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Lean Thinking in IT

Marie-Pia IGNACE – Institut Lean France
mp.ignace@leanfrance.fr

Paris, France
16 & 17 October, 2014

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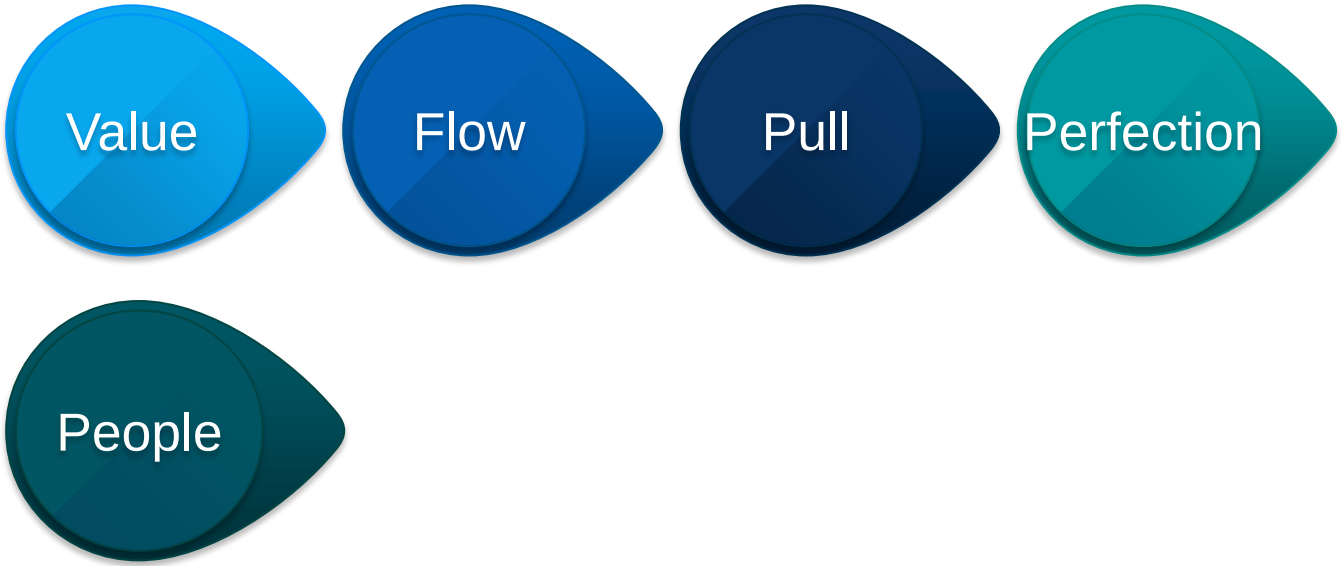

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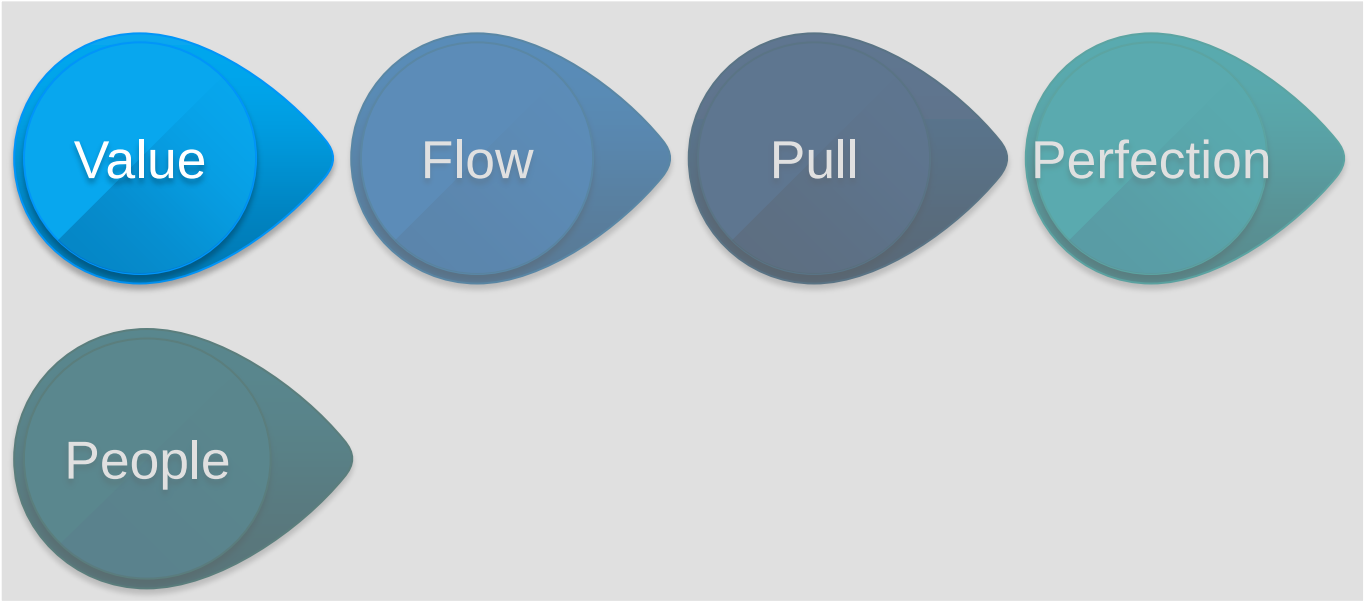


Who are your clients?

