## How kanban saved a Salvation Army hospital in Indonesia Twice!

Marcus Hammarberg
@marcusoftnet





#### Cash flow

#### Cash flow

Salaries

#### Cash flow

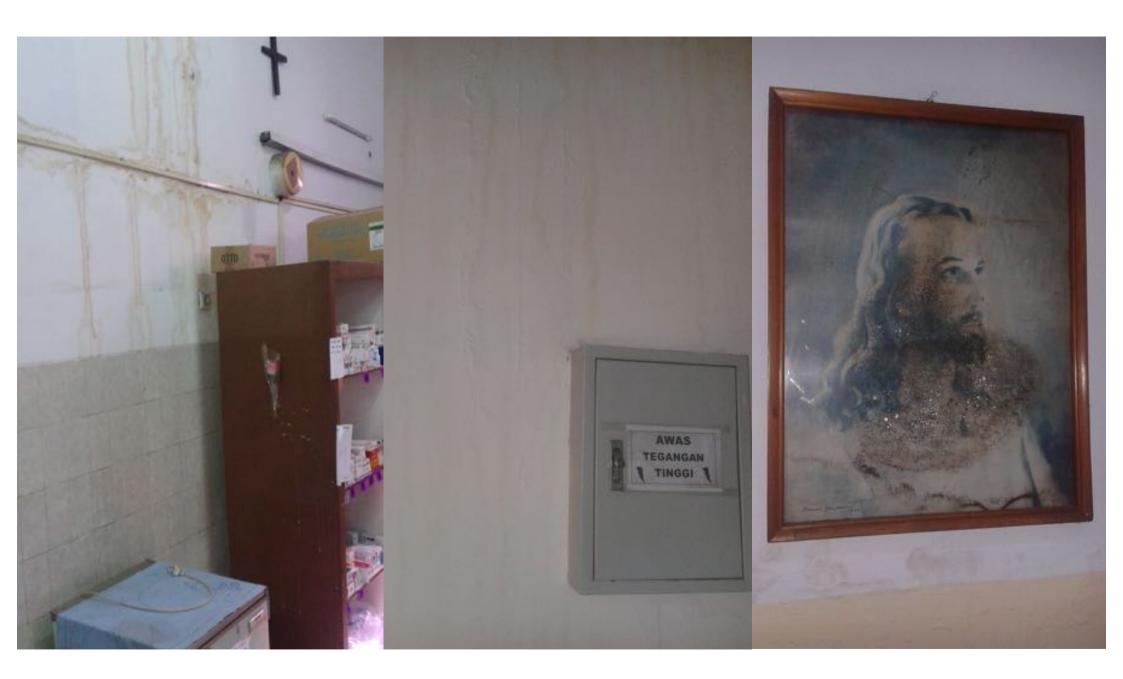
#### Operational permit

Salaries

















### HOW KANBAN SAVED A SALVATION ARMY HOSPITAL IN INDONESIA

TWICE!



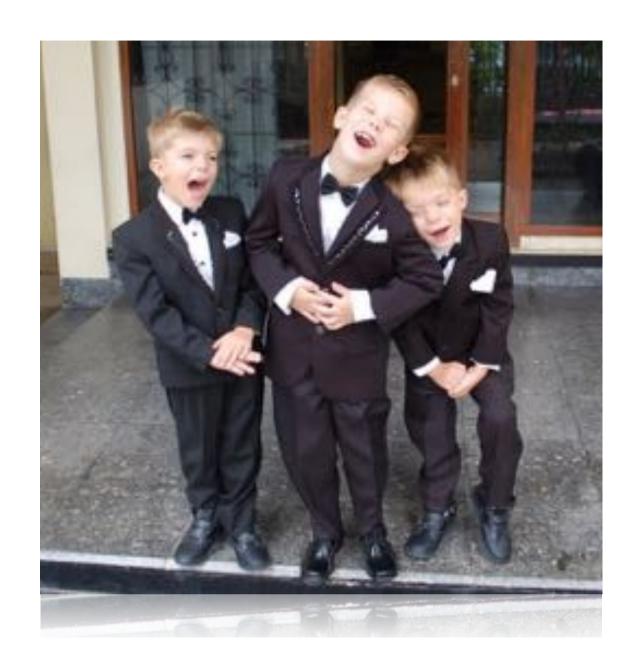


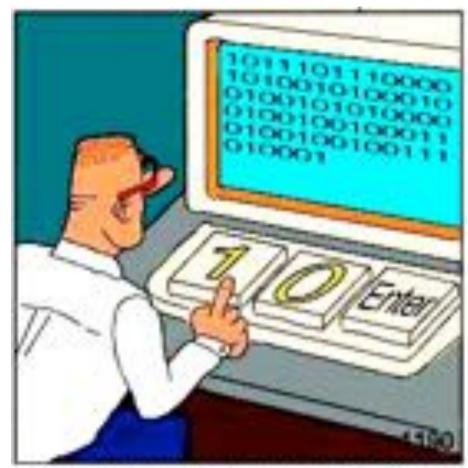
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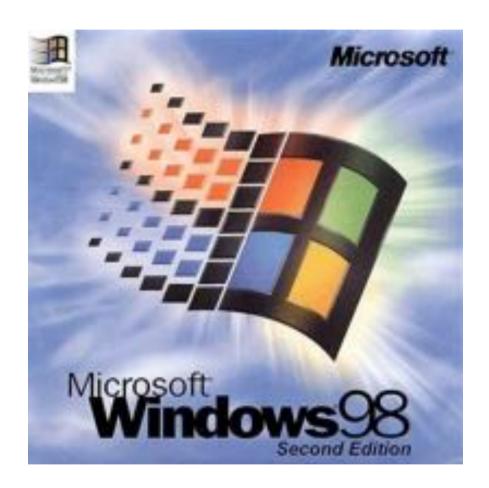








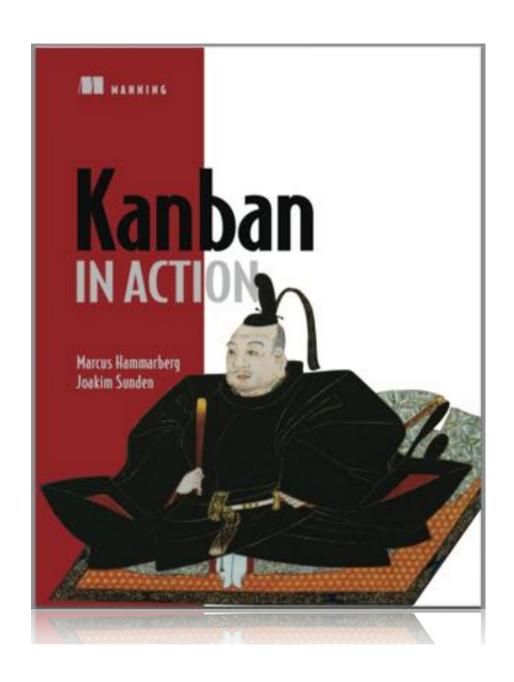
REAL Programmers code in BINARY.











Use code ctwlkna l 6 at manning.com 40% off





- Start with what you do now - Agree to pursue evolutionary change - Initially, respect current roles, responsibilities and job titles

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- Start with what you do now

