Product Backlog

Presented by Nursultan Askarbekuly

We want to deliver working software
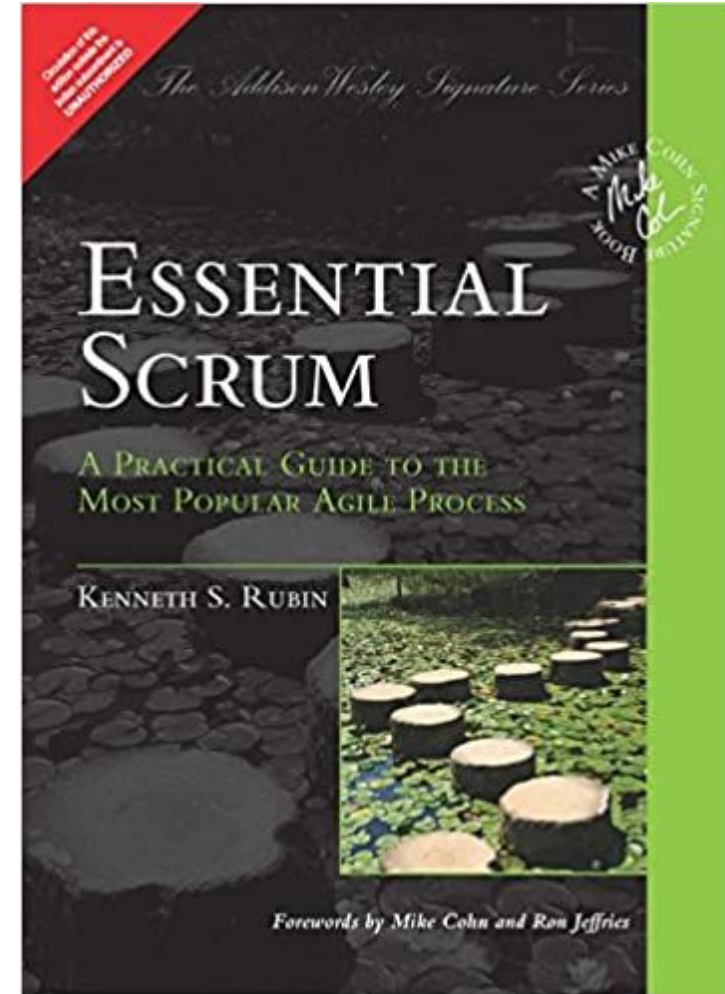
How to plan our development effort?

Agile Principles

Our highest priority is to satisfy the customer through **early** and **continuous** delivery of **valuable** software.

Welcome **changing requirements**, even late in development.

Deliver working software **frequently**, from a couple of weeks to a couple of months.

Product backlog

- A prioritized list of desired product functionality

- Provides a centralized & shared understanding of what to build and the order in which to build it

- All product related work in one place

Rubin, Kenneth S. *Essential Scrum: A practical guide to the most popular Agile process*. Addison-Wesley, 2012.

Functional Requirements:
User stories

As a… (who is the user?)

I want to… (what will the app do?)

So that… (to achieve what goal?)

