

Make product not war

The delivery part

Prayoch Rujira
Clockup Studio

Bug คืออะไร?



ไร้ประโยชน์?
;;

Bug in communication



At bakery

Customer: Hello, I'd like to order a cake.

Employee: Sure, what would you like written on it?

Customer: Could you write "So long, Alicia" in purple?

Employee: Sure.

Customer: And put stars around it?

Employee: No problem. I've written this up, and will hand it to my cake decorator right away. We'll have it for you in the morning.

STARS

Selong STARS

STARS

STARS

Alicia

CINNAMON PURPLE

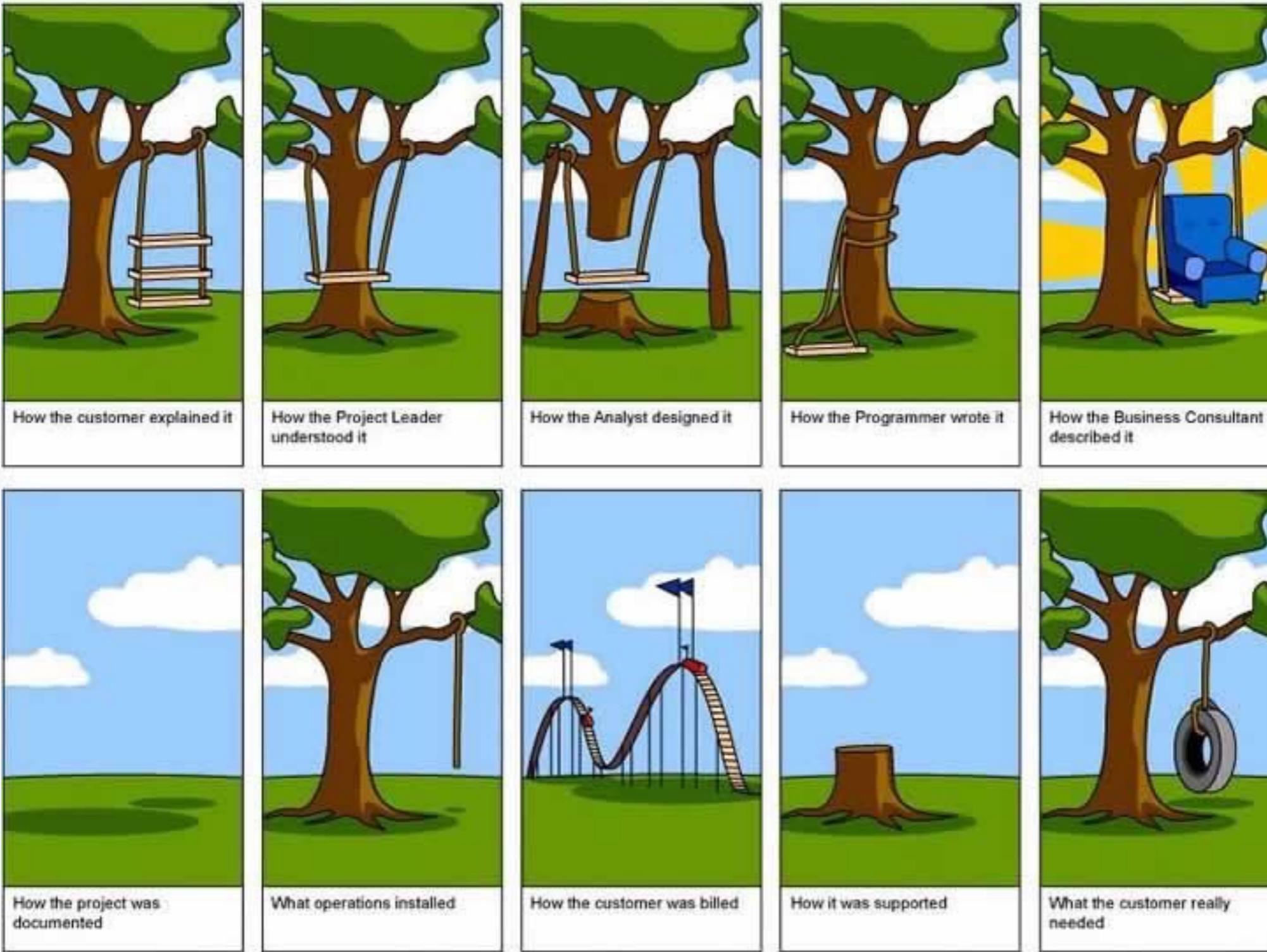
STARS

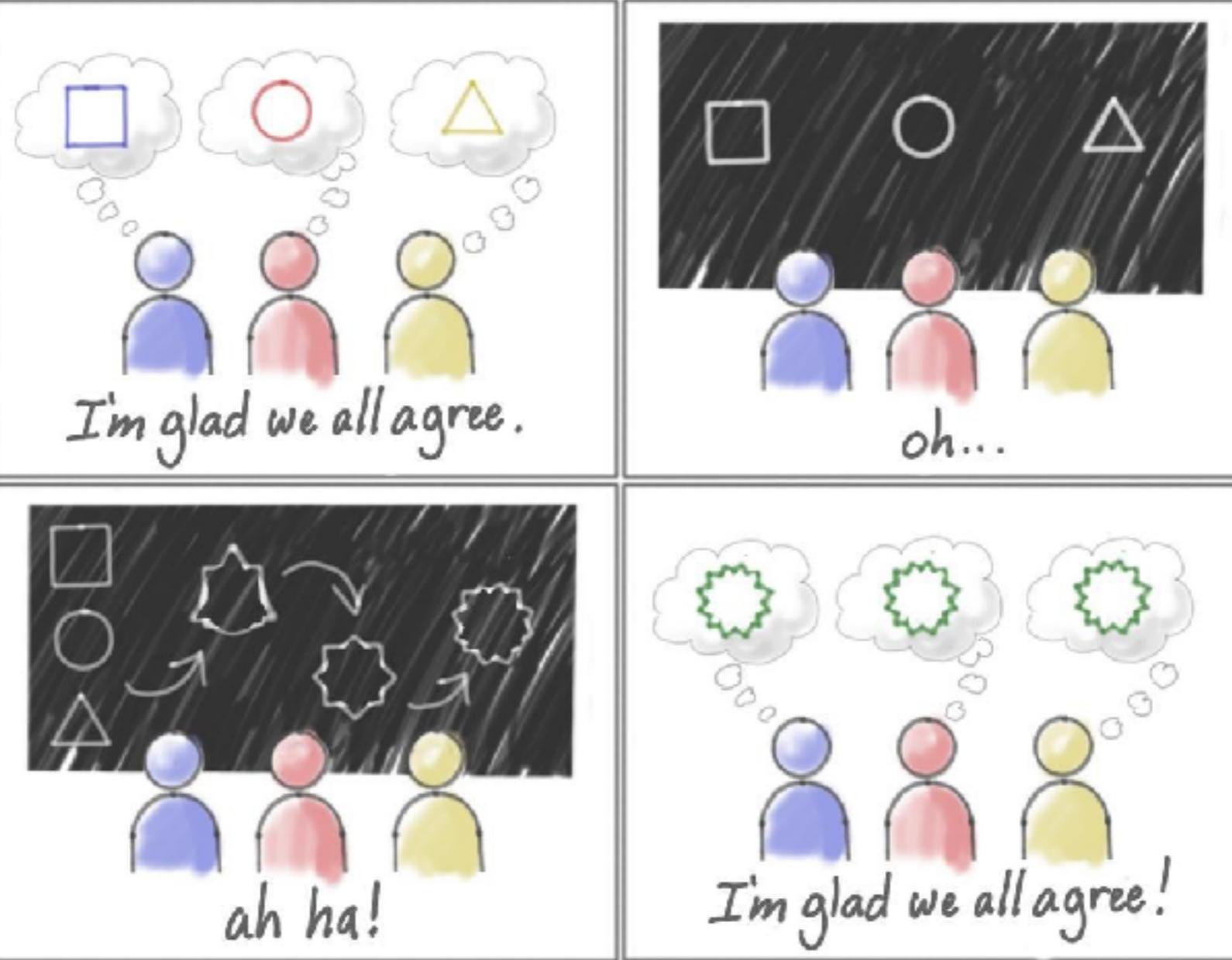
STARS

Another example

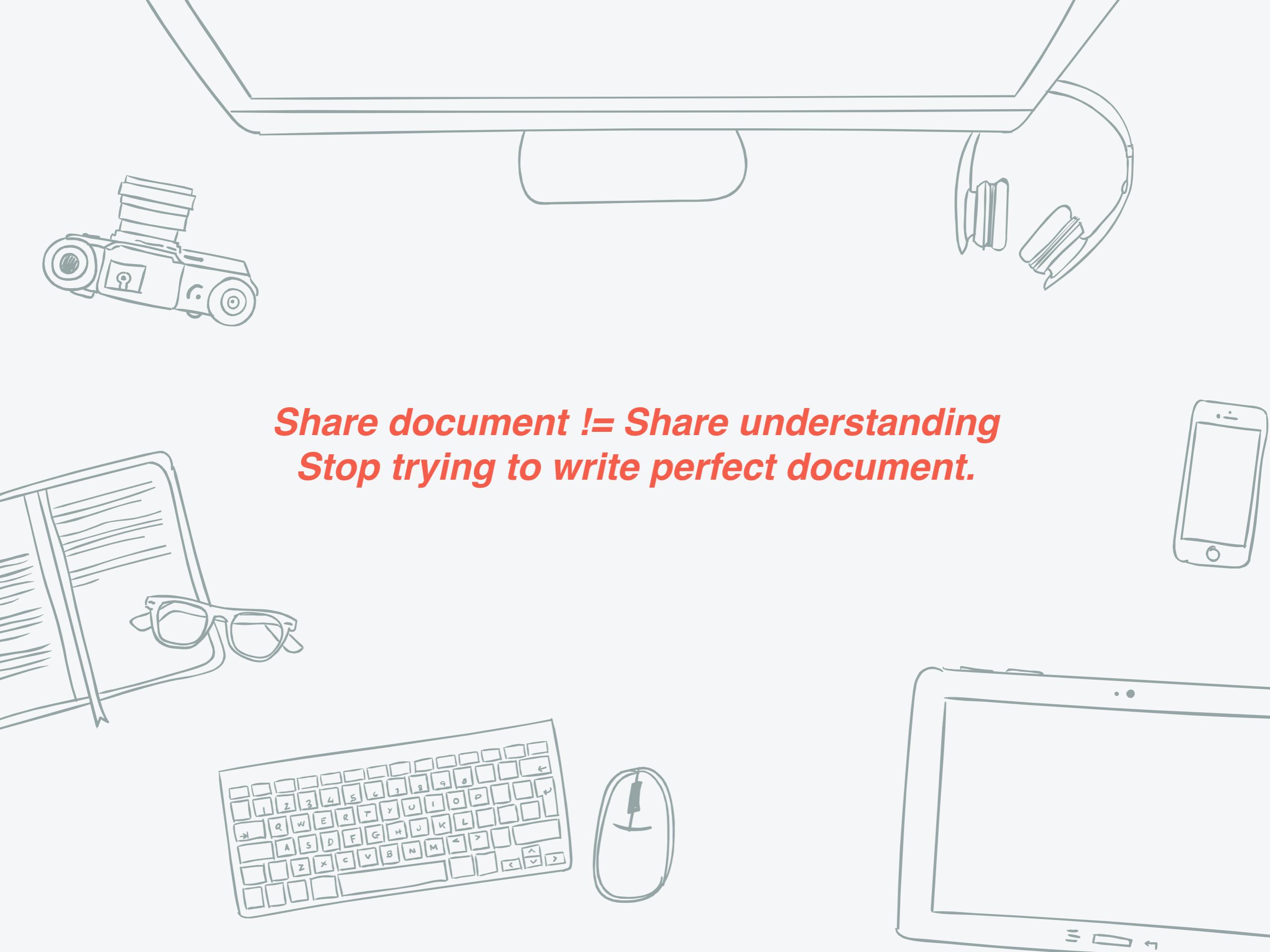


Requirements

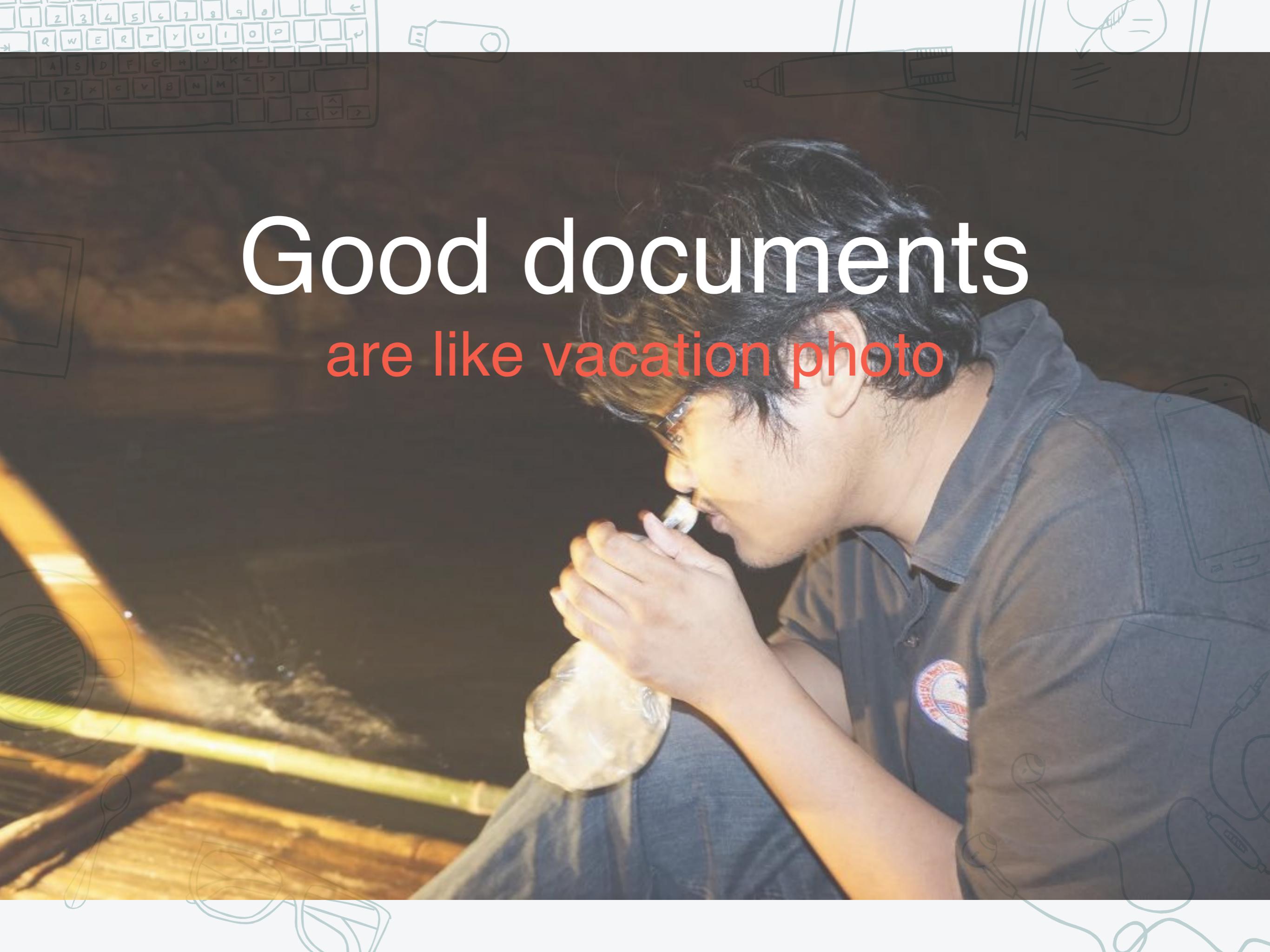




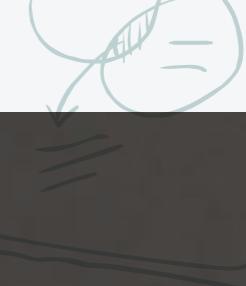
Share understanding

