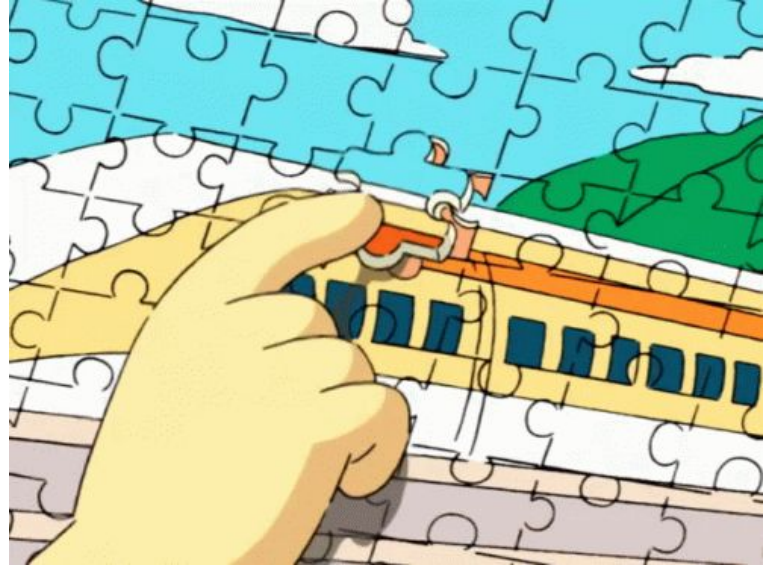
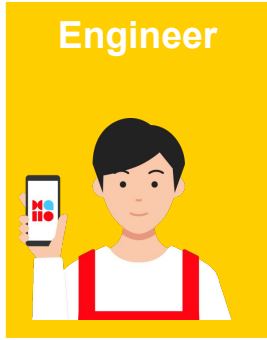


The impact of this initiative helped the whole development team.

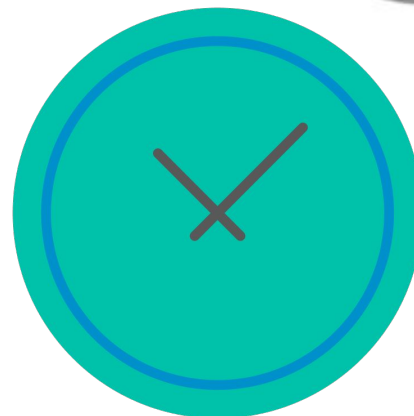
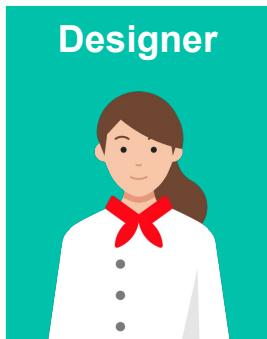
Easier for PMs!



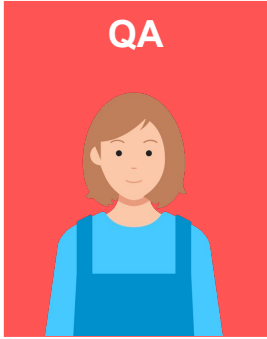
Helps Engineers!



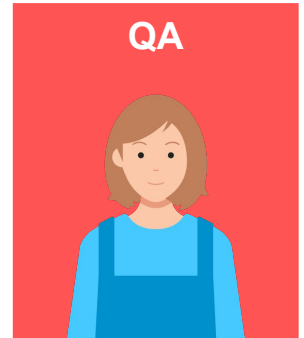
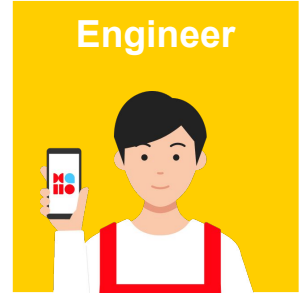
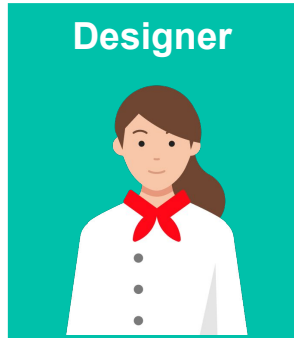
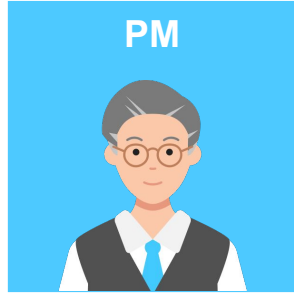
Good for Designers!



