

Kanban

Being healthy lean

15 Minutes for a hot coffee

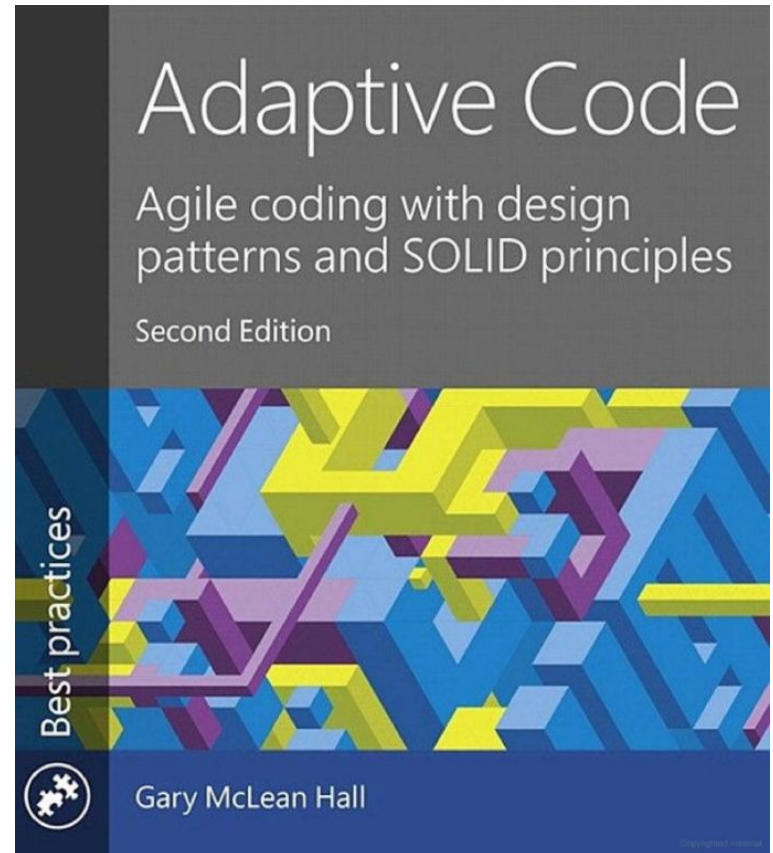
Motivation

Book from Visma library

Share some highlights related to team

First topic is agile

.. **Kanban**

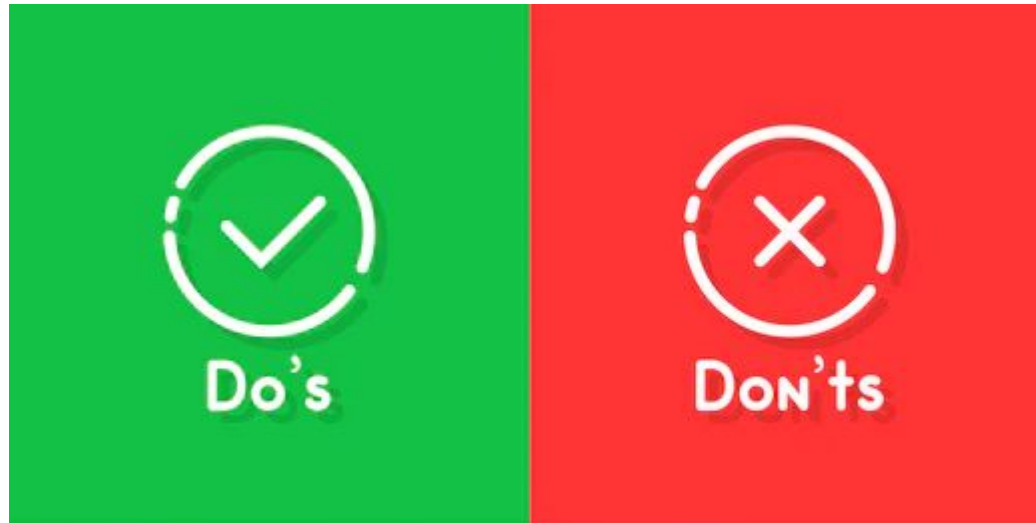


Kanban - we know

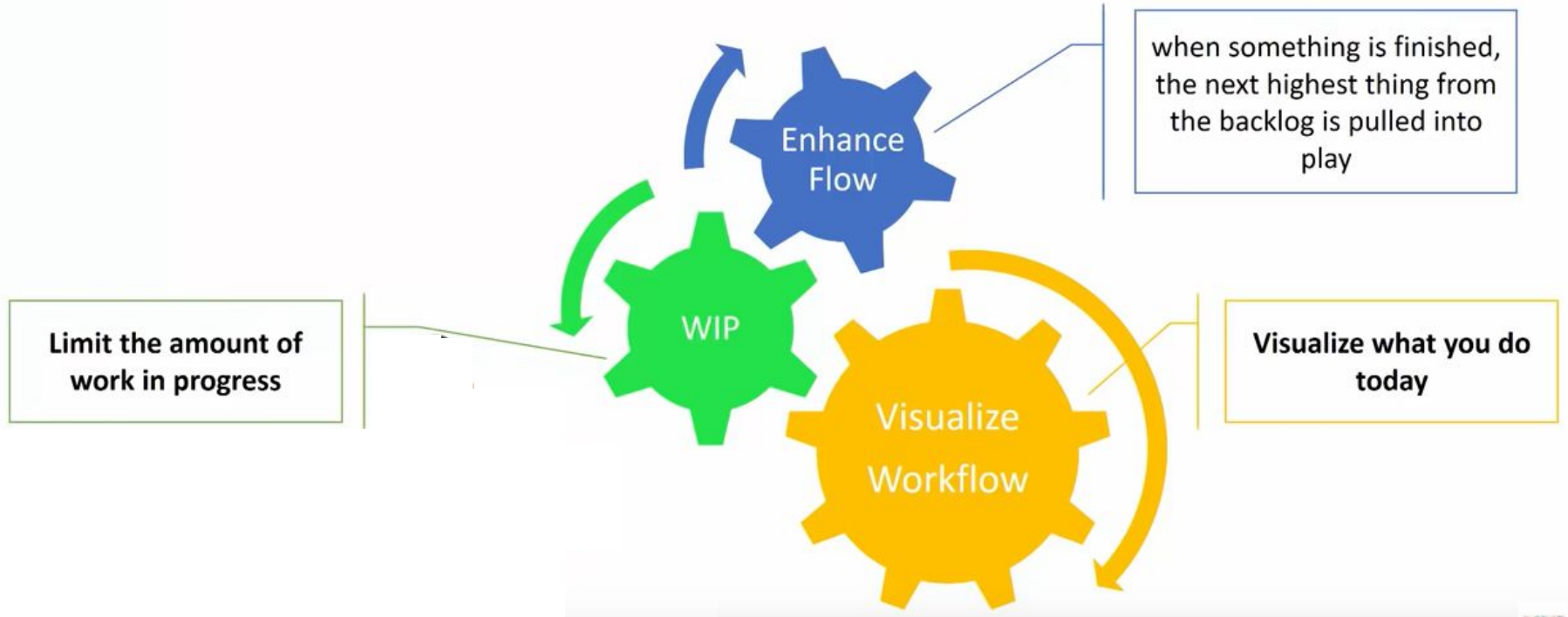
DEMAND BASED SUPPLY



Kanban



Kanban - we know



Kanban - Kesslers Knigge



10 things that are not allowed in restaurant

Transparency - *"I will just do it or .."*



Everyone has own space

Failure should be **loud** && **fast**
&& **obvious**

Beginnings are hard and many
issues come up, but this is
intentional to iteratively **improve**
process.