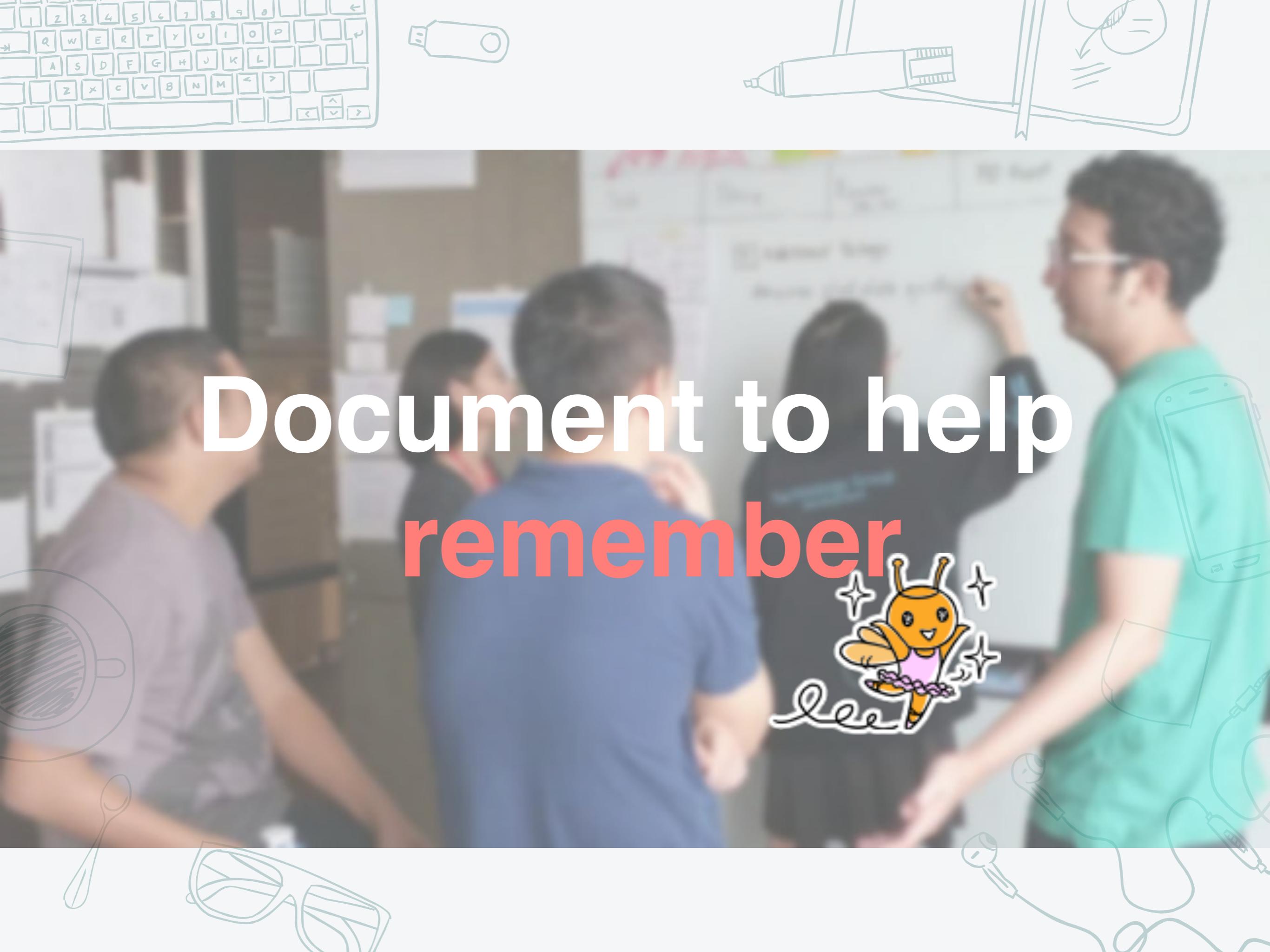


***Share document != Share understanding
Stop trying to write perfect document.***

A photograph of a man with dark hair and glasses, wearing a blue polo shirt with a small logo on the chest. He is looking down at a smartphone held in his right hand. In his left hand, he holds a clear plastic water bottle. The background is dark and out of focus.