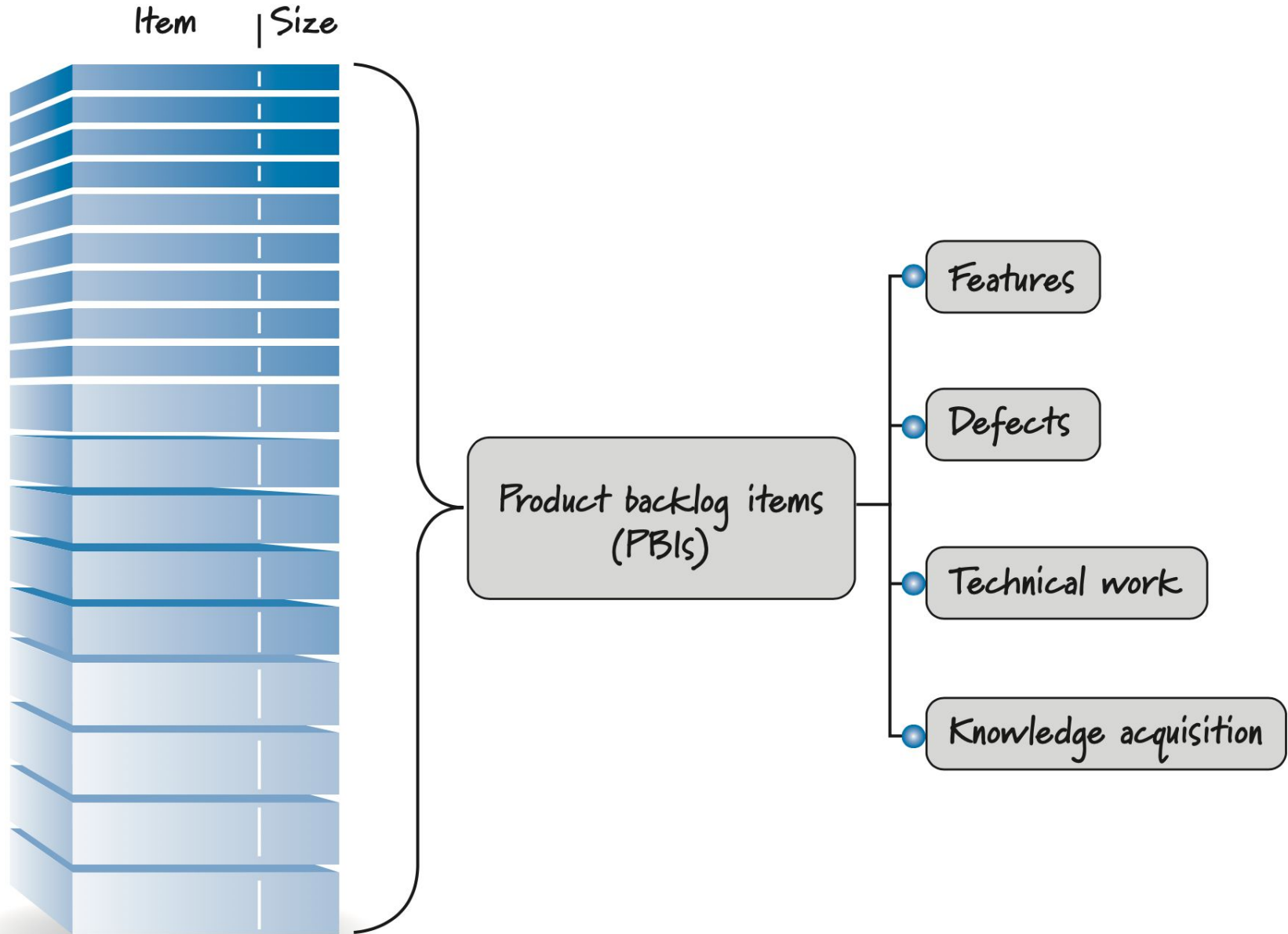Priority: (must/should/won't)

Estimate: (S/M/L/XL)

A more complex example: **EasyPub**

As a reader

I want to browse through the list of all available books

so that I can find an interesting book to read

EasyPub

- Search
- Sort by
- Add to favourites
- Browse books list <<extend>>
- Request continuation <<include>> Subscribe to updates
- Buy continuation <<extend>> Use promocode
- Read a book <<extend>>
- Rate& Review <<extend>>
- Create account
- Sign in — Ext. Forgot Password
- Change Password
- Share app
- Report a problem
- Publish a new book <<include>> Read publishing guidelines
- <<include>> Upload a chapter
- Add continuation <<include>> Upload a chapter

Reader
Generic User
Author
Admin

Legend
- Phase 1
- Phase 2
- Phase 3
- Extra

Product Backlog Items (PBIs)

Item | Size

Product backlog items (PBIs)

- Features
- Defects
- Technical work
- Knowledge acquisition

Good Backlog Characteristics

Make it DEEP:

- **D**etailed appropriately
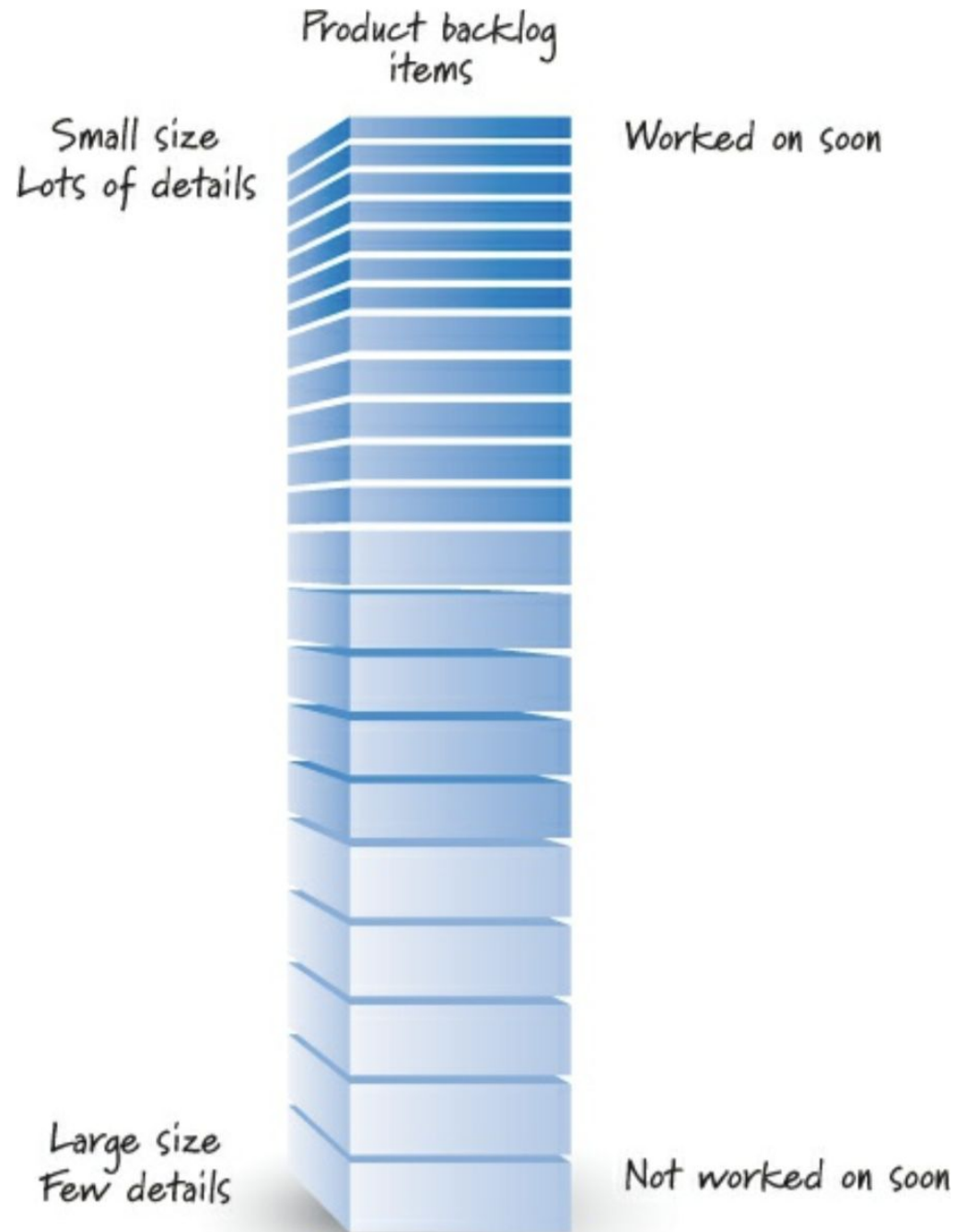- **E**mergent
- **E**stimated
- **P**rioritized

Product backlog items
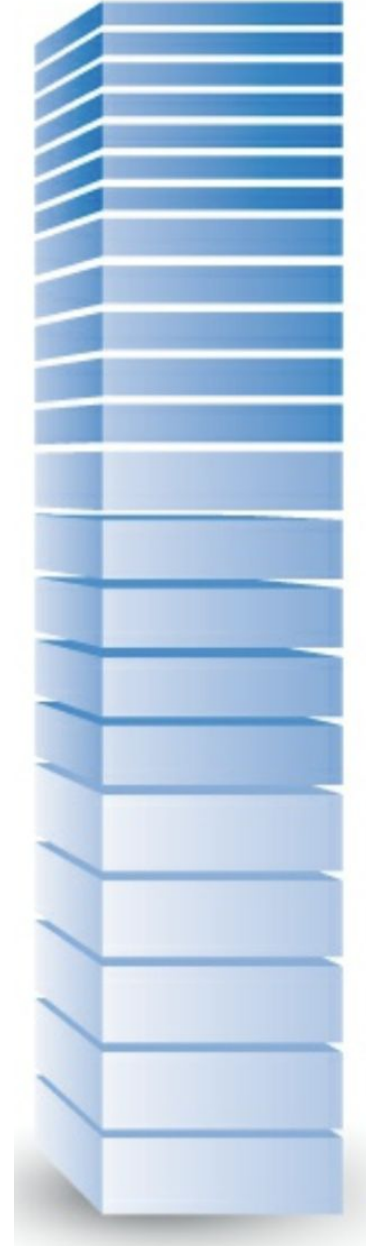
Detailed appropriately