- Agree to pursue evolutionary change

- Initially, respect current roles, responsibilities and job titles - Visualize

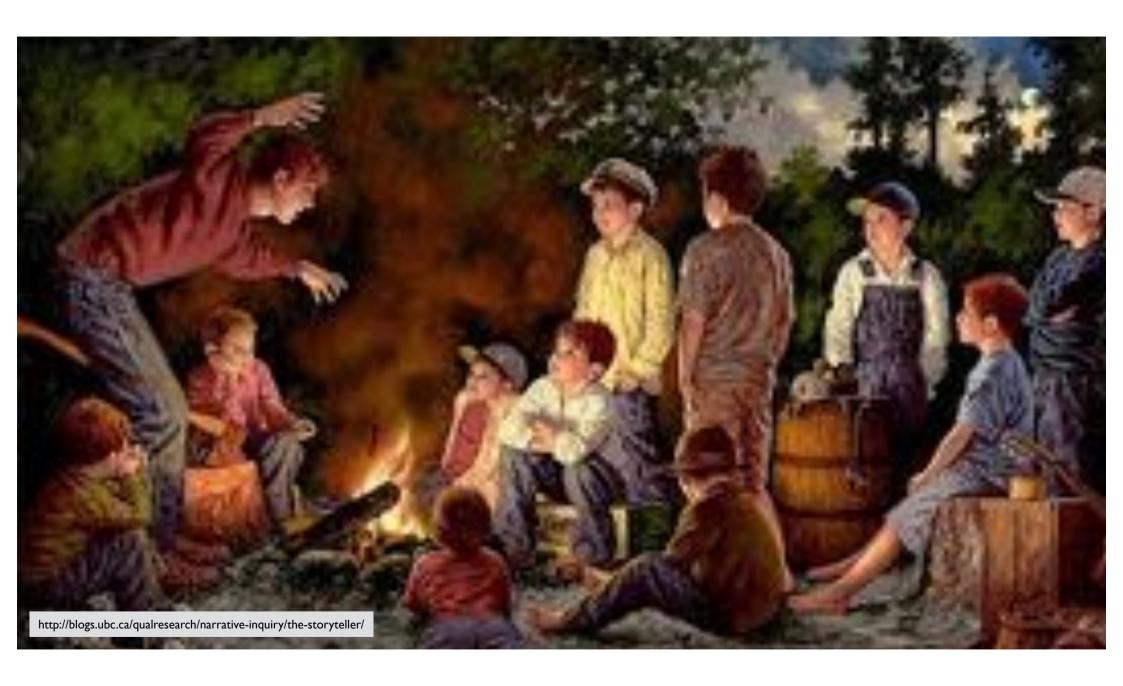
- Limit WIP

- Manage Flow

- Make Process Policies Explicit

- Implement Feedback Loops

- Improve Collaboratively, Evolve Experimentally

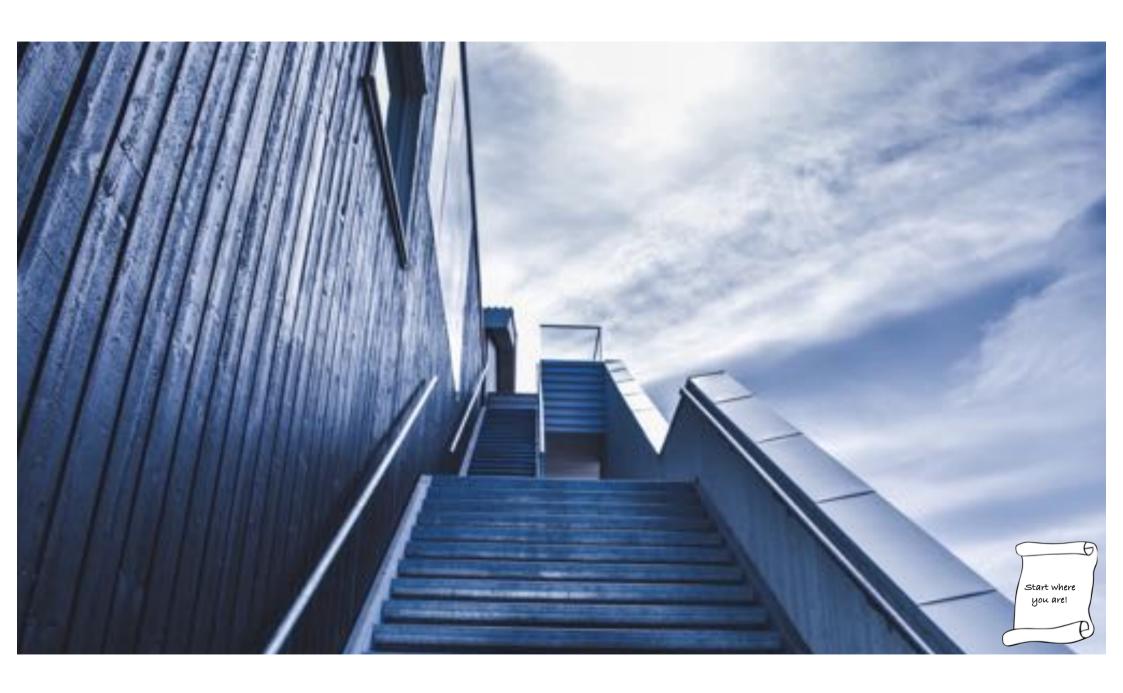


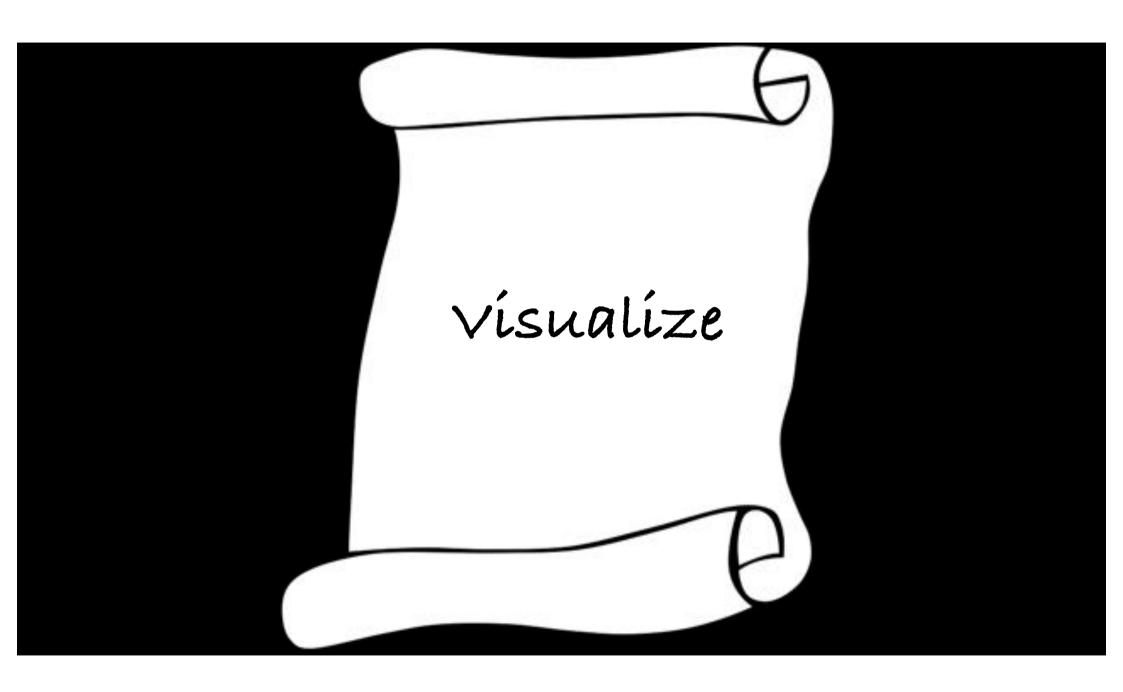














visualize

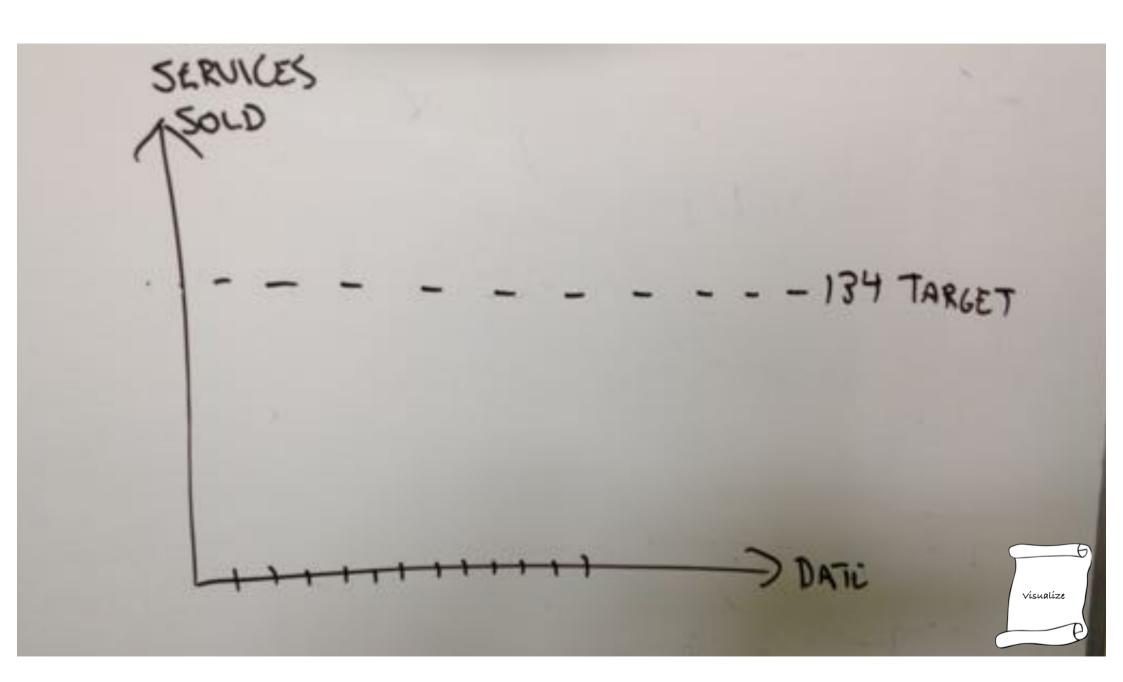