Good documents
are like vacation photo





Document to help remember



Use these tools to create shared understanding

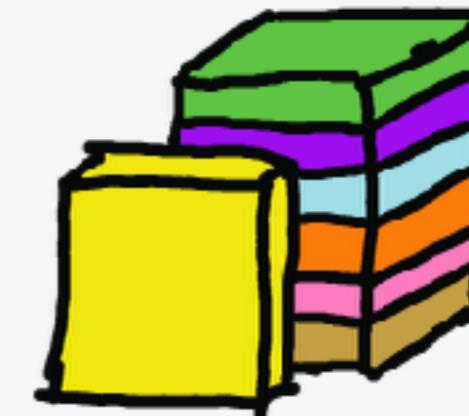
A lot of pen



Paper



Post - it



Tape



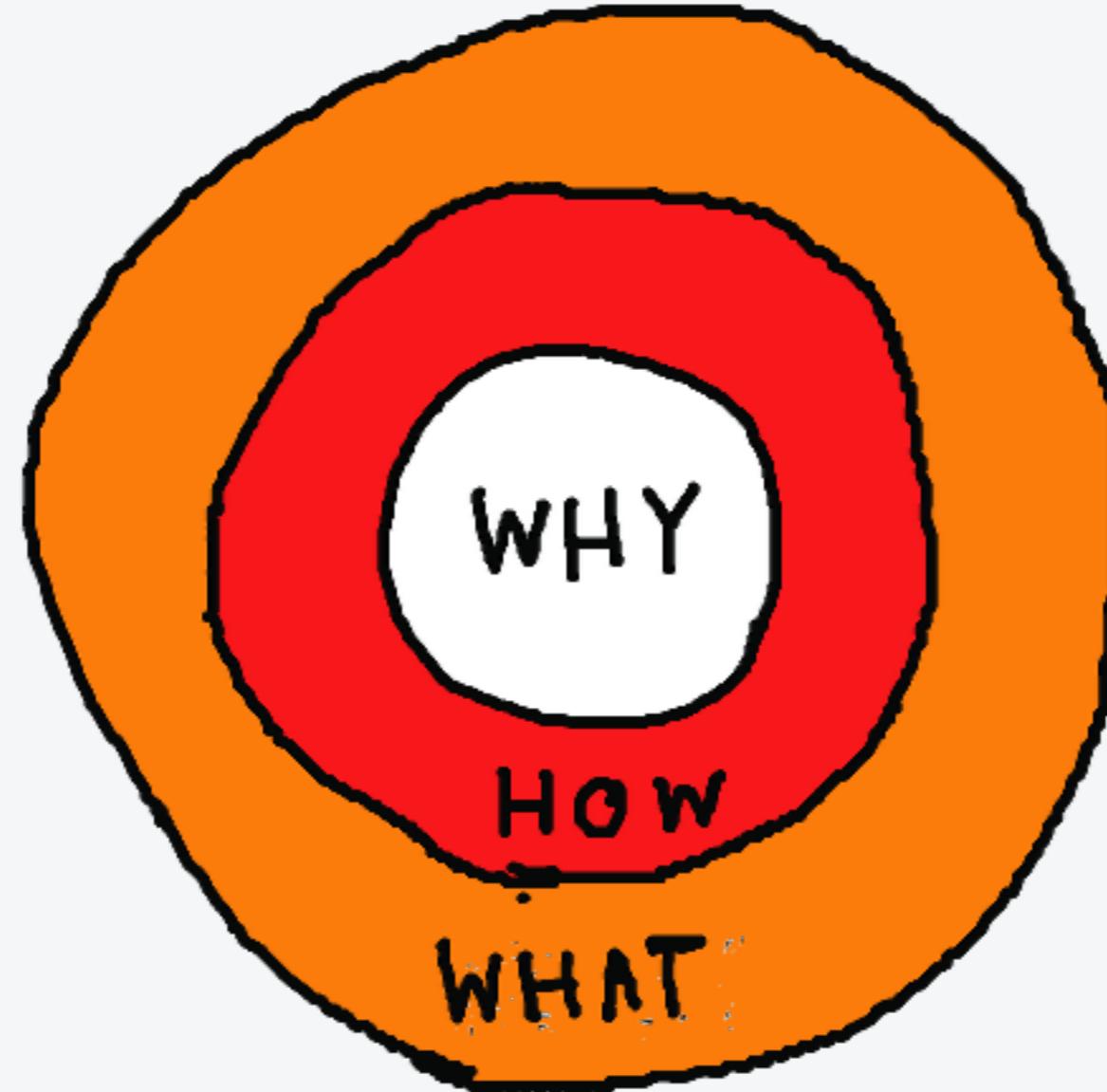
Flip chart



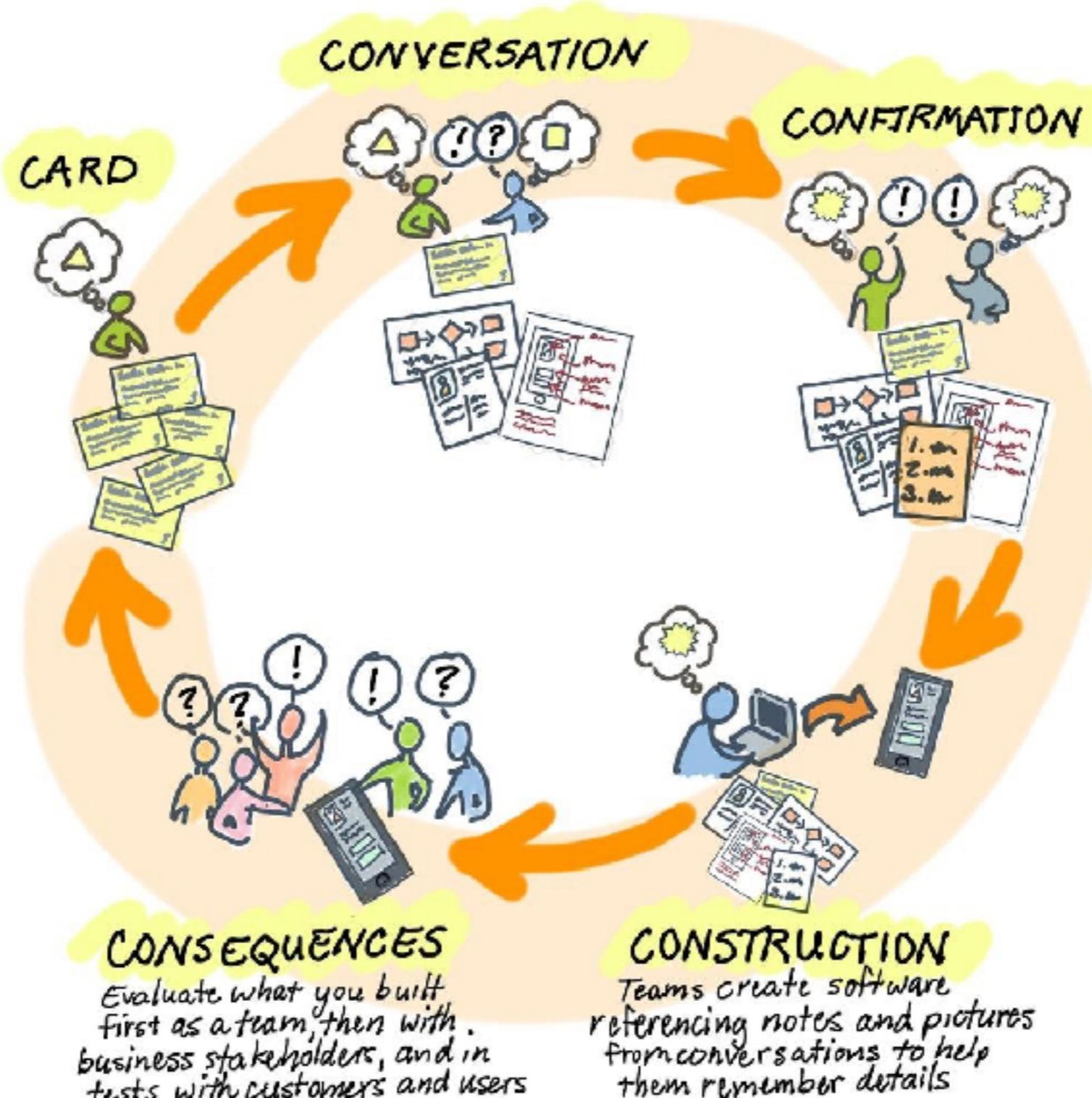
Whiteboard



Start with why

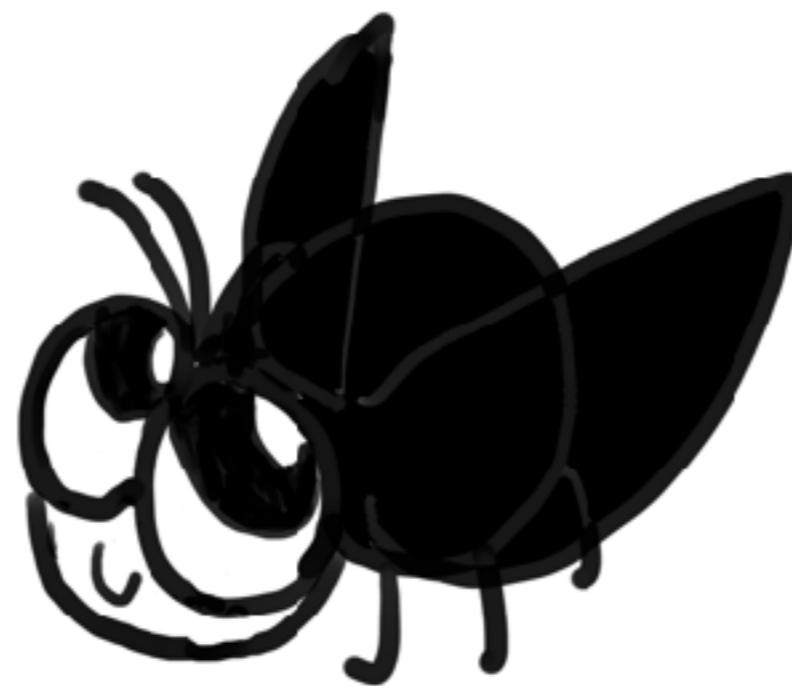


From TED talk “Simon Sinek: How great leaders inspire action”
https://www.ted.com/talks/simon_sinek_how_great_leaders_inspire_action



From the book
User story mapping, Jeff Patton, O'reilly

ตกลงกันก่อนว่า Bug คืออะไร?