Celebrate your failure



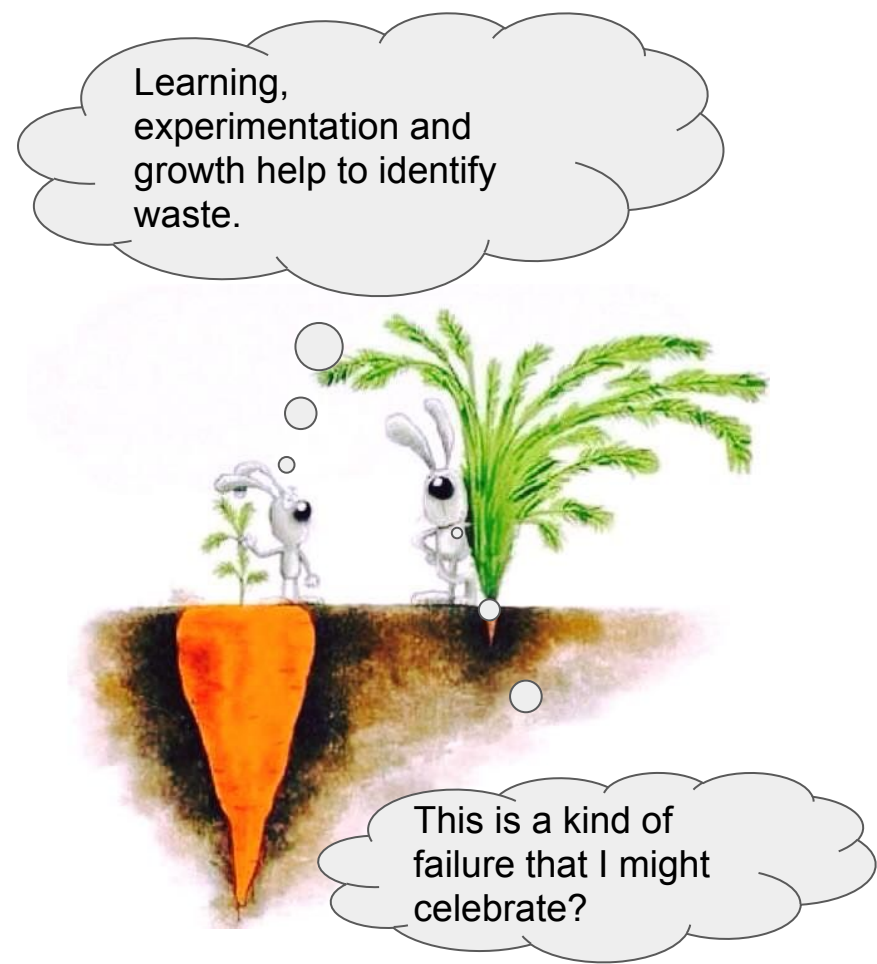
Catch the process

Catch the **true** in the kanban and not how **I** want it to be.

To be lean:

Eliminate waste and **search** for **value**.

Continuous improvement - does it add value to customer ?



Limit WIP (**W**ork **I**n **P**rogress)

Take care about **W**ork **I**n **P**rogress.

Reason: *“Protecting against changes”*

- Implementation takes the most time.

Result: maximize the throughput of team

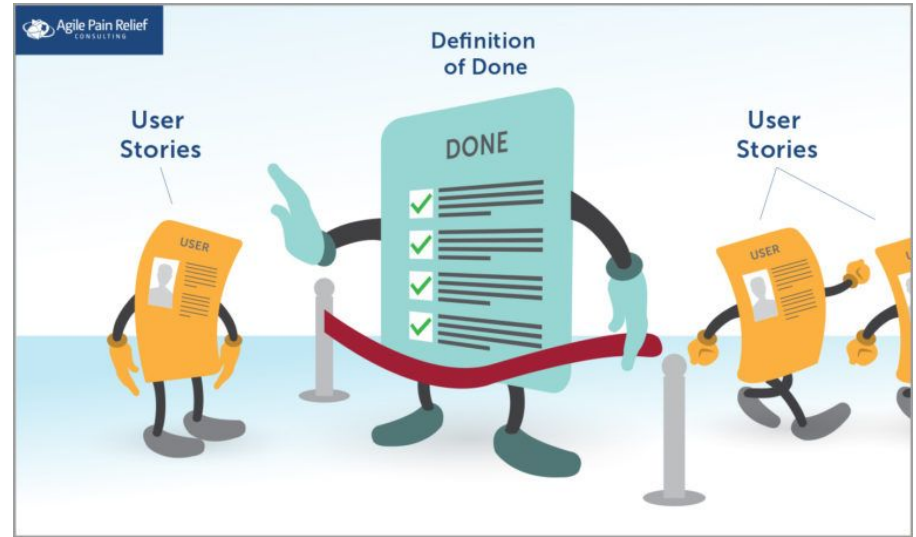


Definition of Done

Is it done, yes ? ... 🤖

DoD can be a checklist:

- Team has to agree
- Each state has own checklist
- Improves speed and reliability



Event driven ceremonies

Event has a key role:

- Events must happen, otherwise process will stop
 - e.g. Done with one -> start with another
- Actors are responsible and aware of events

Let it “blow” and make the flow transparent.



Class as service

Kanban tickets are equal..

What about task like:

refactor, new functionality, bug

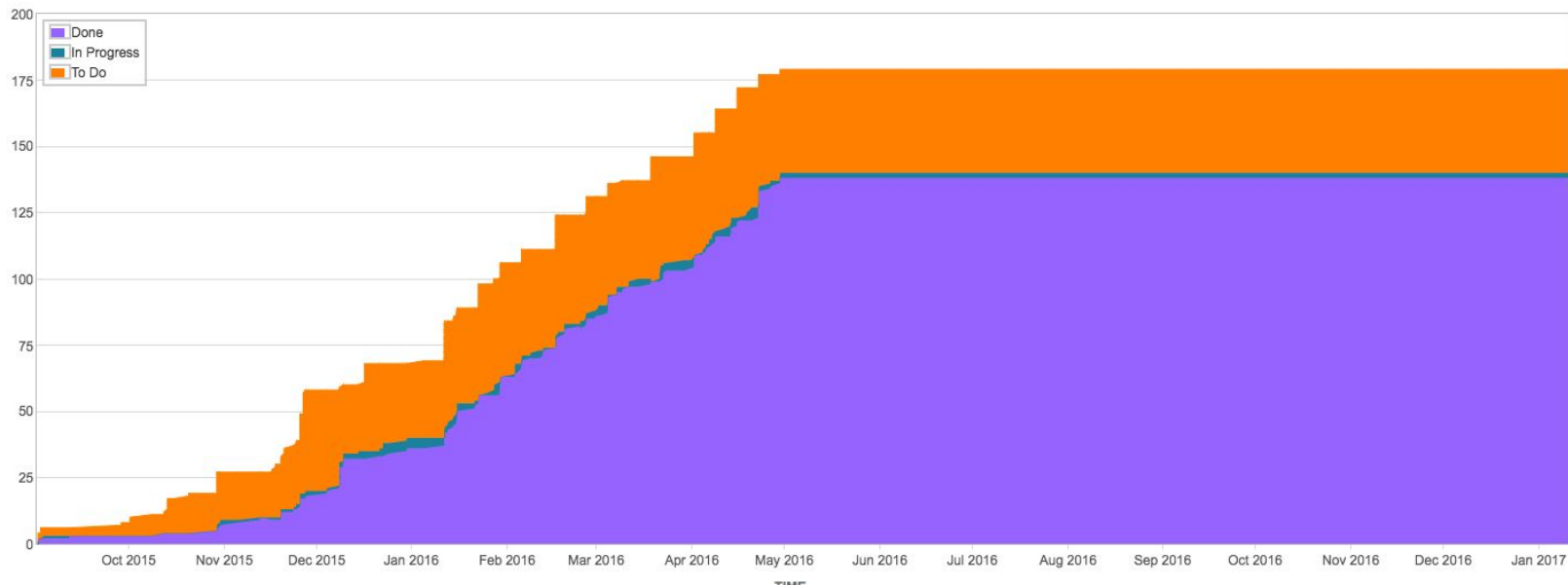
Team agreement to create classes
based on the risk.

Consider importance.



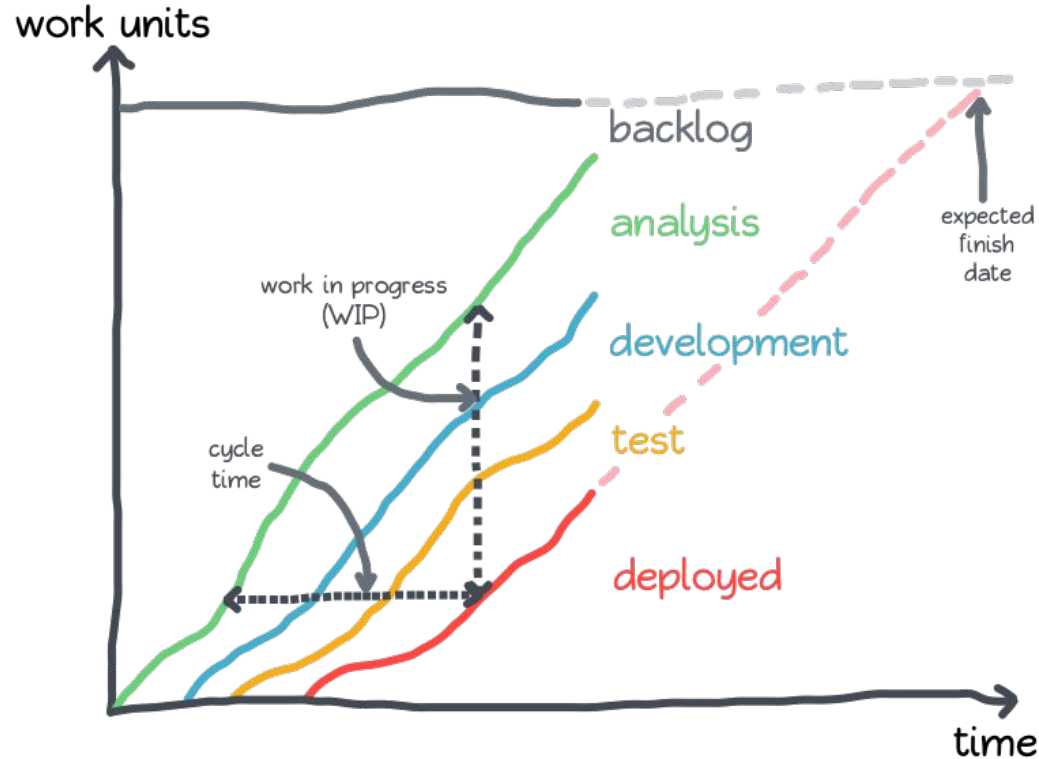
How to
identify that
something is
wrong or
good?