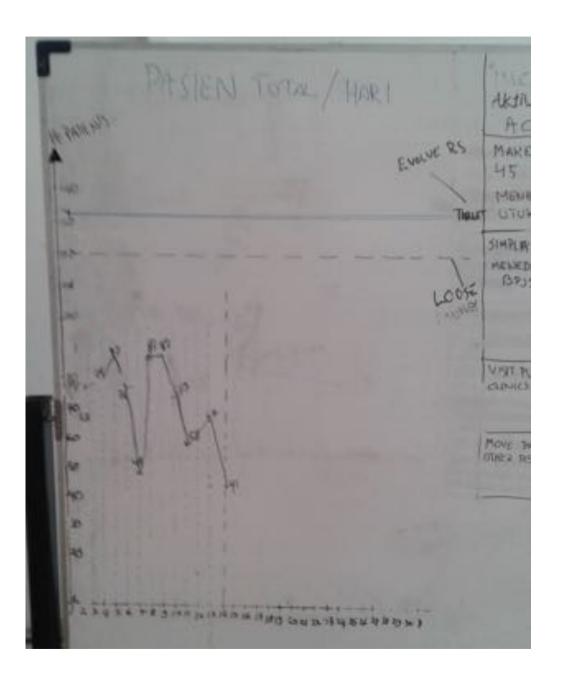


## 12.500.240.000 Rp.









vísualíze



## Start where you are

Understandable

Visualised

Transparency

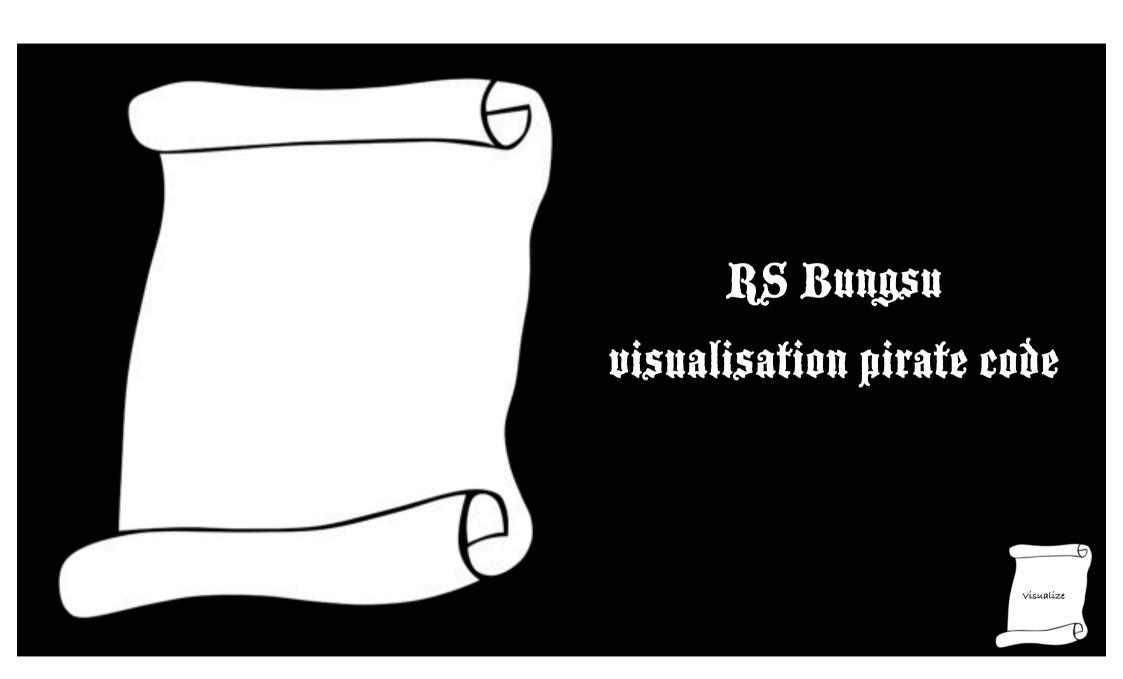
Indicator and trends

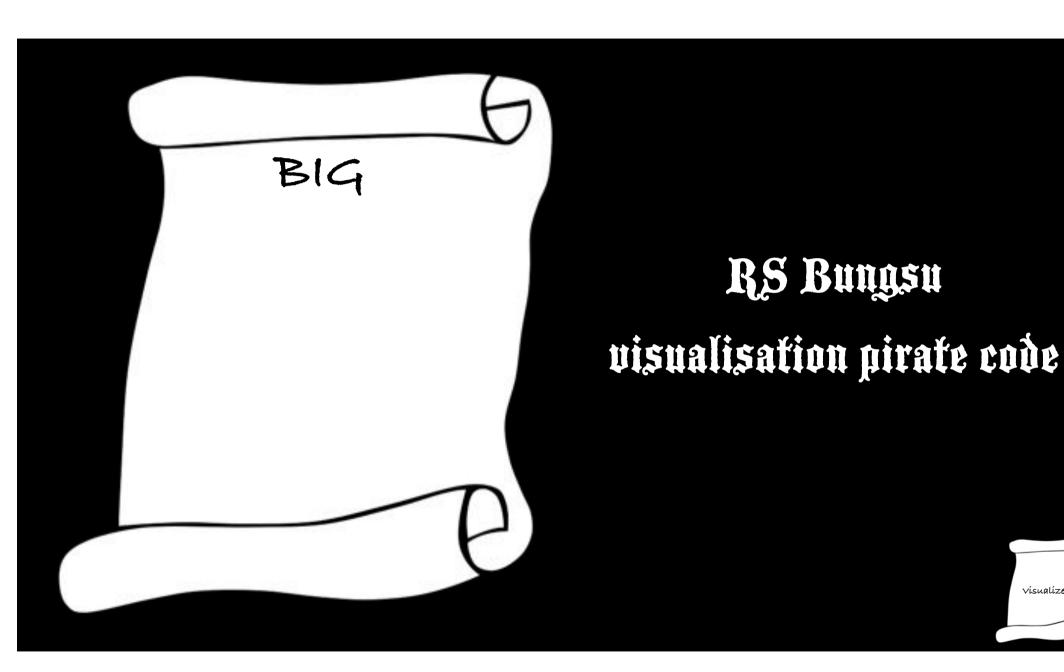




The code is more what you'd call "guidelines" than actual rules







vísualíze







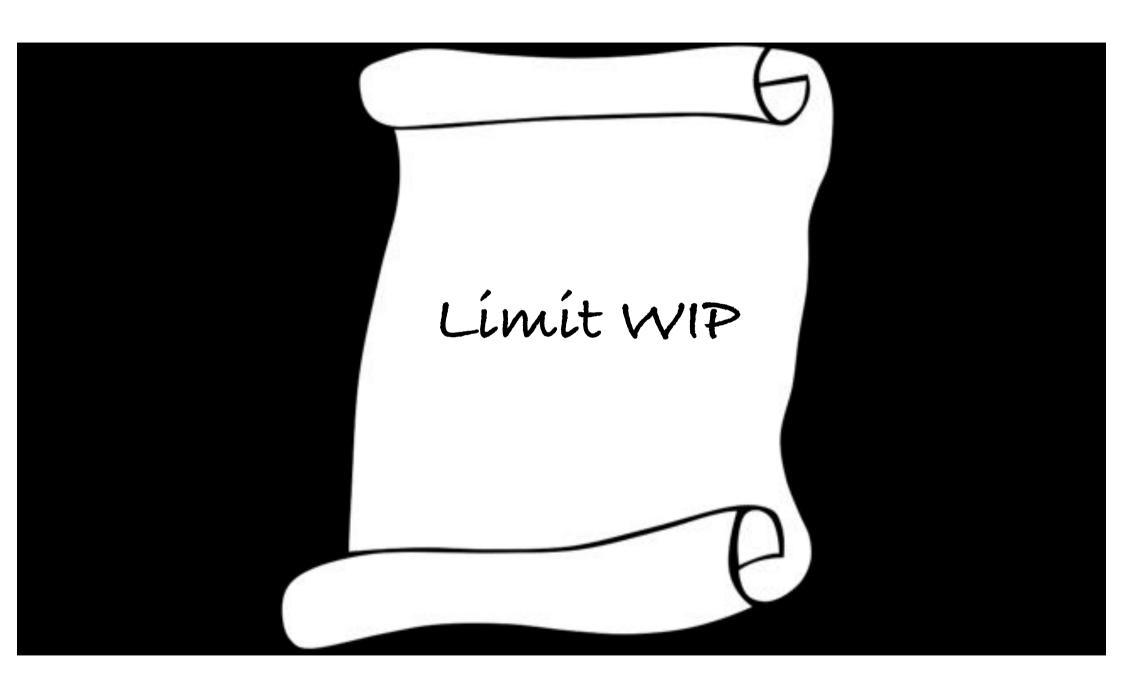


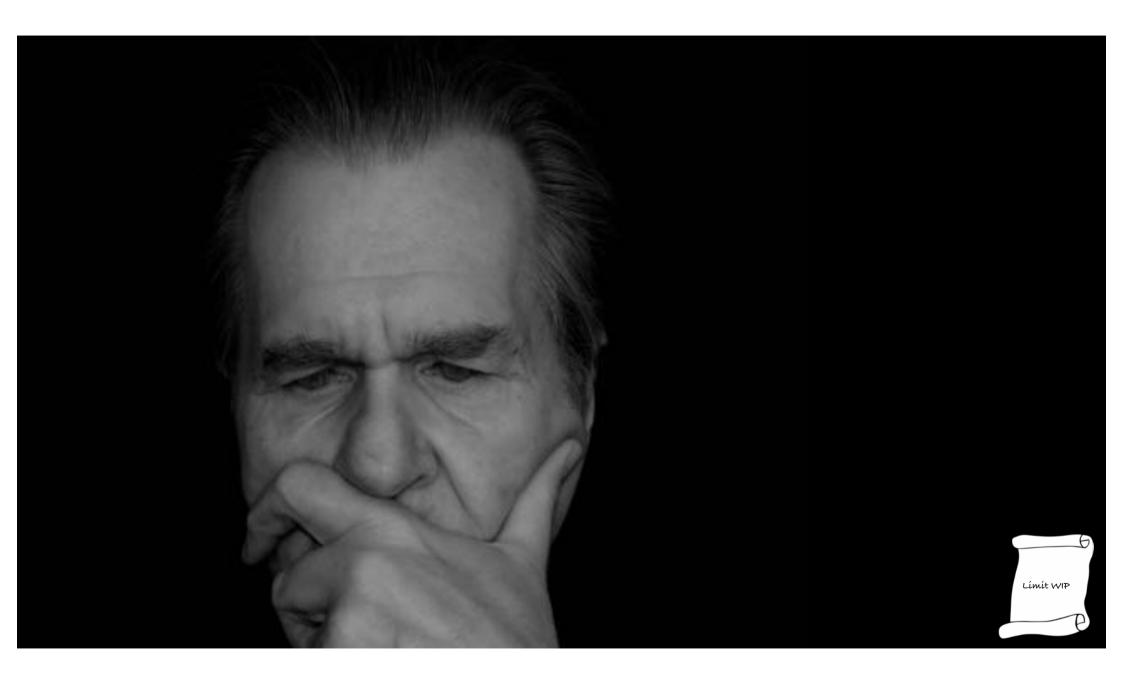








