

Collaboration 101: Agile Methodology

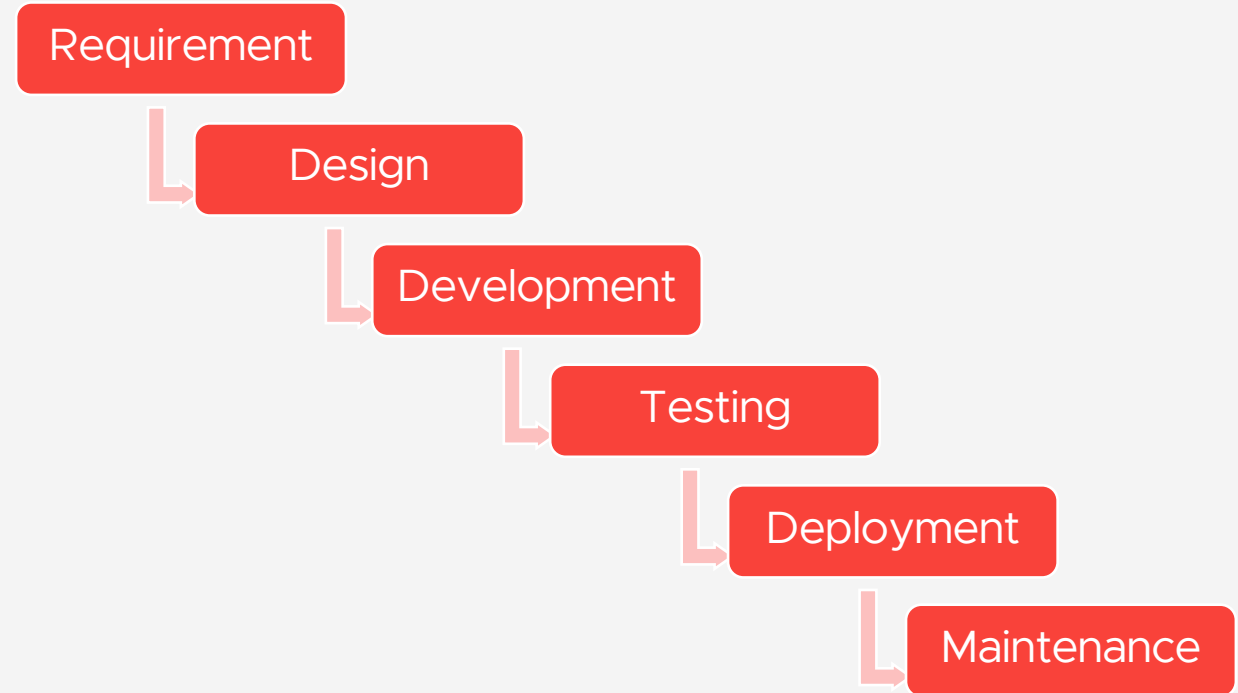
Adastra Thailand Campus on-tour program

Stamford International University
28 May 2024



Waterfall

- Traditional ways of engineering building (skyscrapers and bridges are still built with this today)
- We value more things through time
 - Adaptability to changes
 - Immediate amendments



Agile Manifesto

Individuals and interactions
Working software
Customer collaboration
Responding to change

over processes and tools

over comprehensive documentation

over contract negotiation

over following a plan

That is, while there is value in the items on the right, we value the items on the left more.

Agile is a mindset

How to change mindset to **methodology**?

Incremental vs Iterative

Incremental

Fully formulated ideas, incrementing builds through time.



Iterative

From vague ideas to realization, builds rough versions/MVP, validates, iterate.