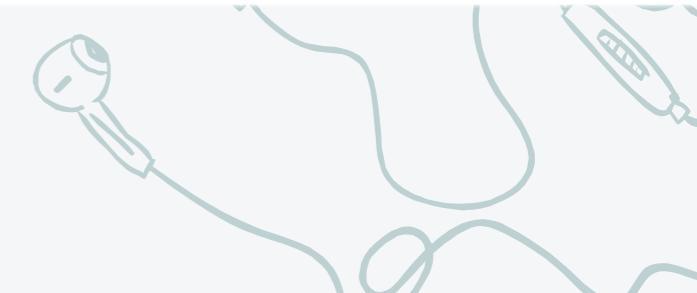
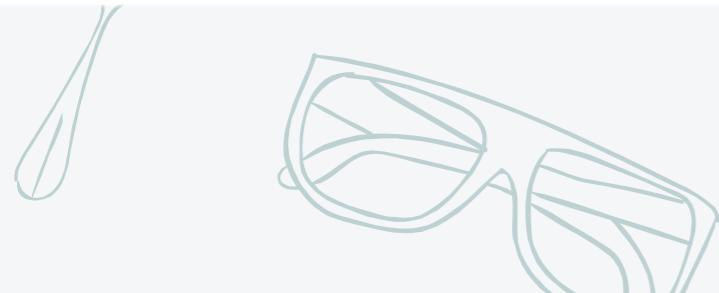


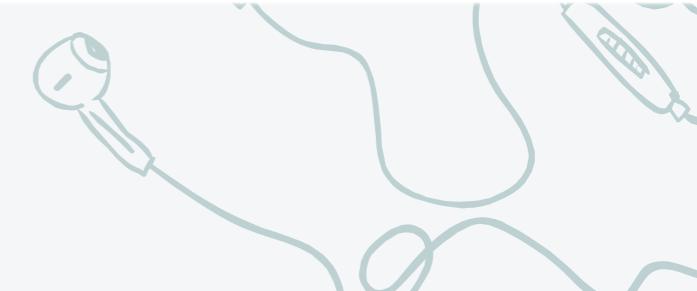
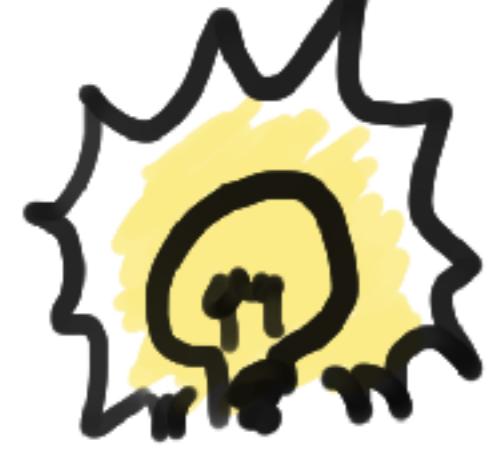
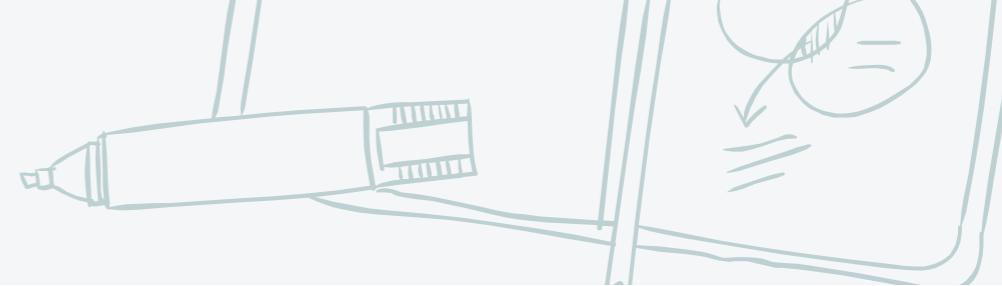
แล้ว
Defect
Issue
Incident
Change request
Enhancement

ฯลฯ
ล่ะ คืออะไร?

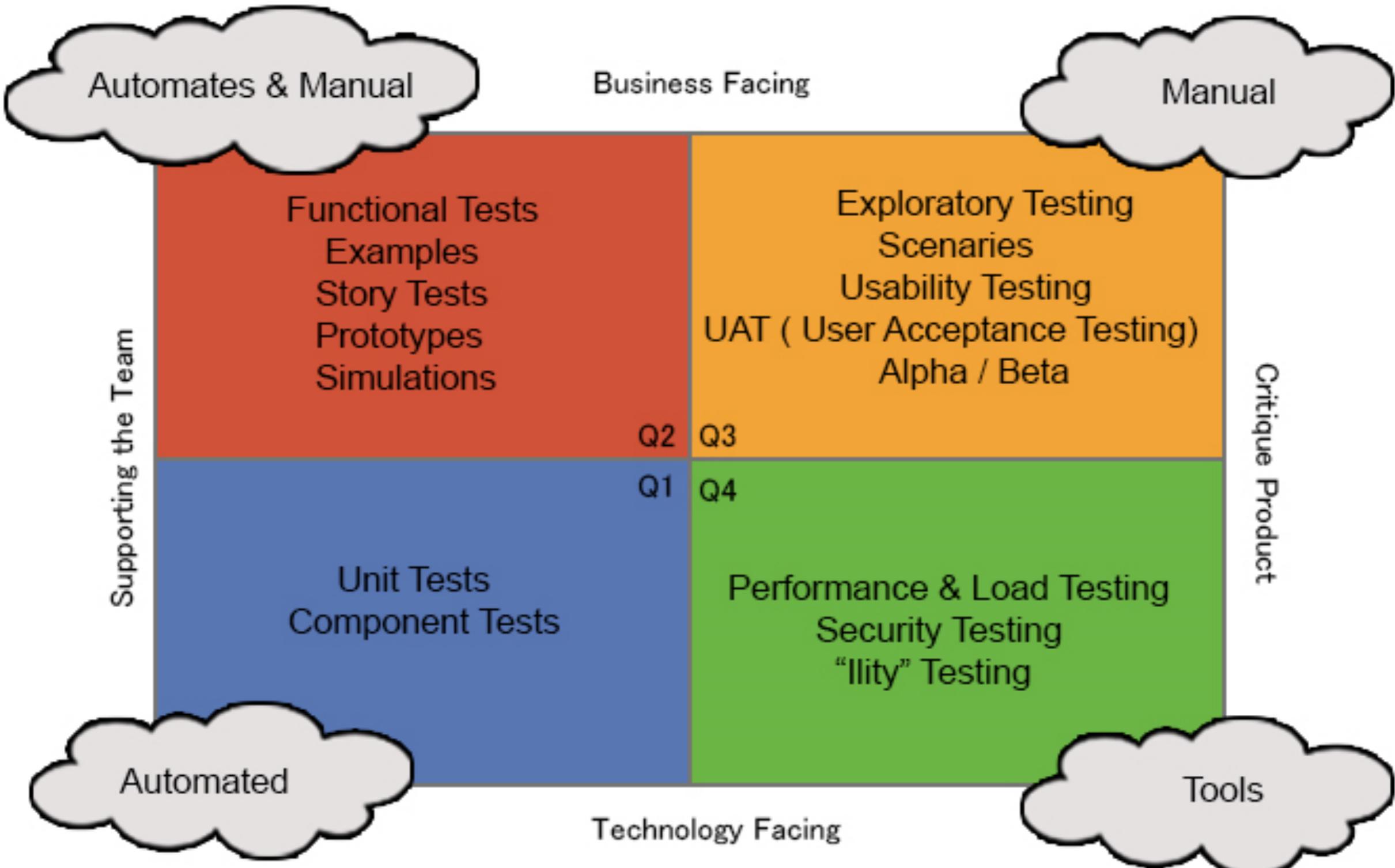
Software testing

Why it so hard?