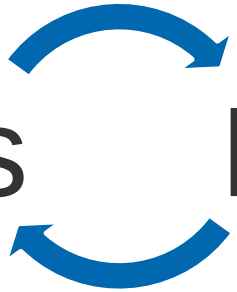
Clients

Employees

Functions

Us

Who are your clients?

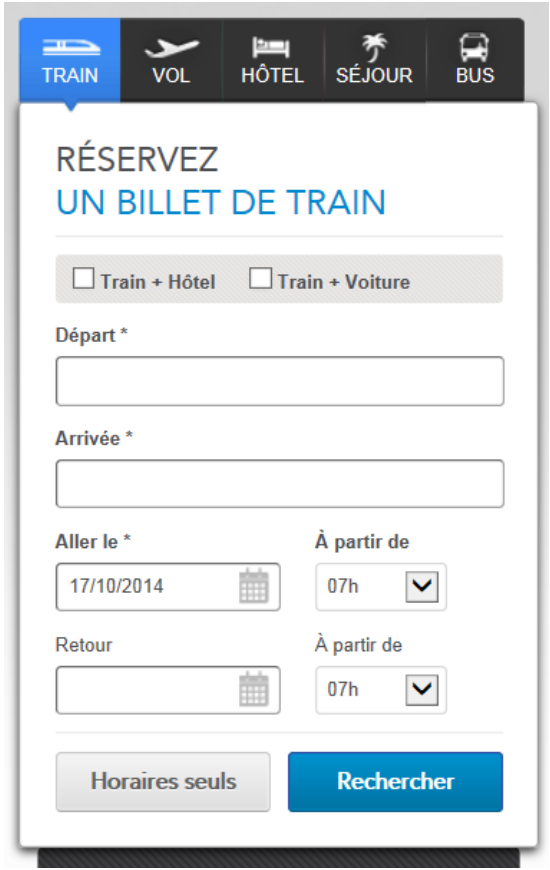
Clients  Business

Employees

Functions

What is your value?

What is your value?