Cumulative flow diagram



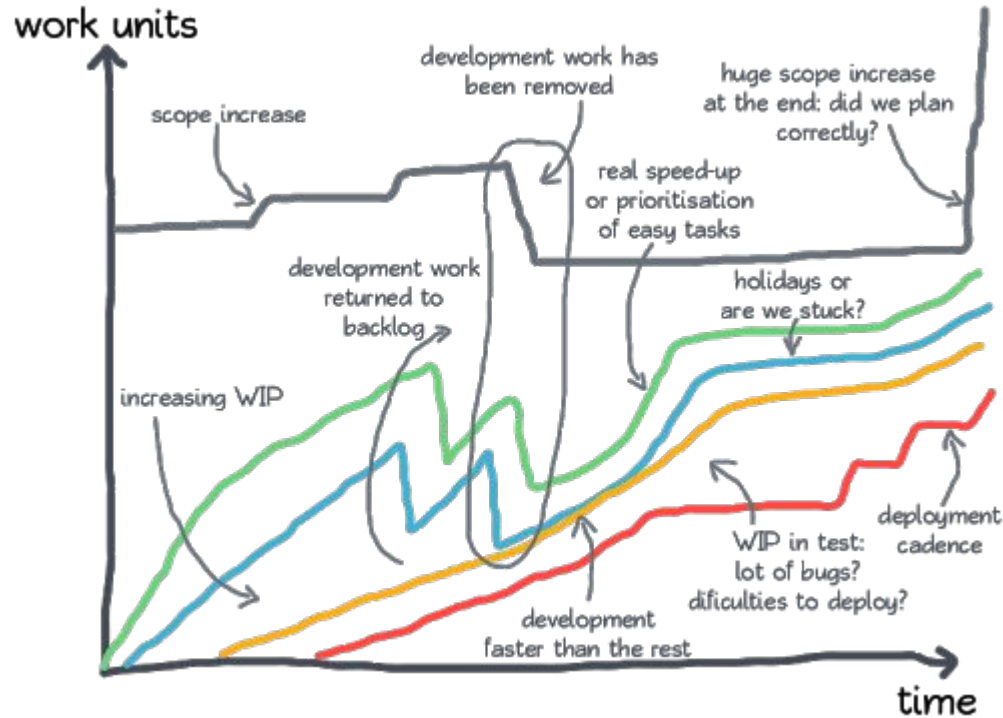
Cumulative flow diagram

Grey: backlog
Green: analysis
Blue: development
Yellow: test
Red: deployment