The Agile Testing Quadrants



Source: Lisa Crispin, Brian Marick

User research

Acceptance test

Performance test

Prototyping

Ui test

Security test

Usability test

Integration test

User acceptance test

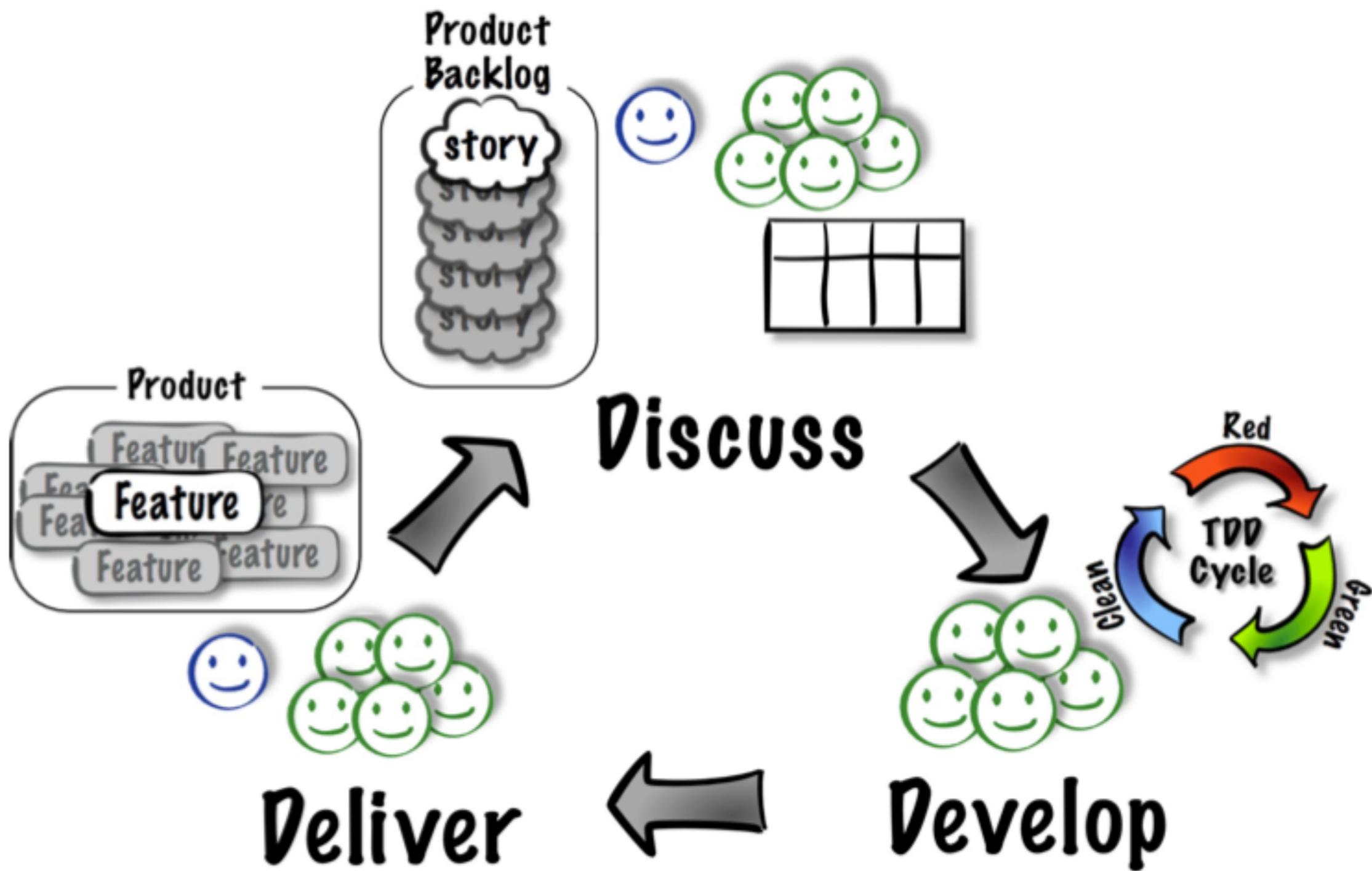
Unit test



ATDD

Acceptance Test Driven Development

The ATDD cycle





In the late 1990's Kent Beck had a simple idea to solve one of the biggest challenges in software development: communicating the details of what to build. By simply getting together and "telling our stories" we could build shared understanding in the minds of everyone involved.

In the conversation we'd focus ***not only on what to build, but who would use the software and why***. Our goal is to identify the most valuable thing we could most economically build.

“I type in the zip code and it automatically fills in the city and state without me having to touch a button!”

ເລີ້ມຕົກລົງລາຍລະອຽດ

Username:

Password:

ໃນລອງໃຫ້ລາຍລະອຽດ
ກັບເວັນ Welcome

ໃນລອງໃຫ້ລາຍລະອຽດ
ກັບເວັນ Welcome

Username:

Password:

ເລີ້ມຕົກລົງລາຍລະອຽດ



Test case	username	password	ပုဂ္ဂနည်
1.) login မျော်	kajontep	goodpass	ເကောင်း မျော်
2.) password ဝါဒ	Kajontep	badpass	အဆောင်ရွက်မှု "login မျော်မျော်"
3.) username ဝါဒ	kajontep	goodpass	မ ————— မ

បង្ហាញ Login ជាគារ 2 តែង

Username:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Log In"/>	

ក្នុង login នឹងមែនការណា
ស្ថិតិយោគ Welcome



ក្នុង login នឹងមែន
ការណ៍ដែលអាចចូលបាន

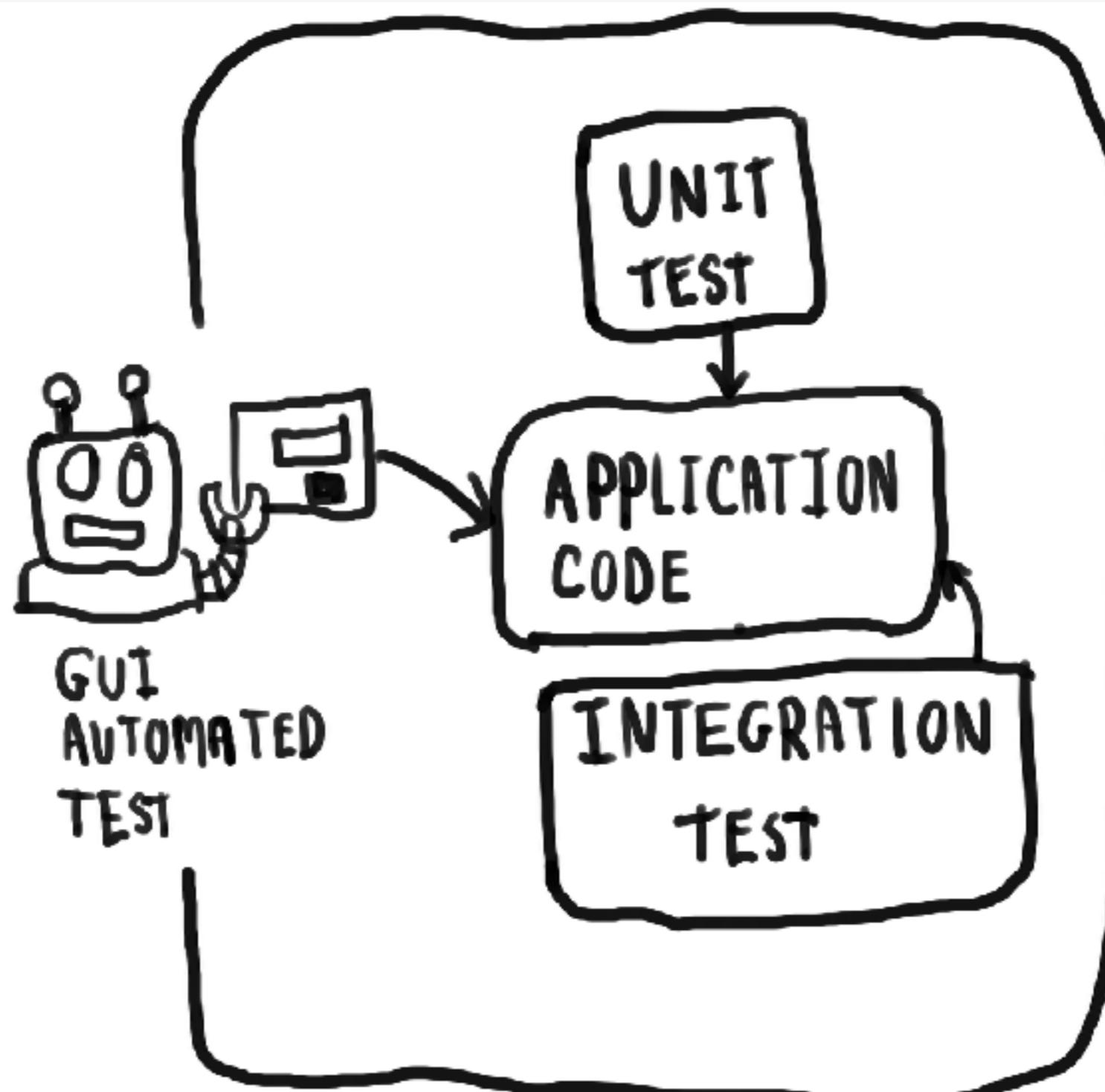
Username:	<input type="text"/>
Password:	<input type="password"/>
login នឹងមែនការណា	
<input type="button" value="Log In"/>	