Better testing for QA!



Better communication, smoother workflow



A vibrant underwater scene featuring four divers in black wetsuits and scuba gear swimming through clear blue water. The divers are positioned in the upper half of the frame, with bubbles rising from their regulators. The background is a rich, colorful coral reef teeming with various species of fish, including yellow tangs, blue tangs, and orange clownfish. In the foreground, a large sea turtle with a patterned shell and orange and white markings on its head is swimming towards the left. The overall atmosphere is bright and lively, capturing the beauty of a healthy marine ecosystem.

Deep dive

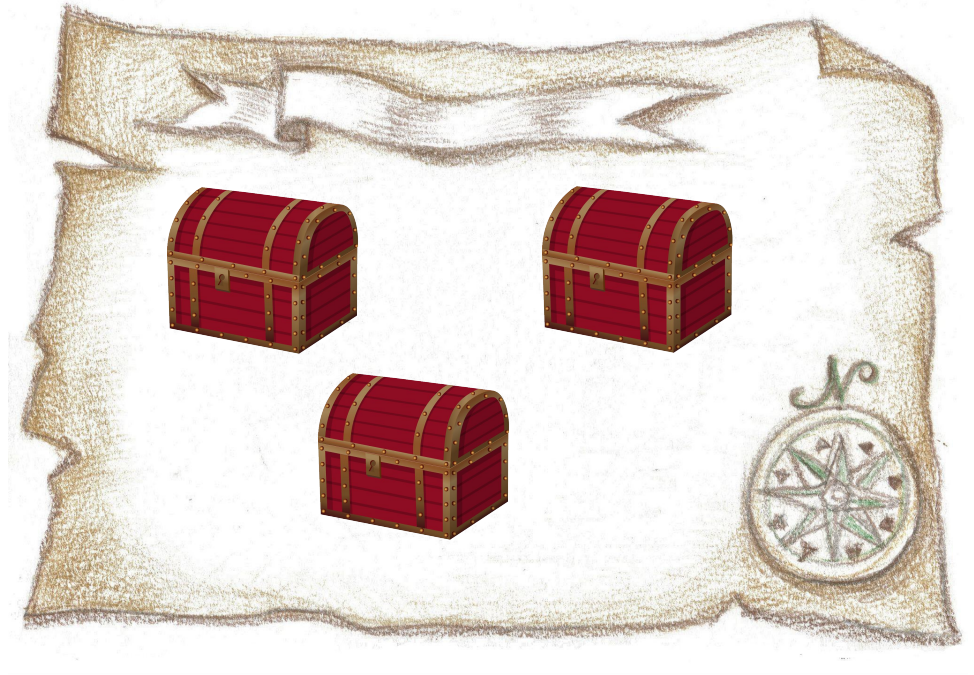
Three simple steps

**① combined
test cases &
acceptance
criteria**

**② real-time
reviews**