- Be clear on the next step
- Don't overthink the future details
- Keep overall vision in mind

Product backlog items

Small size
Lots of details

Worked on soon

Large size
Few details

Not worked on soon

Estimated

Prioritized

- MoSCoW acronym

- Should be based on what you are trying to achieve

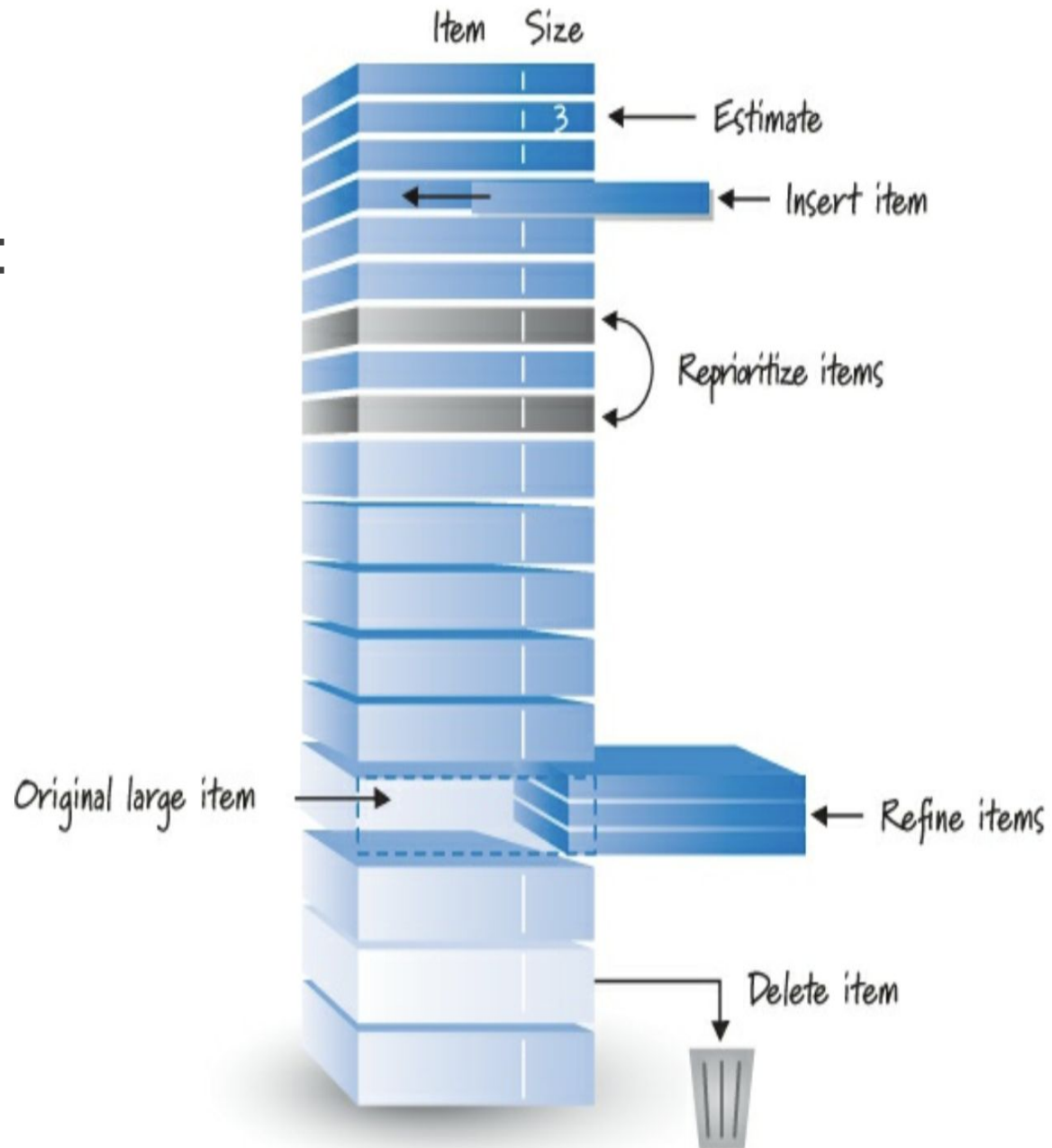- Coupled with estimates, determines the order of completion
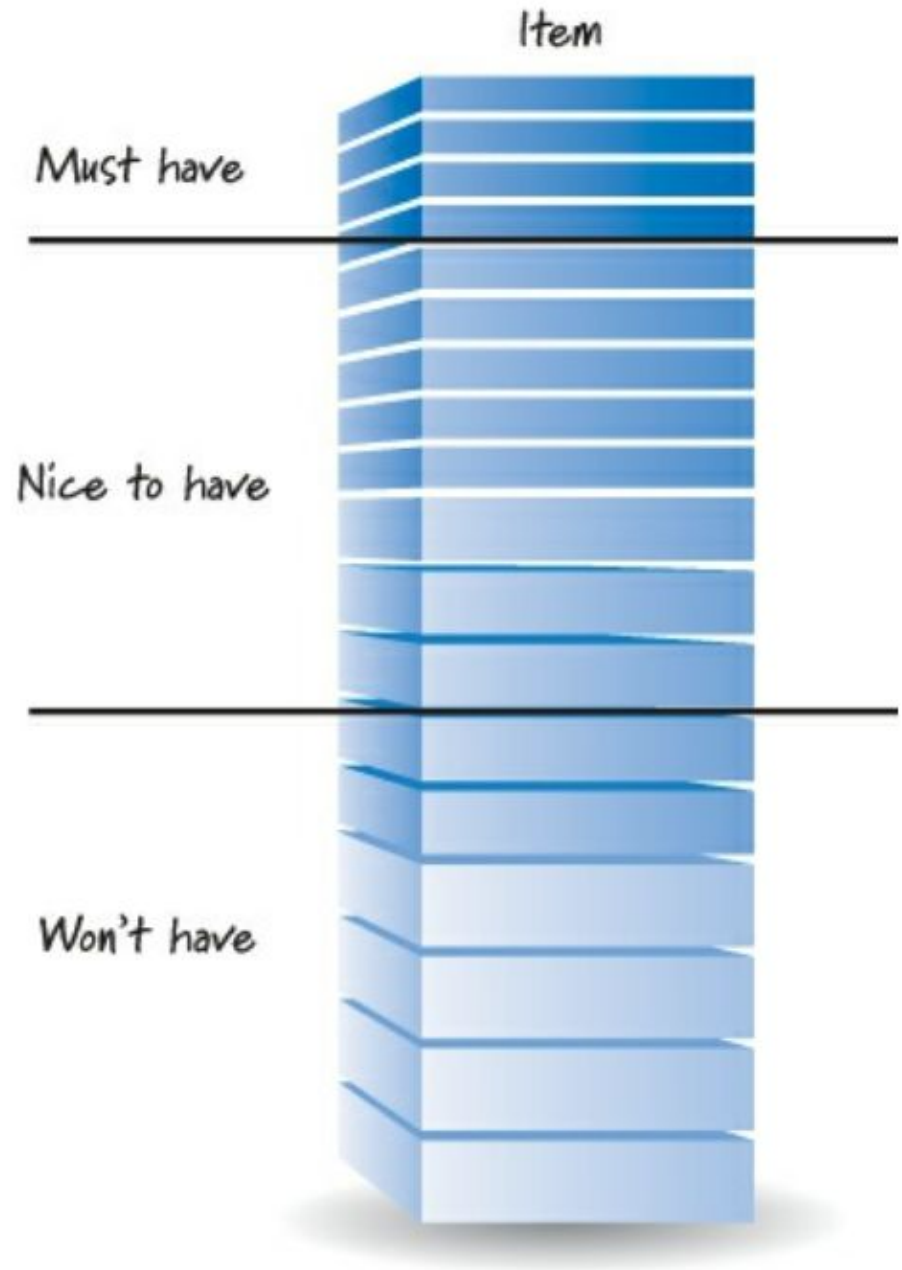
Emergent

Backlog Grooming:

- manage,
- organize,
- administer

continuously.

AB...Z

1. Populate your backlog

2. Make it DEEP

3. Distribute tasks