Test case	Username	password	ឈ្មោះតួនាទី
Success 1.) login ជាមួយ	kajontep	goodpass	ពេកទូទៅ Welcome
2.) password គឺ fail	Kajontep	bad pass	ក្នុងការបញ្ជាកំ "login ត្រូវរាយការ"
3.) username គឺ	ka'jontep	goodpass	"-----"

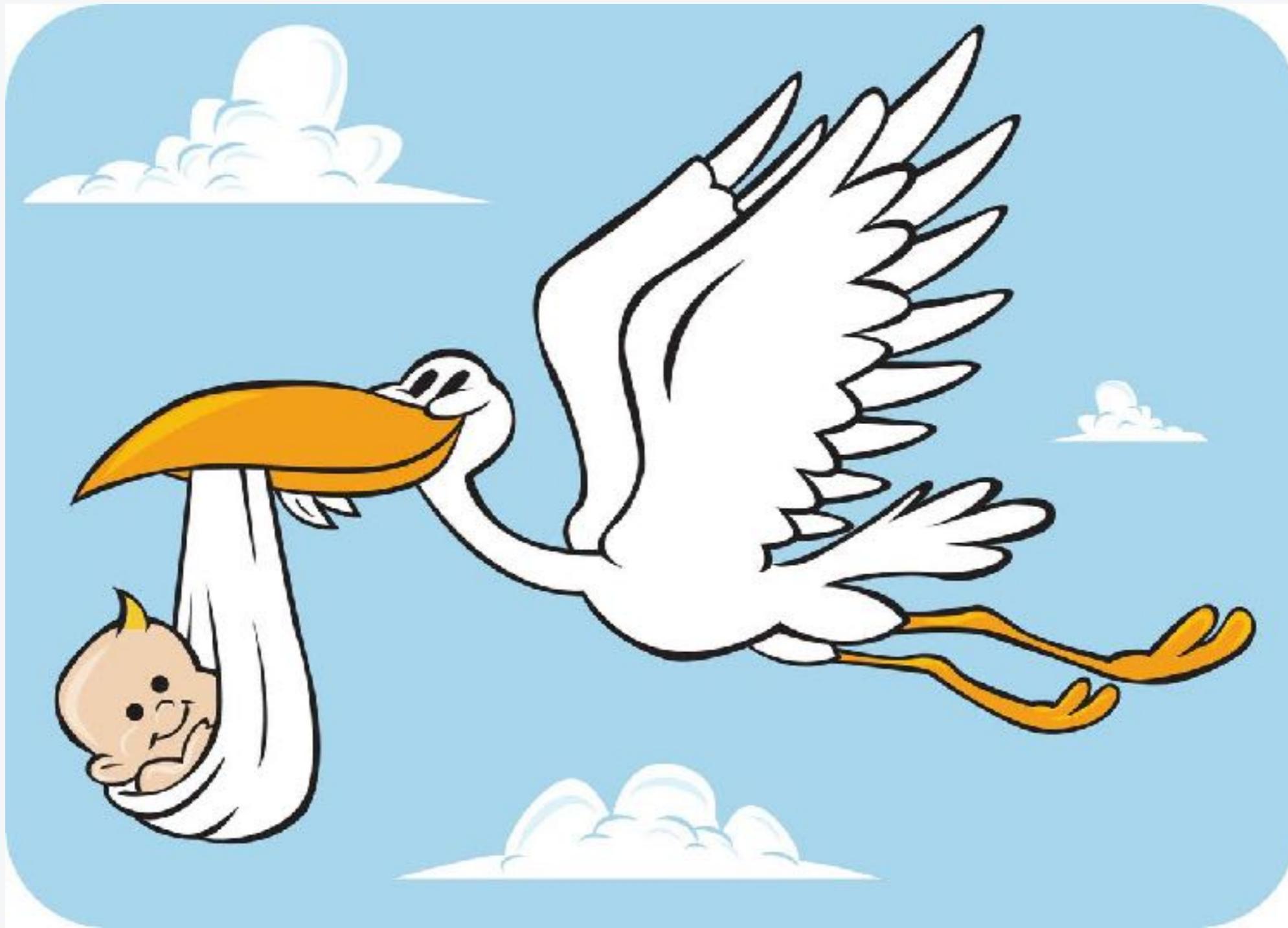
Free delivery

- ⦿ Free delivery is offered to VIP customers once they purchase a certain number of books.
- ⦿ Free delivery is not offered to regular customers or VIP customers buying anything other than books.
- ⦿ Given that the minimum number of books to get free delivery is five.