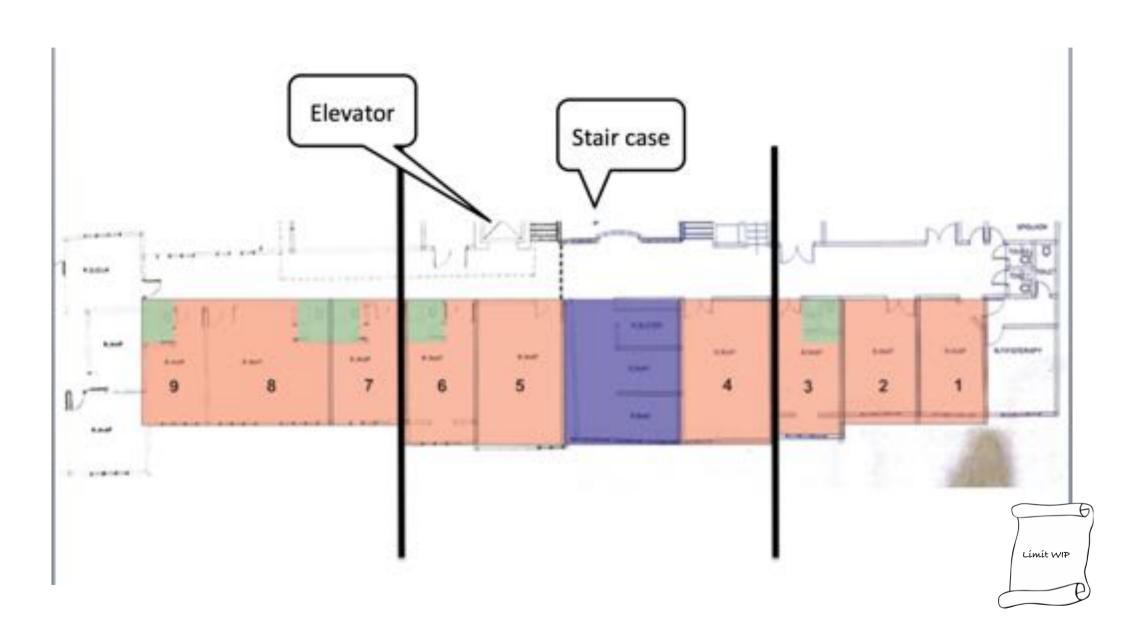


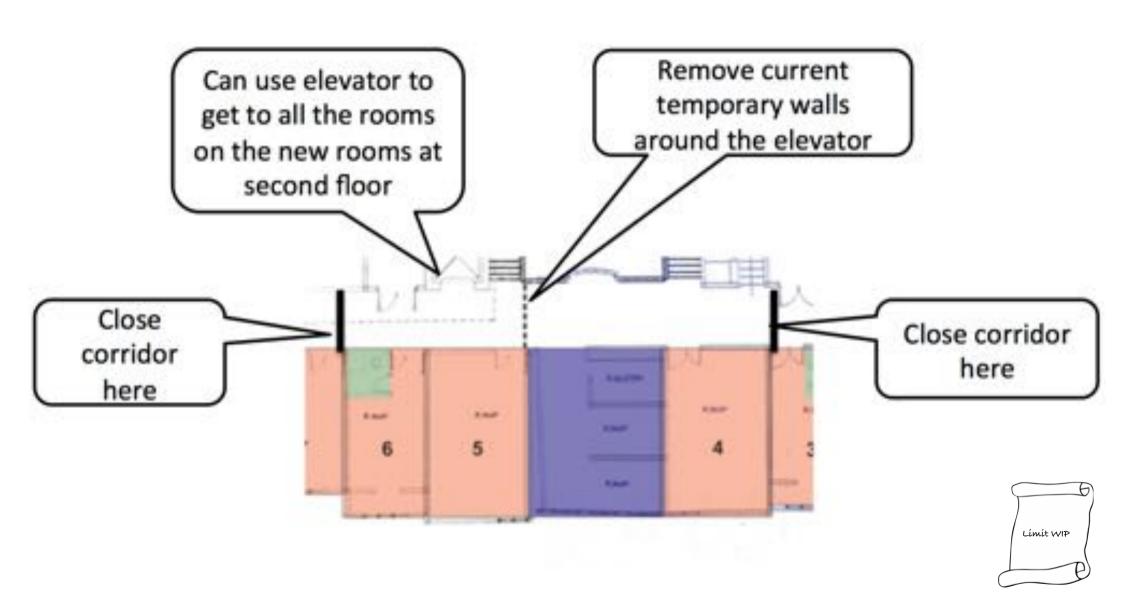








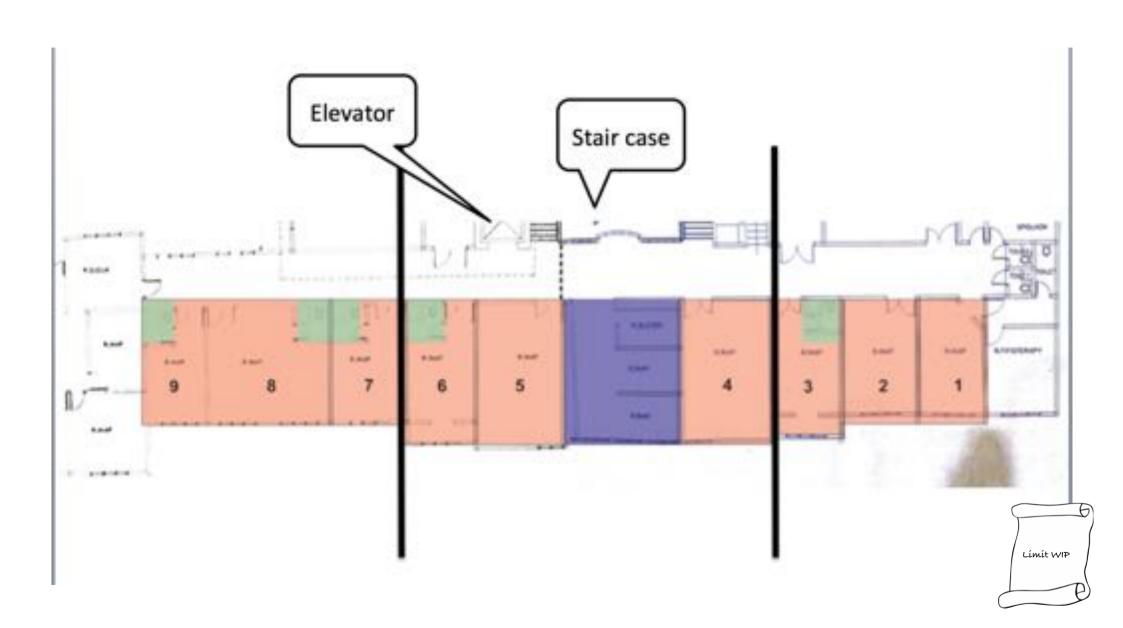


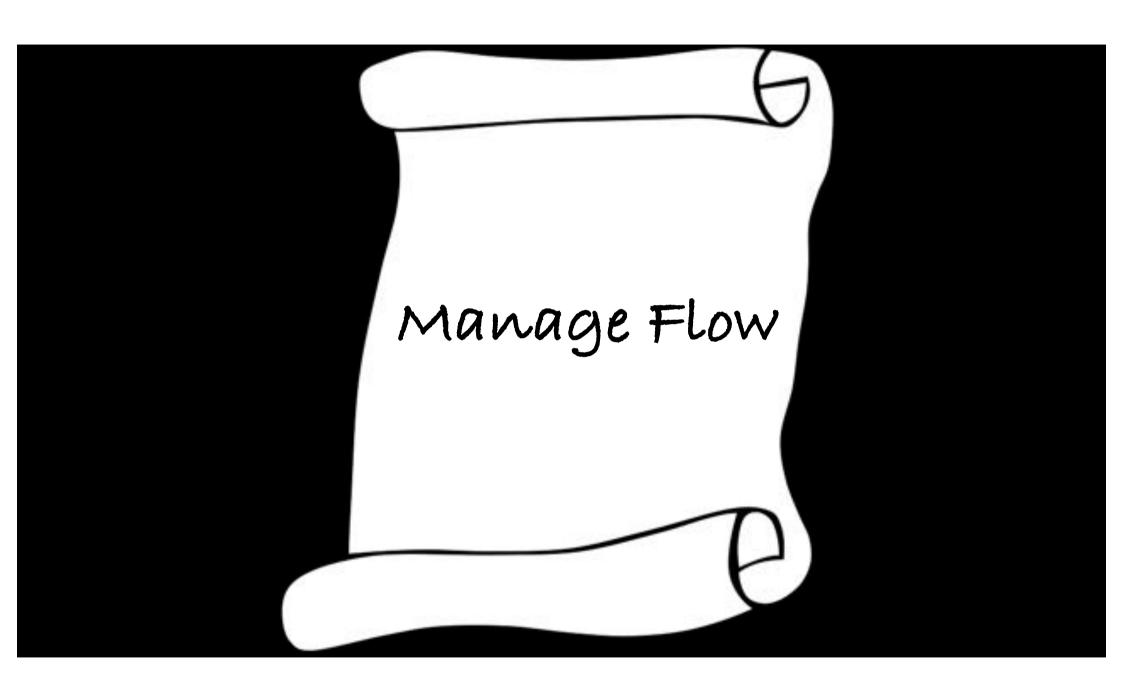




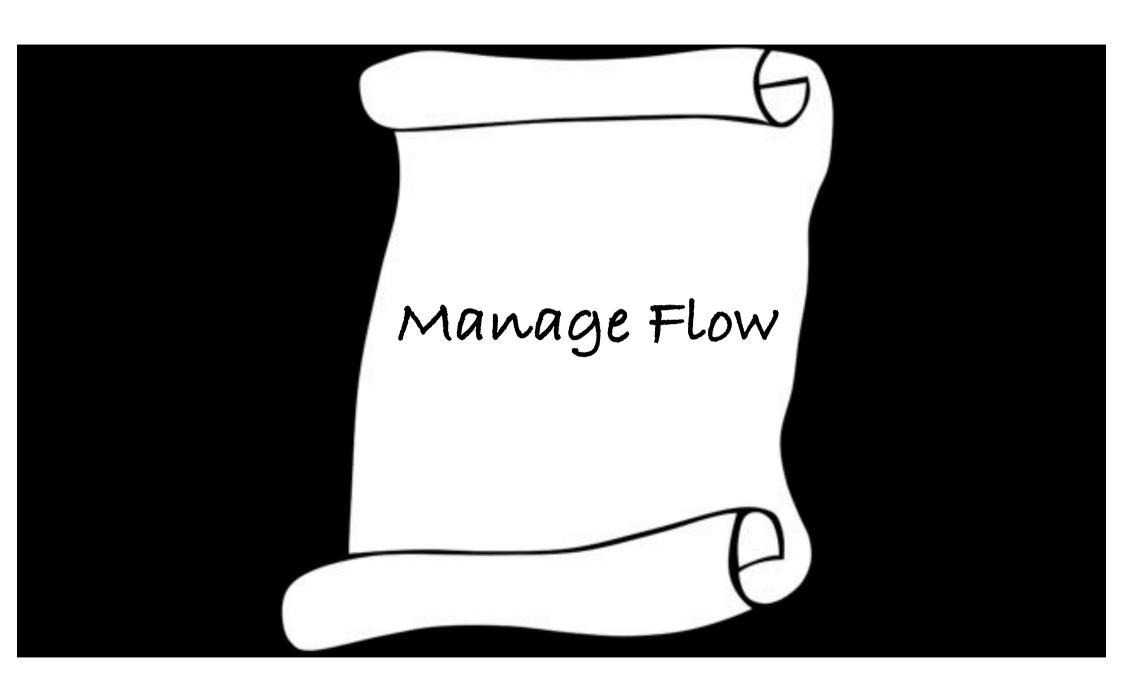




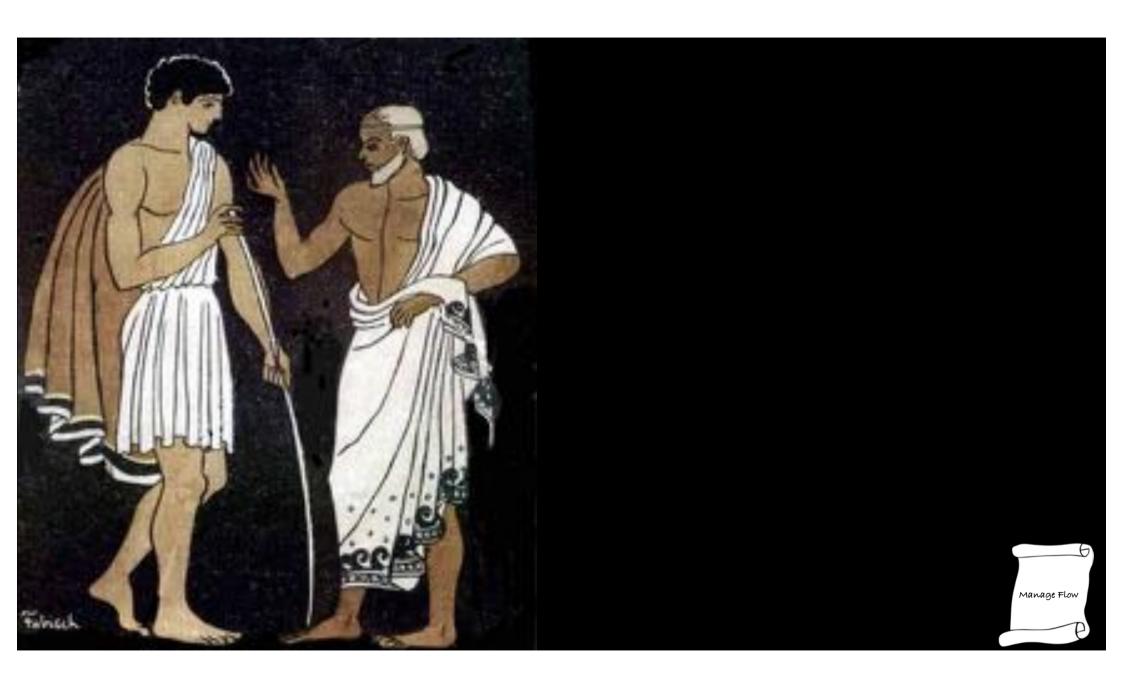
















Make Process Polícies Explicit



Make Process Polícies Explicit

#### Move authority to the information







# Make policies explicit



## Limit work in process





#### Marcus Hammarberg

@marcusoftnet