Cumulative flow diagram

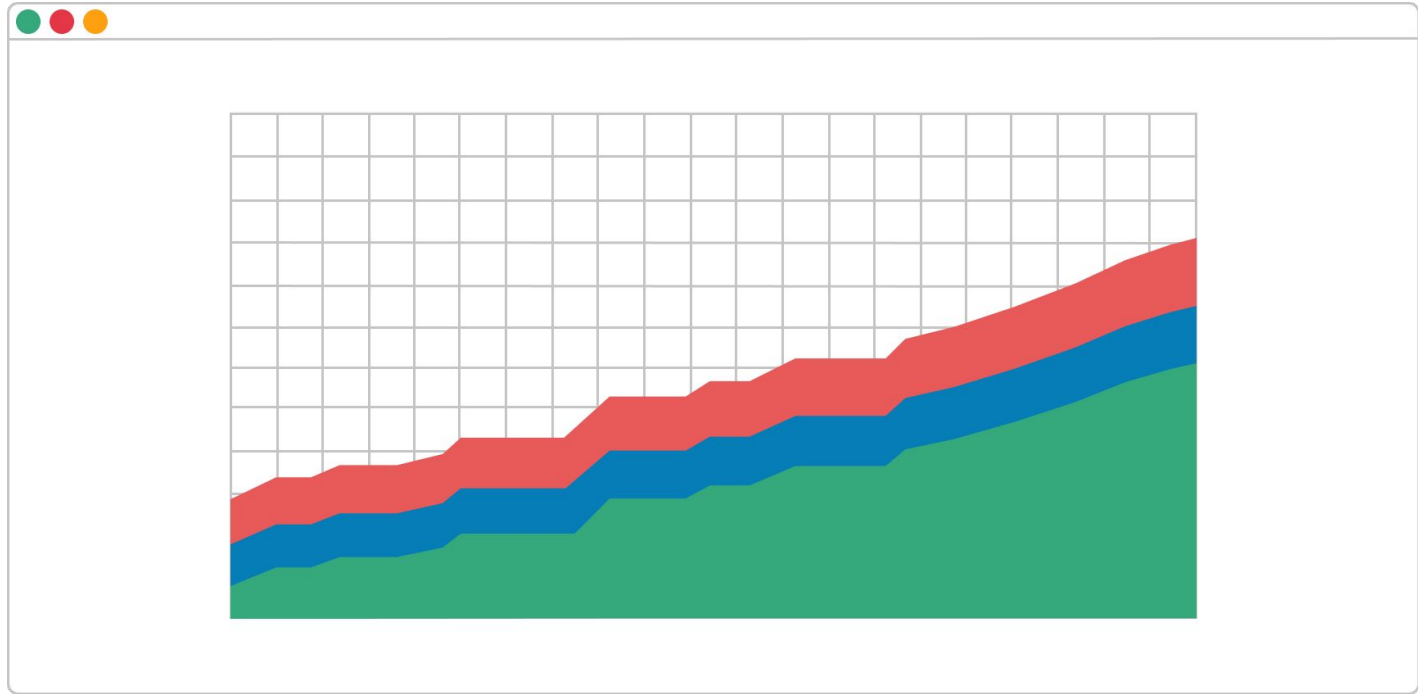
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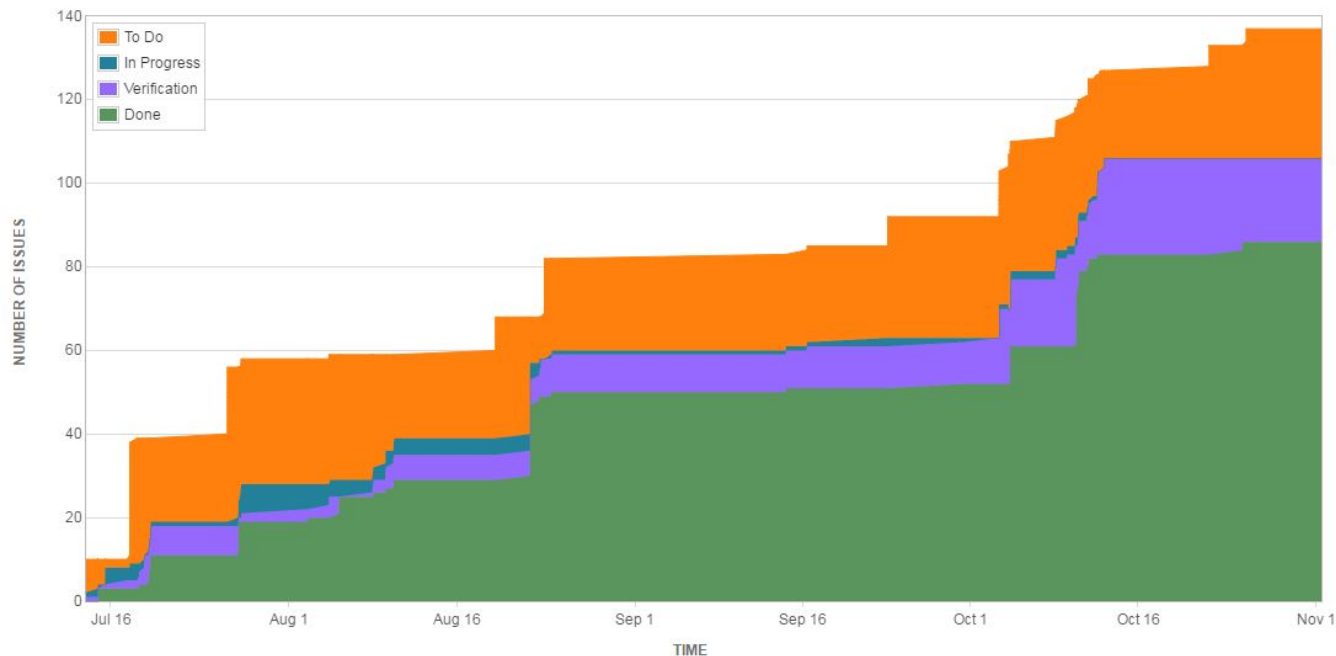