**③ whole
team
participation**

Unlocking the power of test cases



An overlooked treasure map: the untapped value of test cases

user stories = islands

test cases = treasure map



Signposts for everyone: acceptance criteria as guides

acceptance criteria =
island sign



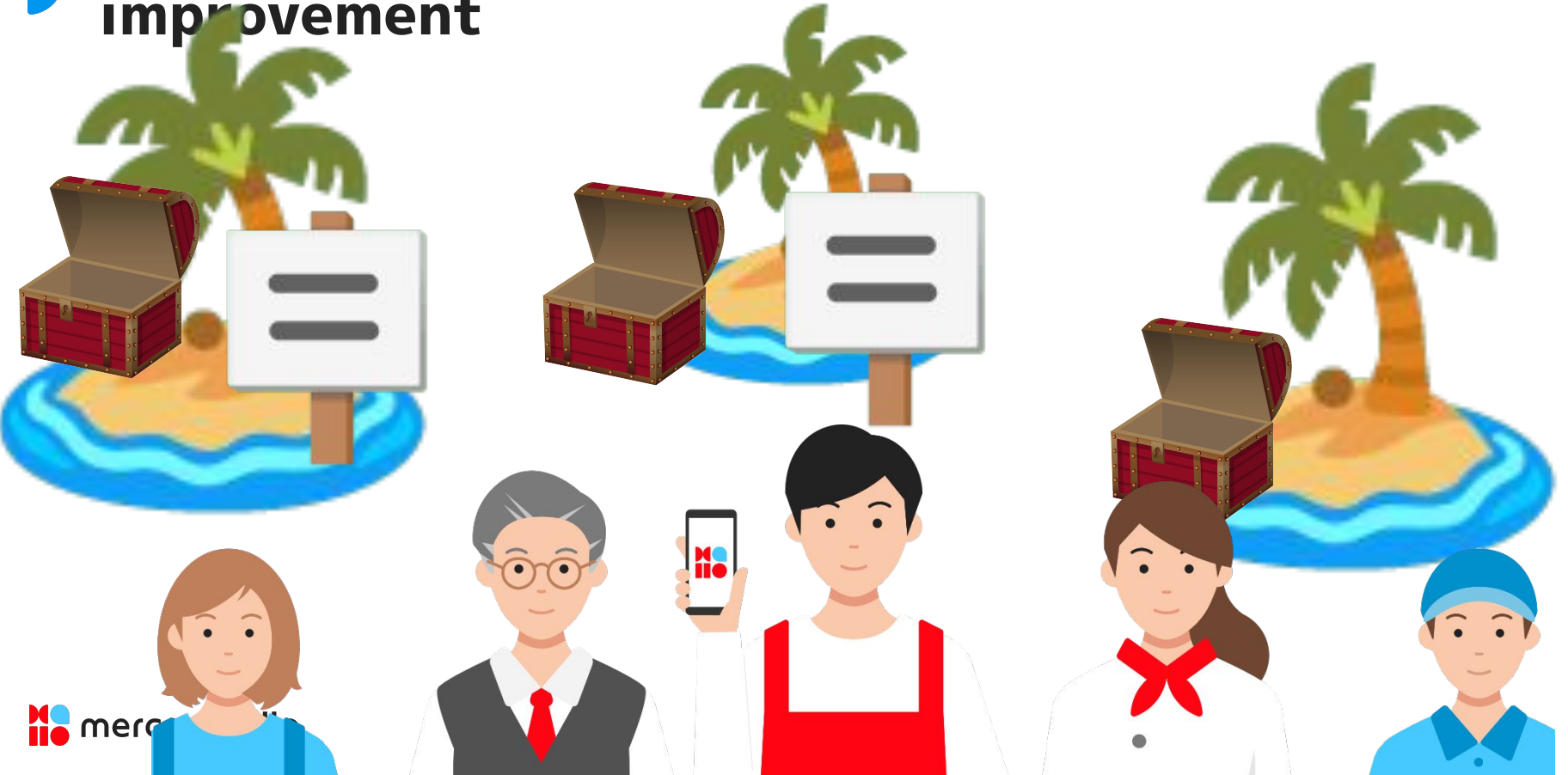
- ✓ can do
- ✓ cannot do
- ✓ testing details

Example



no	test target	condition	expected result (✓ or ⛔)	note
1	title and label display		<ul style="list-style-type: none">• title: ✓login• login label: ✓login	
2	screen visibility with feature flag	feature flag: on	<ul style="list-style-type: none">• ✓screen appears	redirects to the home screen.
3		feature flag: off	<ul style="list-style-type: none">• ✓screen disappears	
4	device compatibility		<ul style="list-style-type: none">• ✓iOS• ✓Android	