Introducing #kanban made a person cry of relief today. Never had that before, but I guess 10 years of being swamped with work wears you down

6:34 AM - 21 Sep 2015



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#### The outcome?









Move authority to the information



Move authority to the information Trust, transparency & accountability



Move authority to the information Trust, transparency & accountability Make policies explicit



Move authority to the information

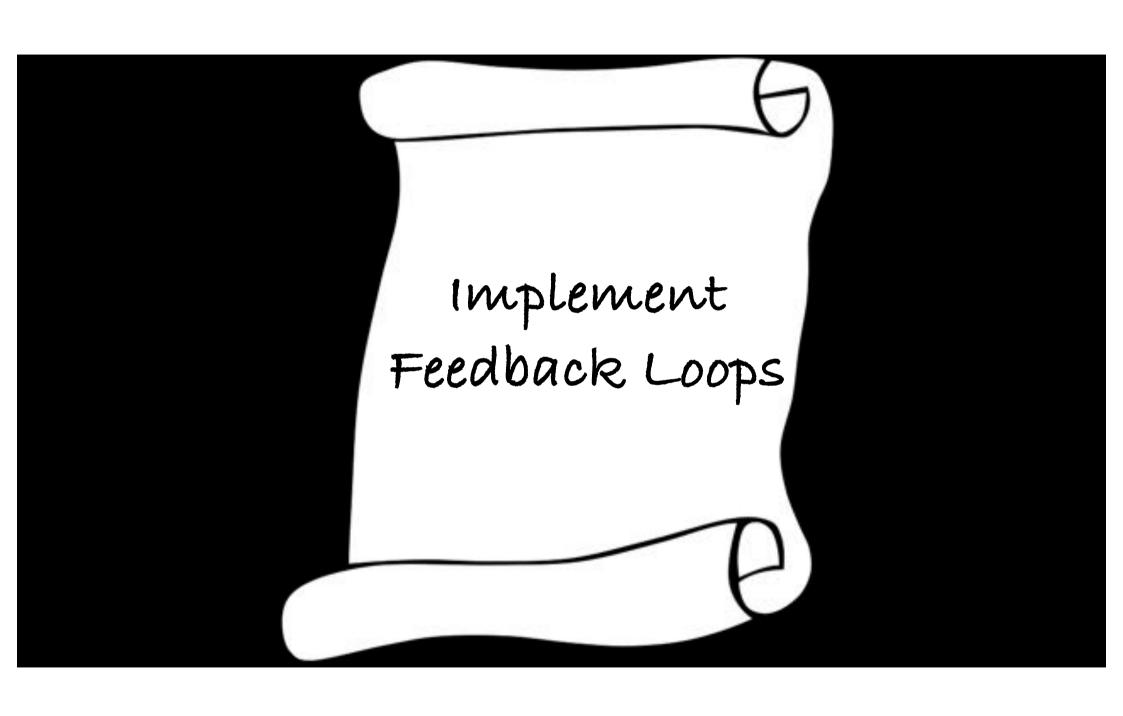
Trust, transparency & accountability

Make policies explicit

Limit work in process

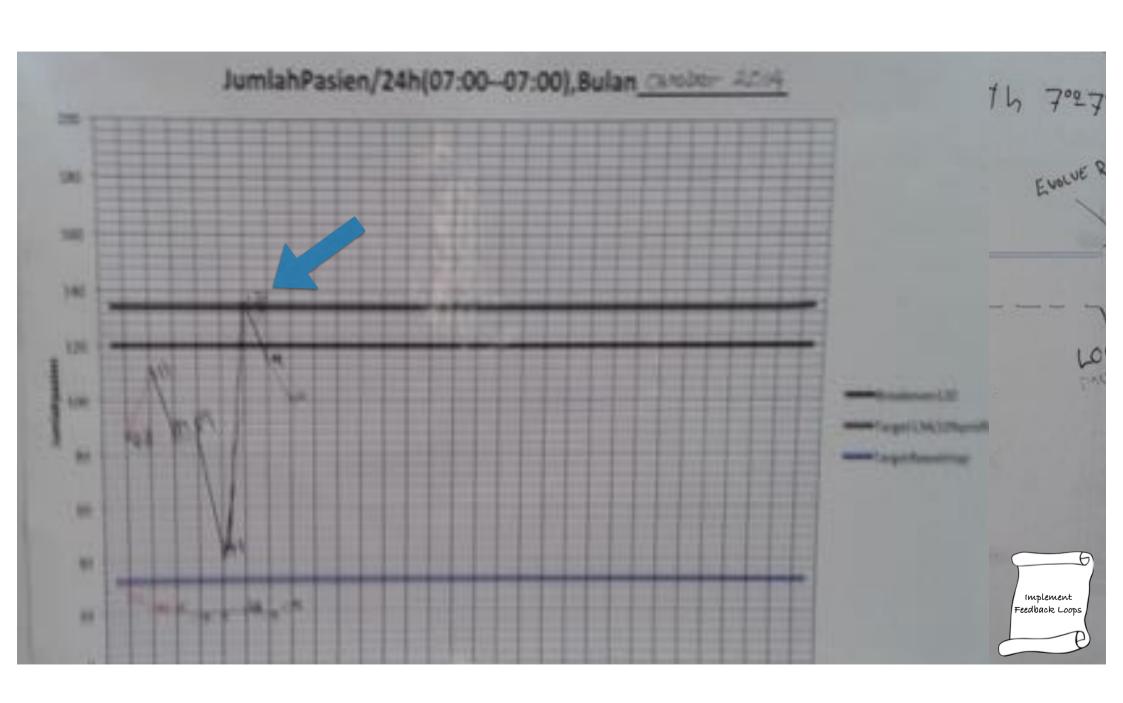


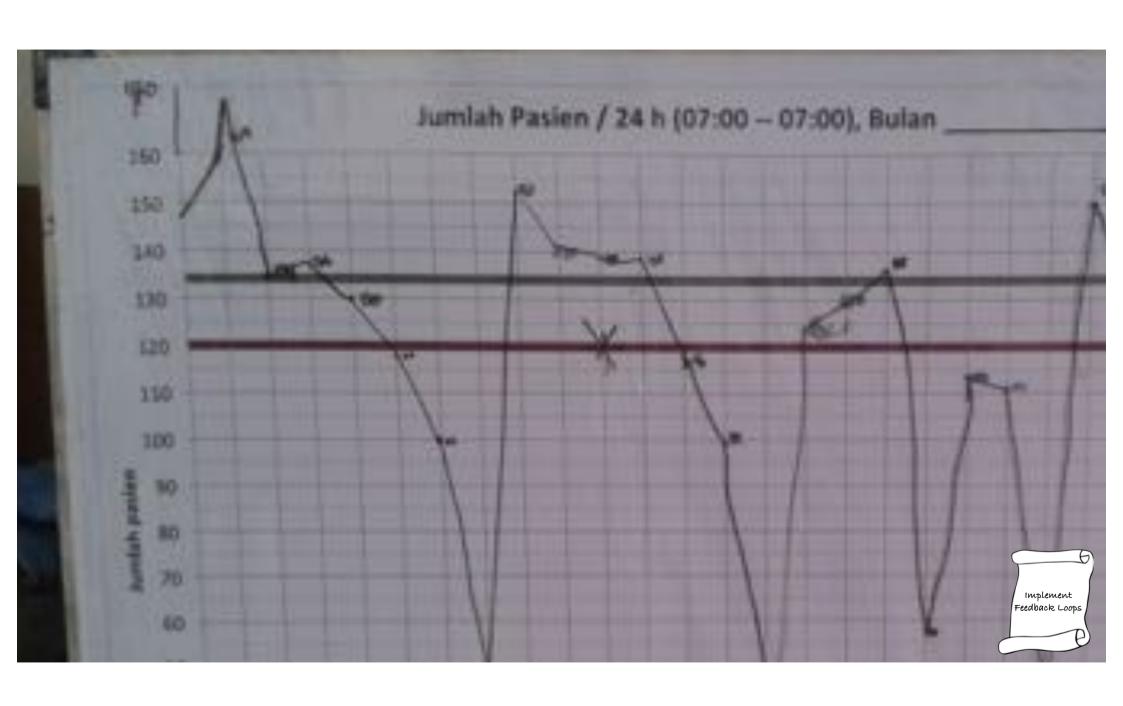




Implement Feedback Loops

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### What is the goal of a hospital?