Healthy flow

Cumulative flow diagram - sample



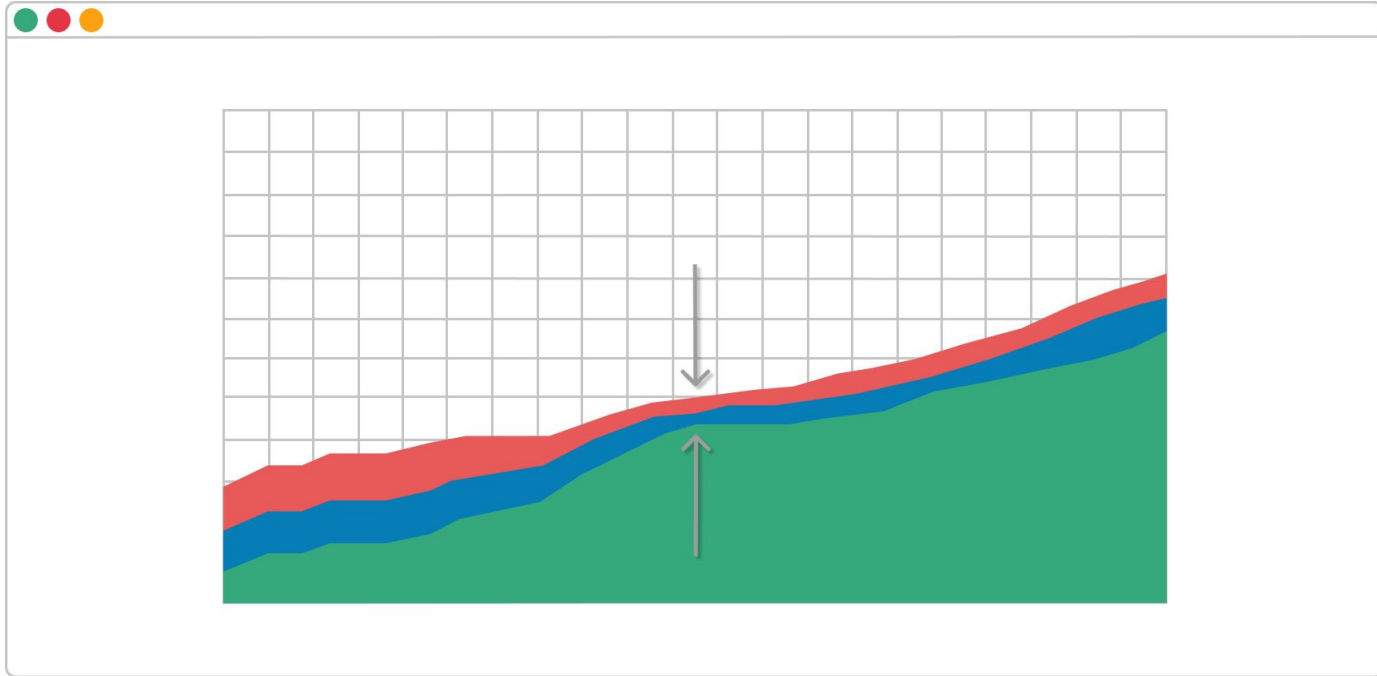
Cumulative flow diagram



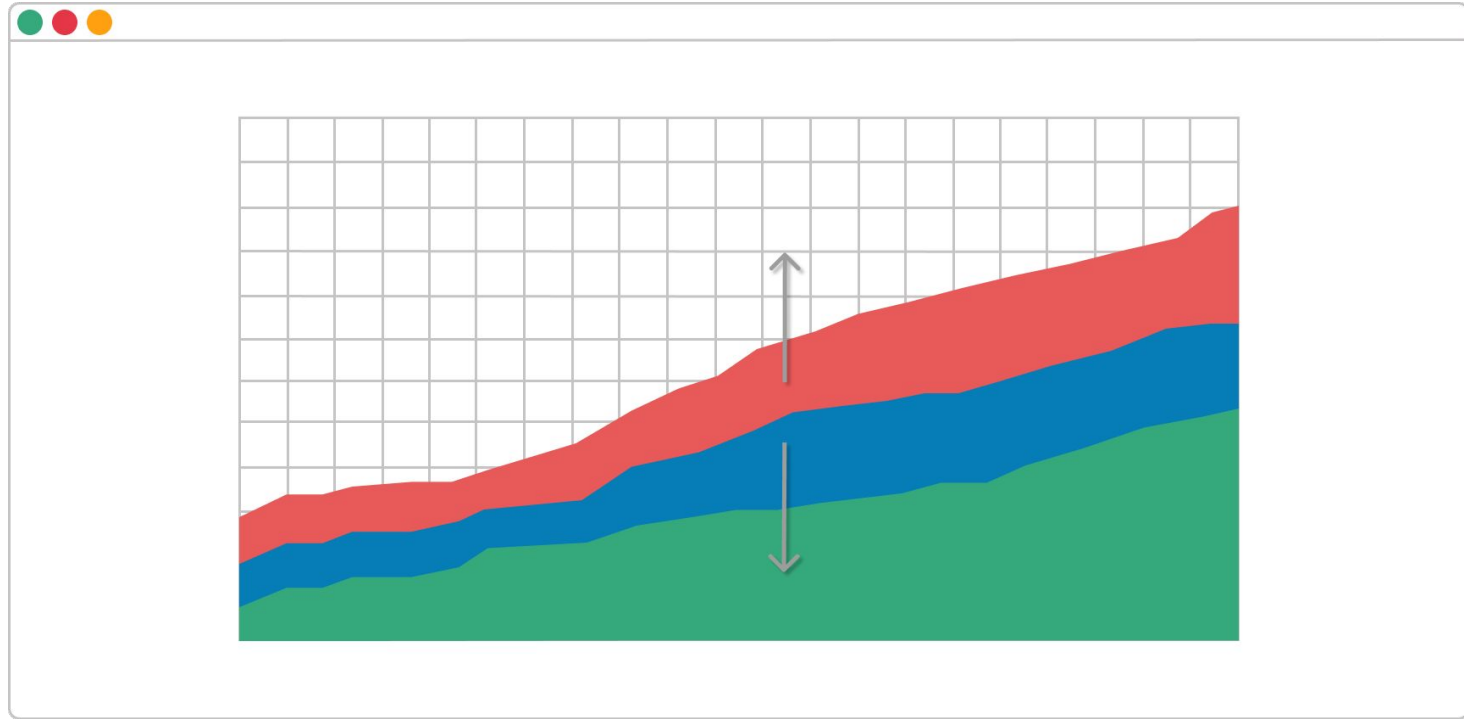


Unhealthy flow

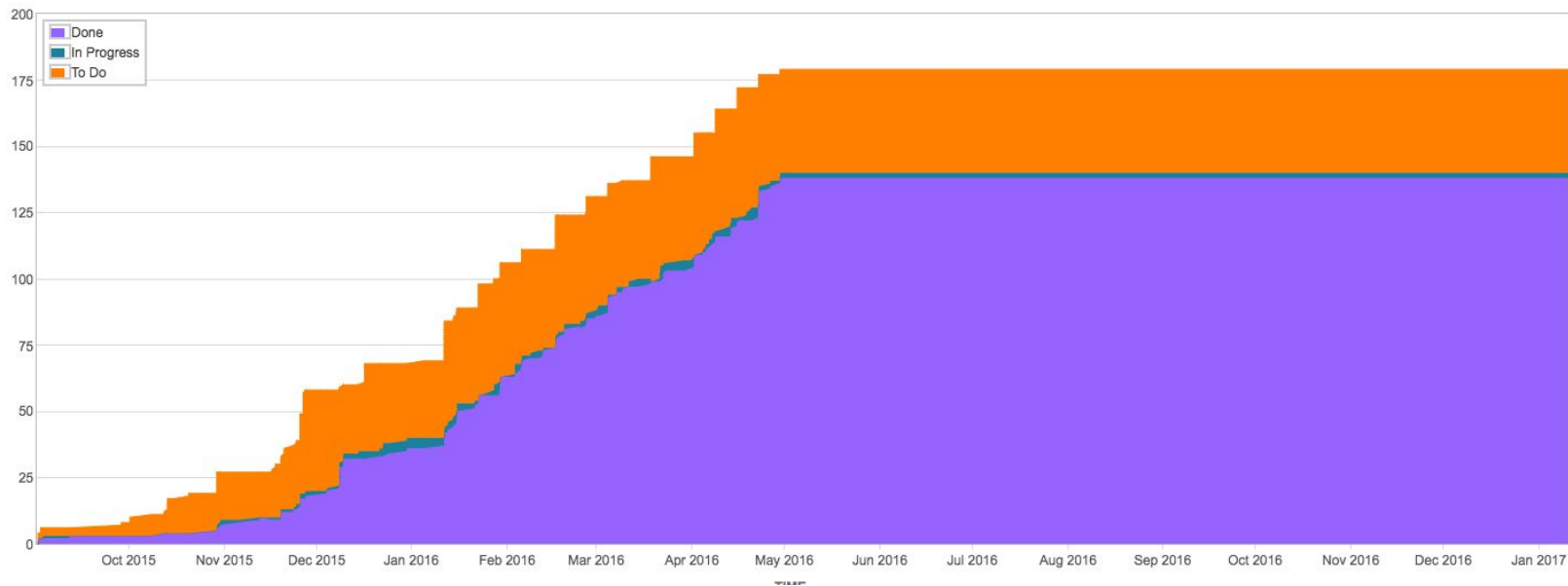
Cumulative flow diagram - sample



Cumulative flow diagram - sample



Cumulative flow diagram





Kanban - Thank you for your attention

Sources

<https://www.amazon.com/Adaptive-Code-principles-Developer-Practices/dp/1509302581>

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<http://leanguru.pro/the-cumulative-flow-chart-cfd-in-a-nutshell/>