Success! collaboration and quality improvement



Reviews: the key to quality



Three simple steps to effective reviews

① read out



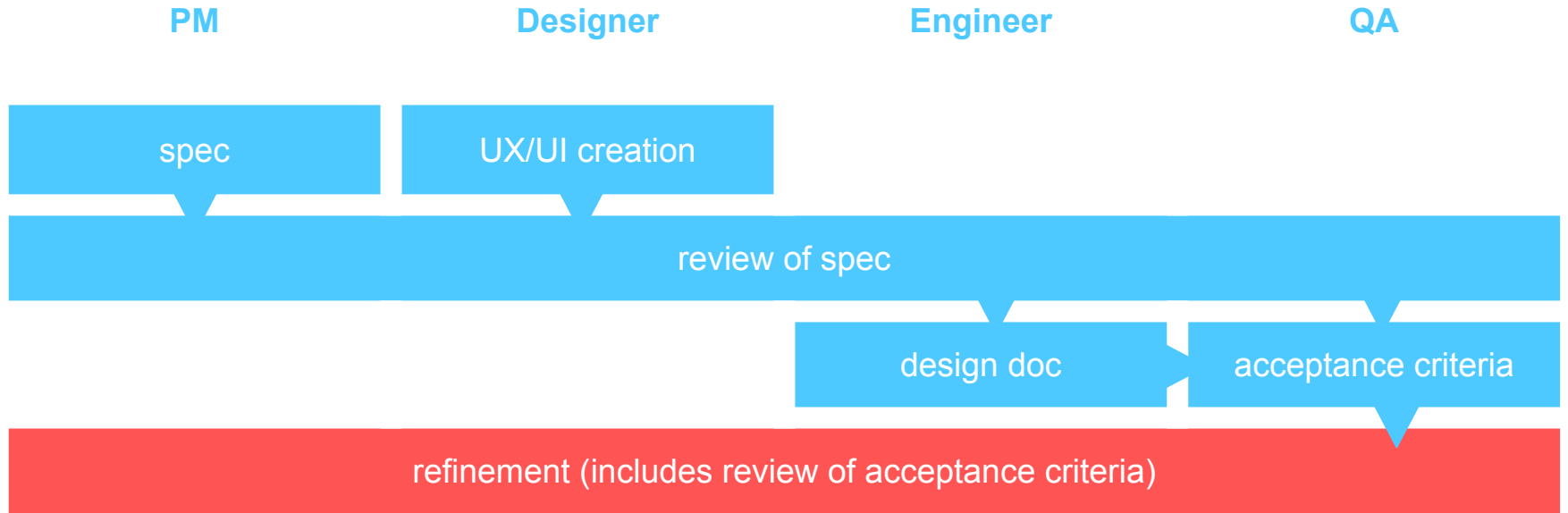
② question



③ check out

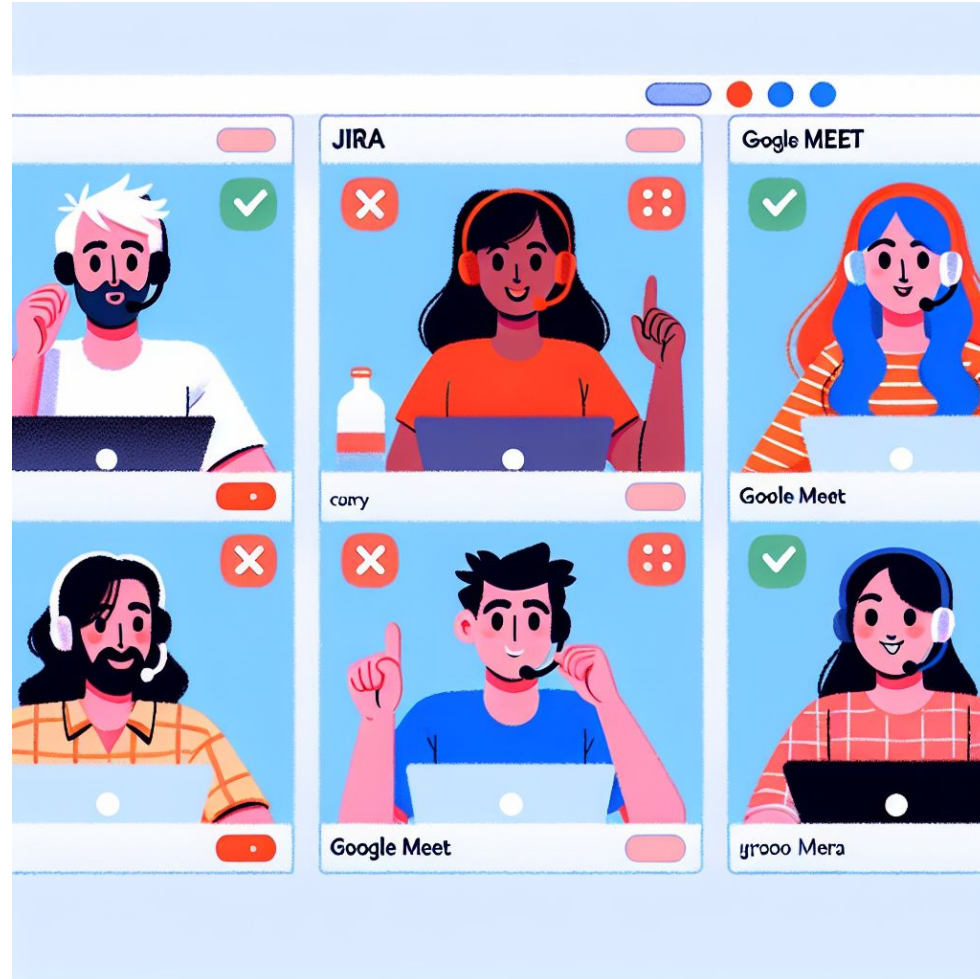


From fuzzy requirements to clear acceptance criteria



Easy for everyone?

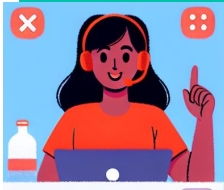
can everyone do this?



How we started

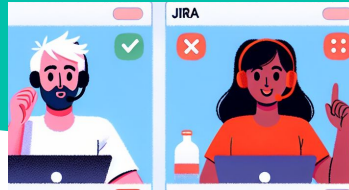
① my scrum Team

I started it in my scrum team.



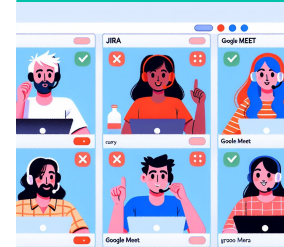