Implement Feedback Loops Number of patients served (finance)

Quality



Number of patients served (finance)

Medical Quality

Staff satisfaction



Number of patients served (finance)

Medical Quality

Staff satisfaction



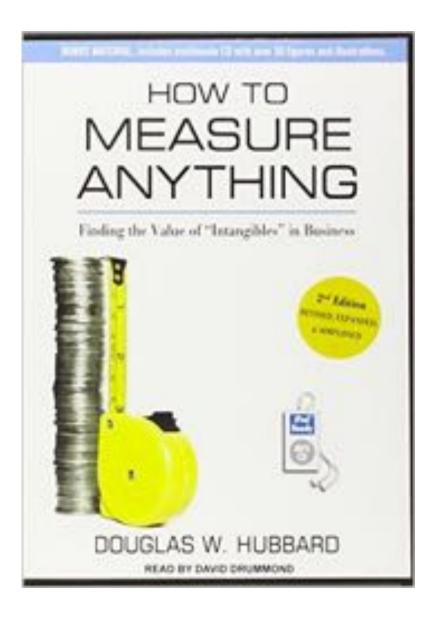
Number of patients served (finance)

Medical Quality

Staff satisfaction

Pastoral quality





Implement Feedback Loops

Implement Feedback Loops Number of patients served (finance)

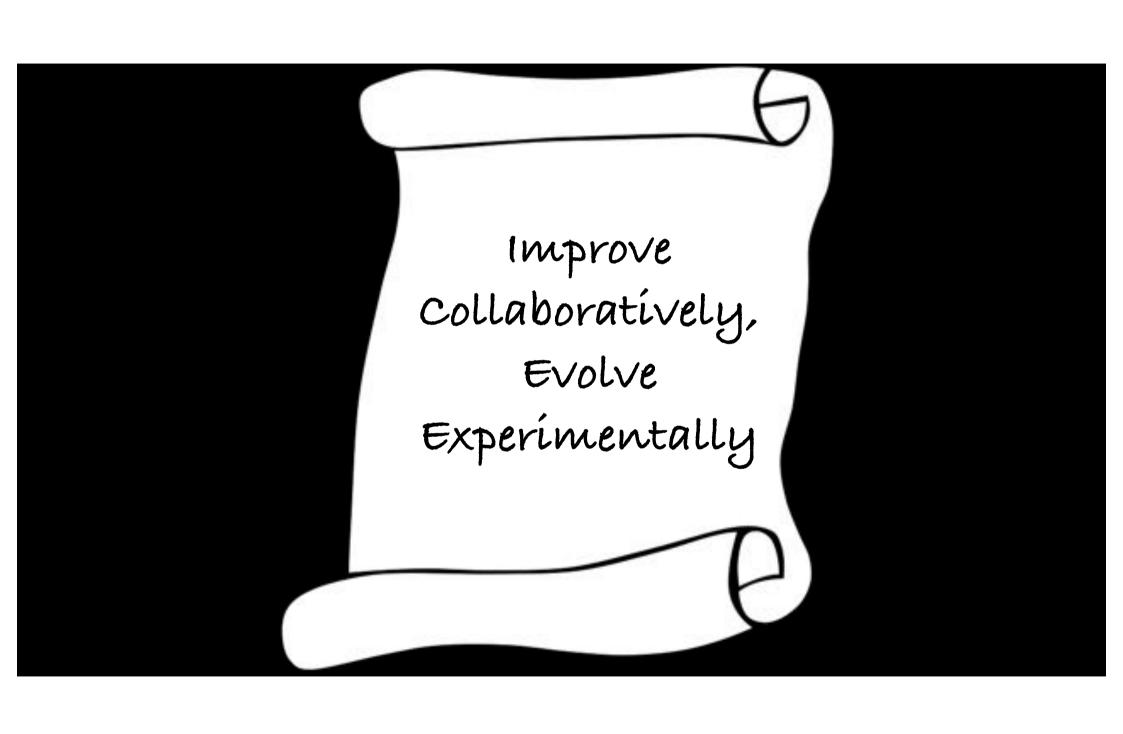
Medical Quality

Staff satisfaction

Pastoral quality







#### Income

Profit - Yah!

Cost



### Profit - Yah!

Income - Cost

Improve Collaboratívely, Evolve Experimentally

- Cost Income Profit - Yah!

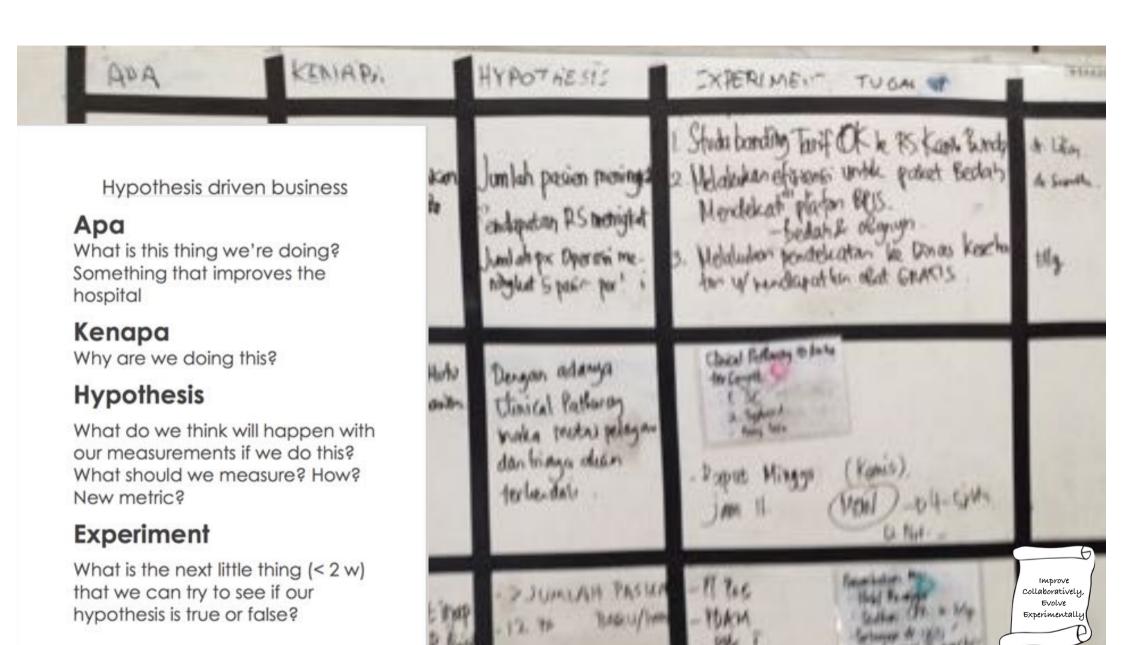
Improve collaboratively, Evolve Experimentally