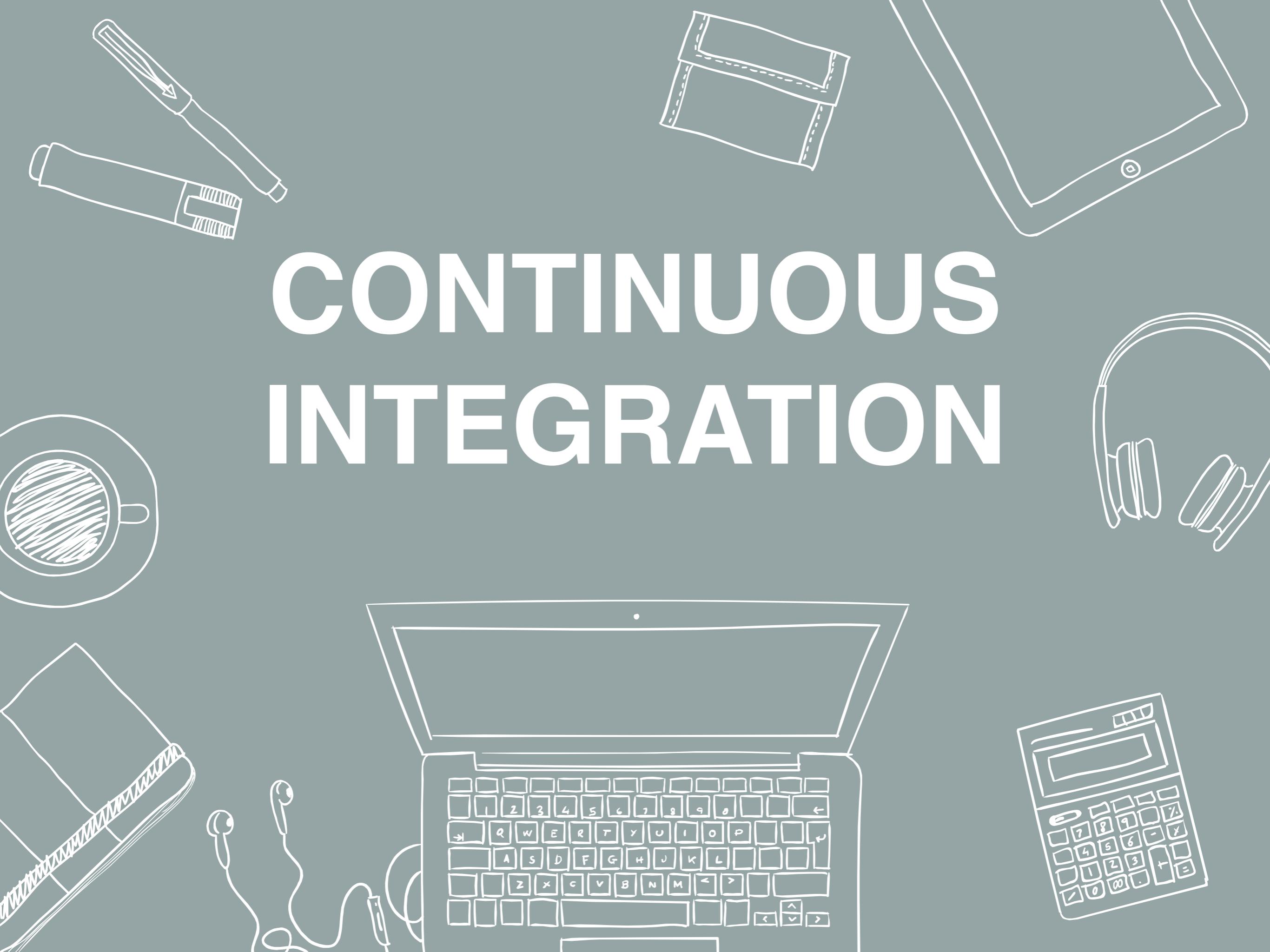
Development cycle



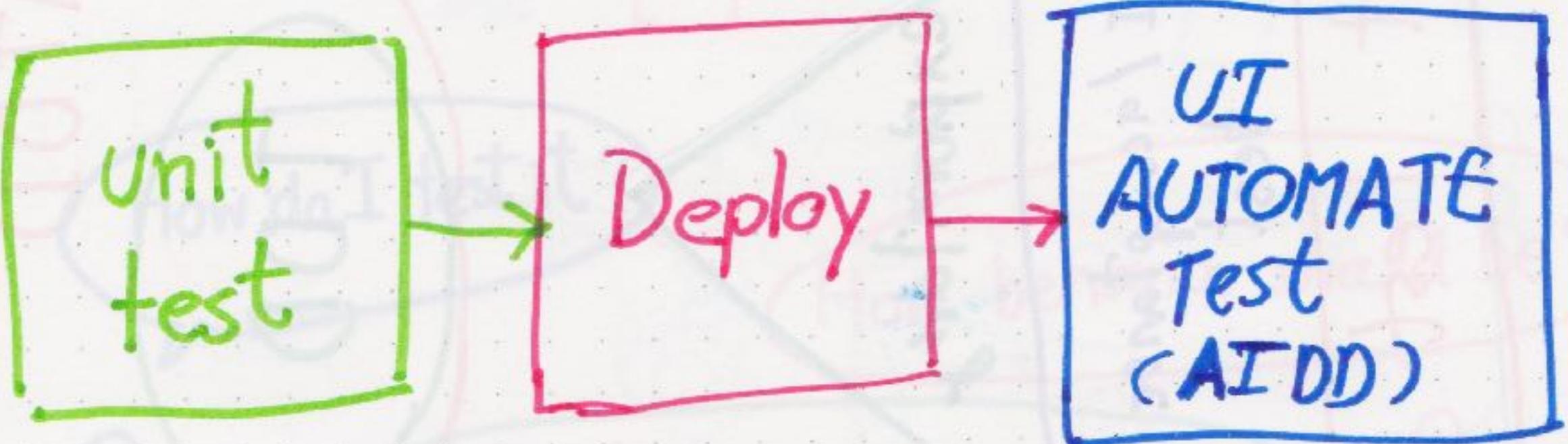
Deliver the right thing!

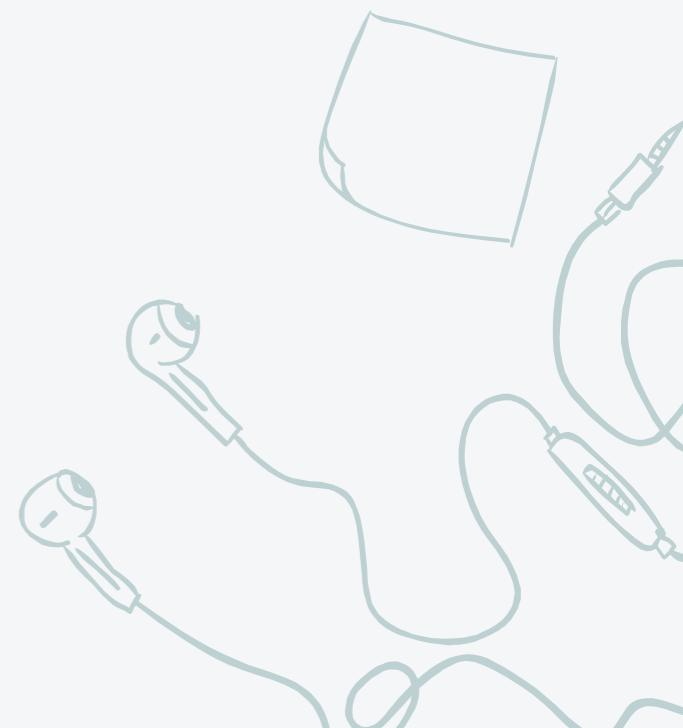
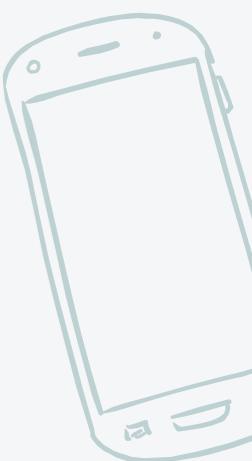


CONTINUOUS INTEGRATION



Build Pipeline





ເຊີຍ! ລົງ
buildແດງວ່ອ

OVERVIEW

ສະໄໝກັນໜ້ອມ

UA1

n 25

GODZILLA FACE MASK

เมื่อเจอความผิดปกติ
ต้องแก้ทันที

The living document

Living Documents!

great
workshop
material!

If it's
grap just
wait for
the next
iteration!

accommodates
more rounds
of comments

than there
are birds
on earth!

Document
DRAFT FOR COMMENTS
(VERSION N° 87)
DO NOT SHARE ANYWHERE
EMBARGOED UNTIL 2100
Abstract: work
in progress

Can live
longer
than any
living dead!

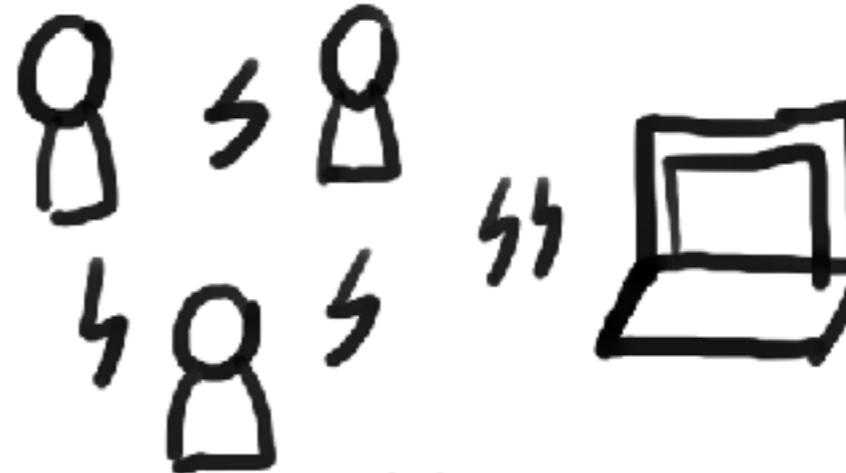
Keeps a
team busy
for years!

zero publication
or dissemination
costs!

ATDD can bring us



Strong
Application



Better
Communication



Respond to
change



Increase
Outcome x Impact

TAKE ACTION!