② other scrum teams

we expanded it to other scrum teams.



③ many scrum teams

now, many teams use it!

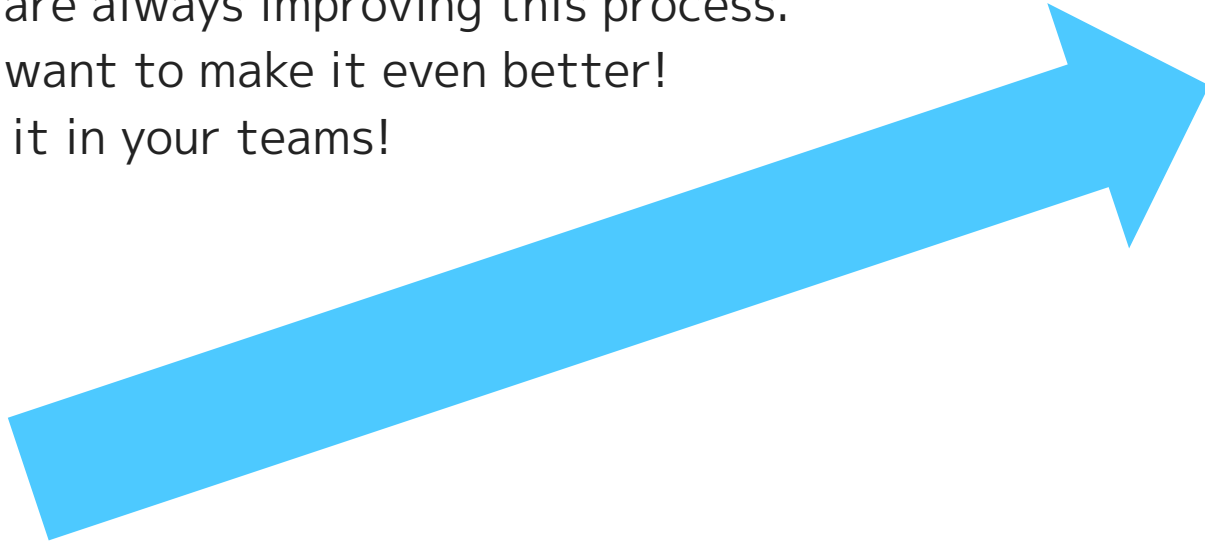


Why it works: shared understanding

- We combine acceptance criteria and test cases.
- Everyone sees the same information.
- It's easier to understand and discuss together!

What's next?

- We are always improving this process.
- We want to make it even better!
- Try it in your teams!



Key takeaways

- 1 Combine acceptance criteria and test cases
- 2 Whole team review
- 3 Improve quality together!