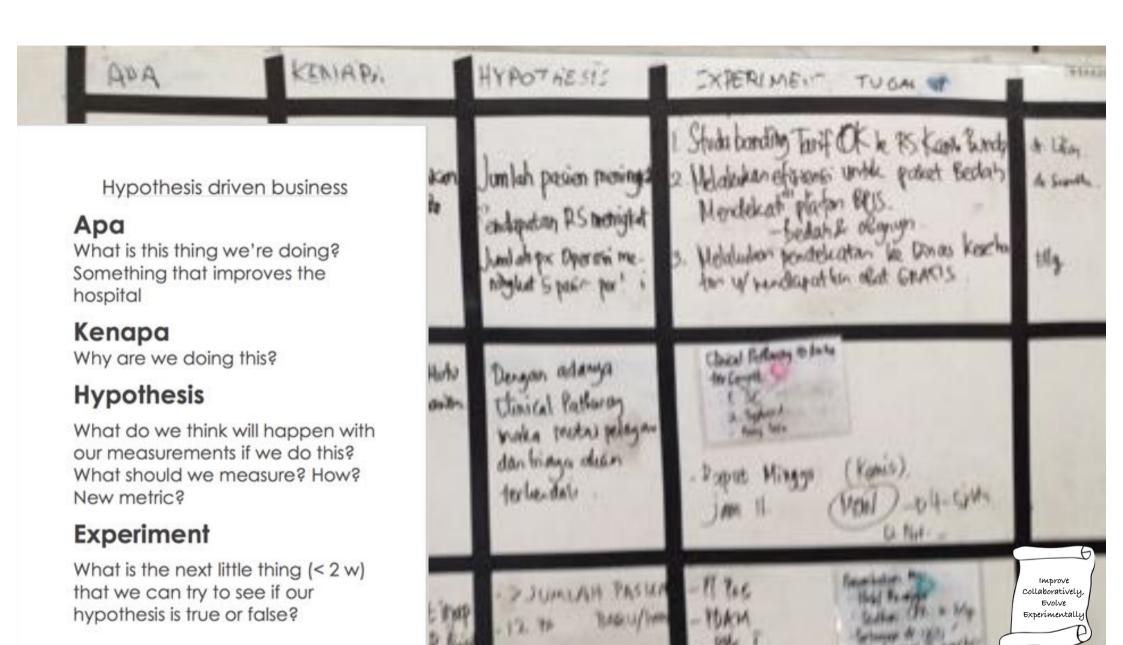
#### Cost

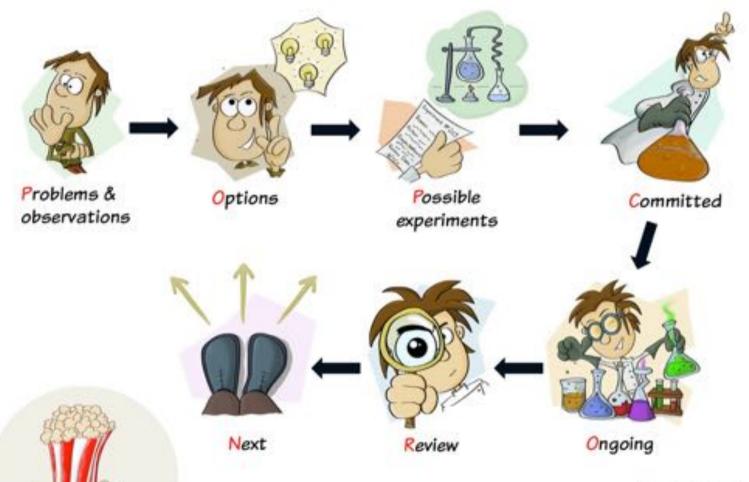
Income

Improve Collaboratívely, Evolve Experimentally

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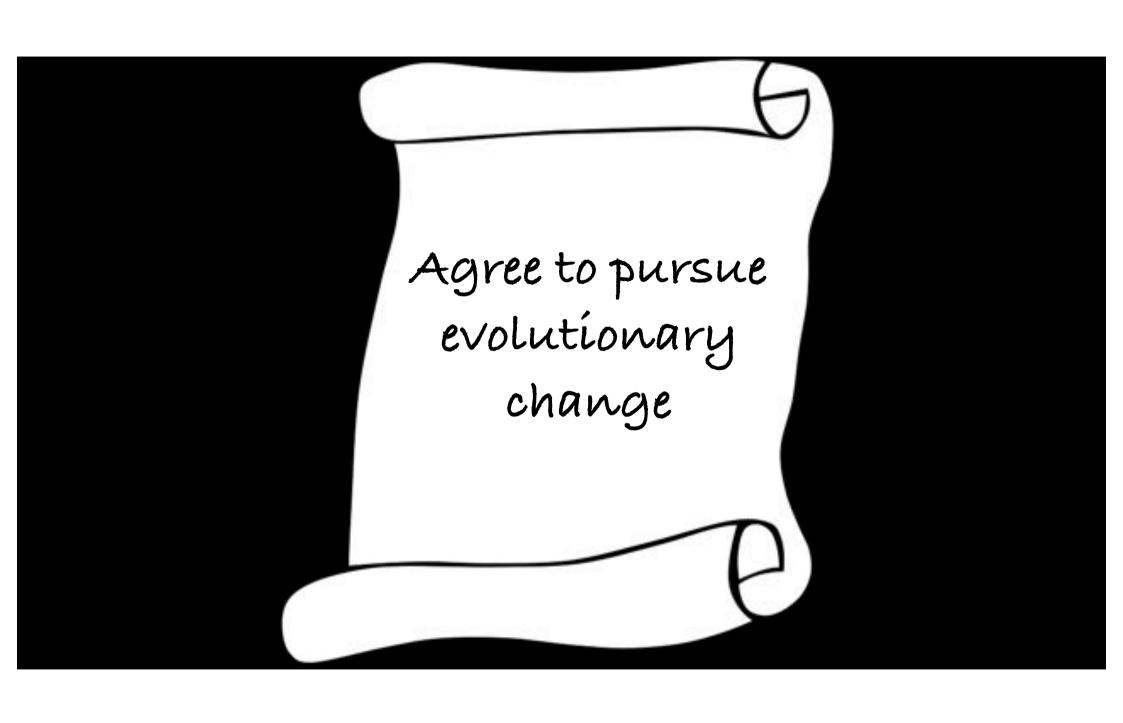


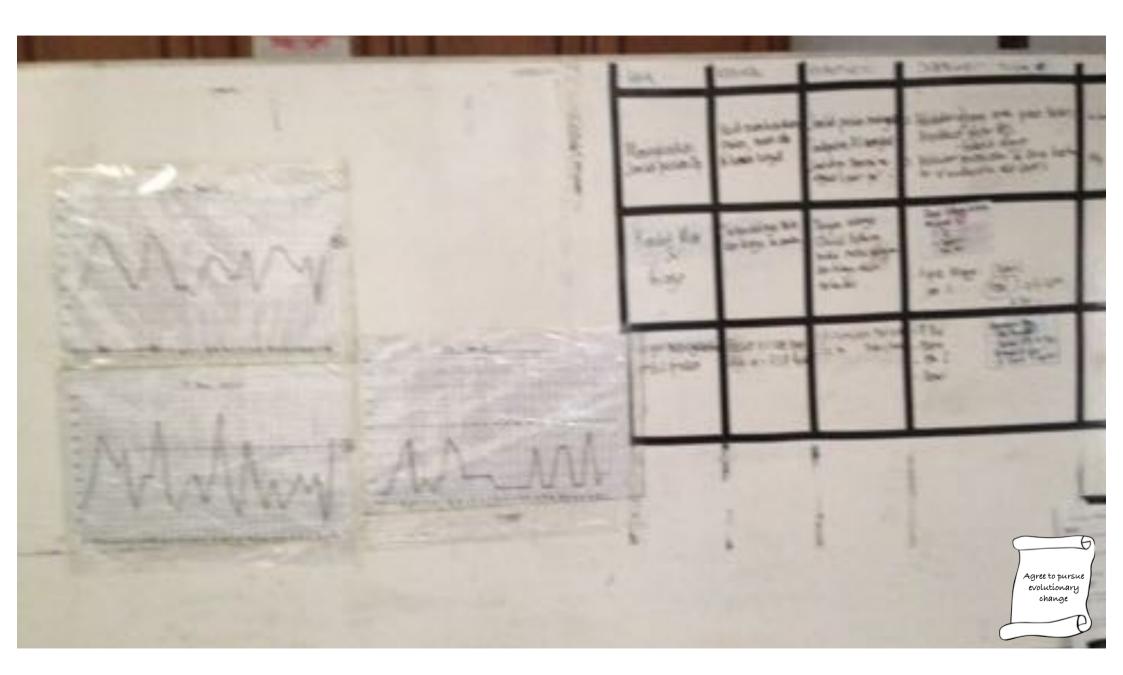


PopcornFlow











# THEEND







# The Bungsu Story How To Use Lean & Kanban To Quickly Boost Results For Any Business, Beyond The I.T. Department...

The Unlikely Story Of How Lean And Kanban Quickly Saved A Failing Hospital In Indonesia



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