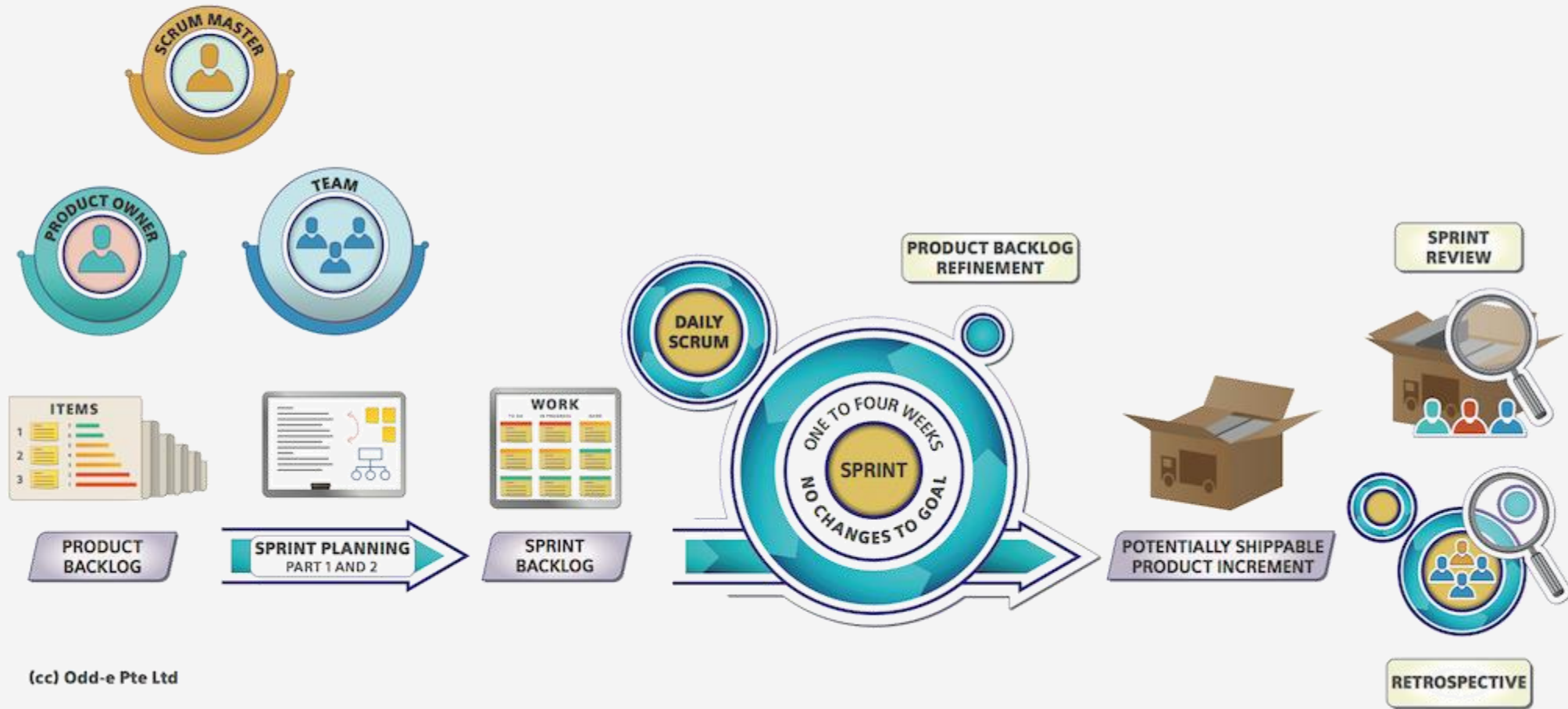


Courtesy of Jeff Patton,

Don't Know What I Want, But I Know How to Get It – We help you create successful product culture and process (jpattonassociates.com)



SCRUM



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Let's start simple:

Writing Backlog

Think of things you have to do
in this week...

Clean the room's floors

Description

Floor needs to be cleaned from the Mookata party held yesterday

DoDs

Living room floors vacuumed, mopped, no stains especially greases.

Estimation

4

Estimations

- Heuristic of how long it will take to complete a task
- Should...
 - Incorporate everything needed for completion (e.g. testing, talking to people)
- Consider
 - What is “how long”?
 - If a task is complex but can be done quick, should the estimation be high?
 - If a task is easy but tedious and repeating, should the estimation be low?



T-shirt

- 4-5 main categories: XS, S, M, L, XL
- Group tickets according to categories



Points

- Define a unit of one point and scale
- 1 point maybe 1 hour for simplicity