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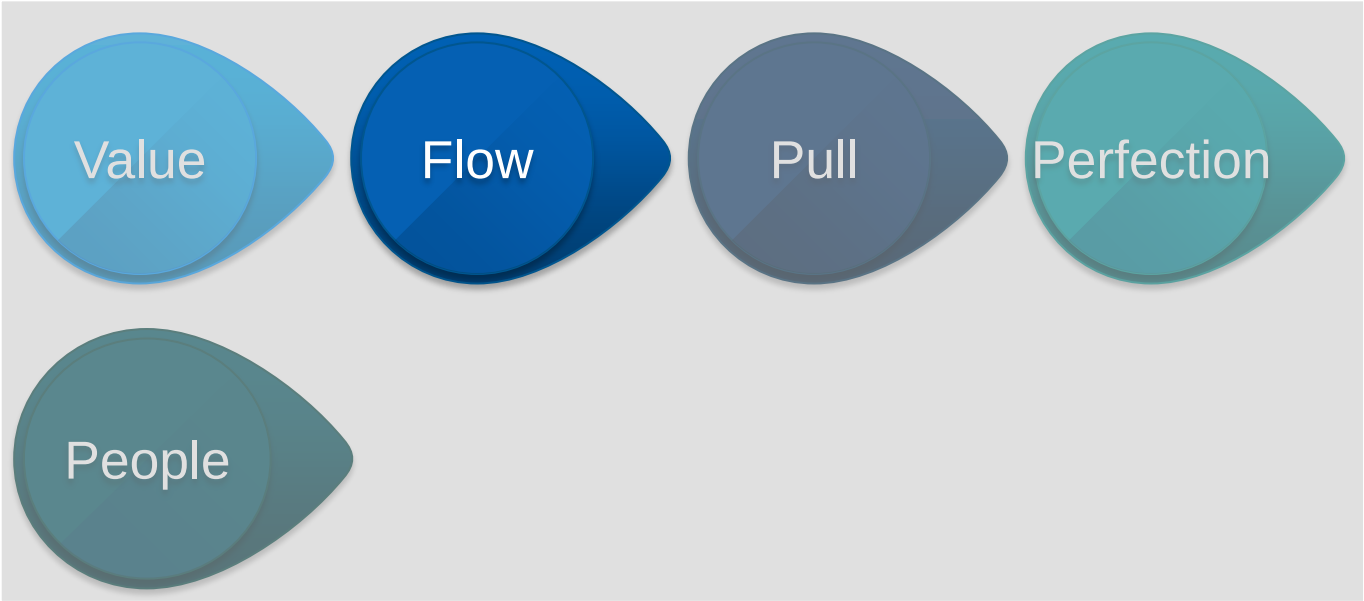
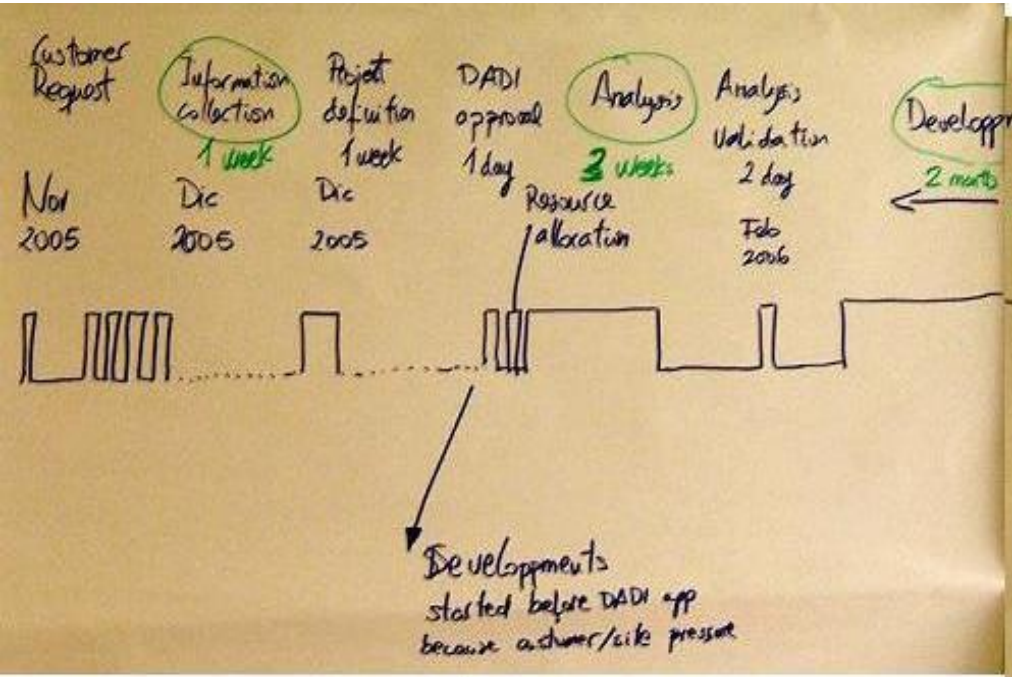
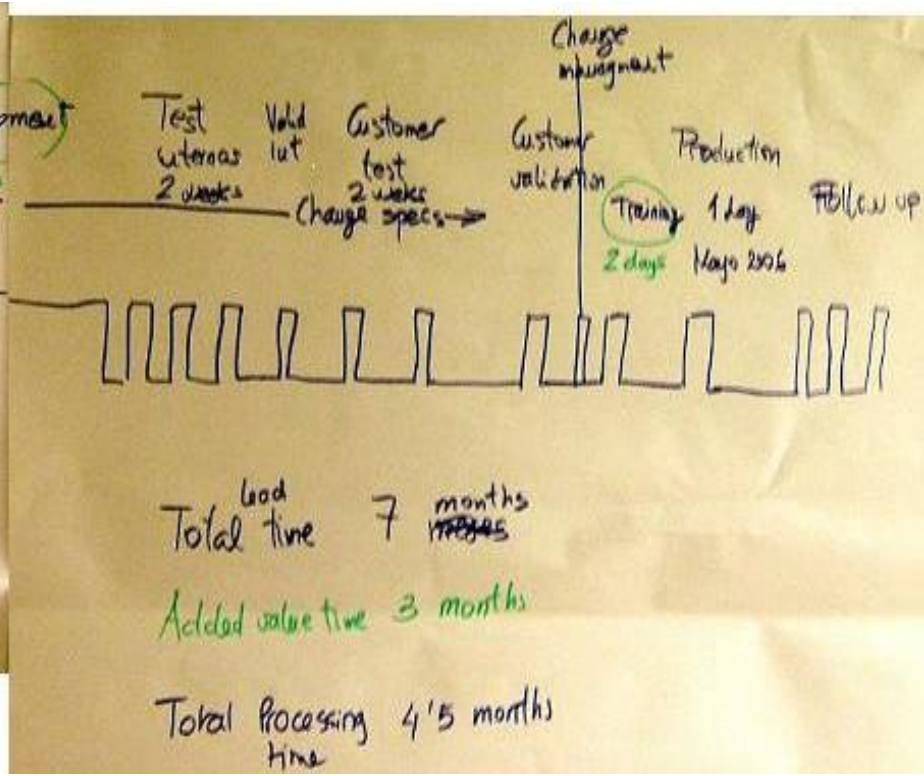


Flow is for velocity





Extract from C. Chabiron -
http://www.lean.enst.fr/wiki/bin/view/Lean/LesPresentations

Flow

1. Connect the dots

23 ➡ 1 days

2. Manage your red bins

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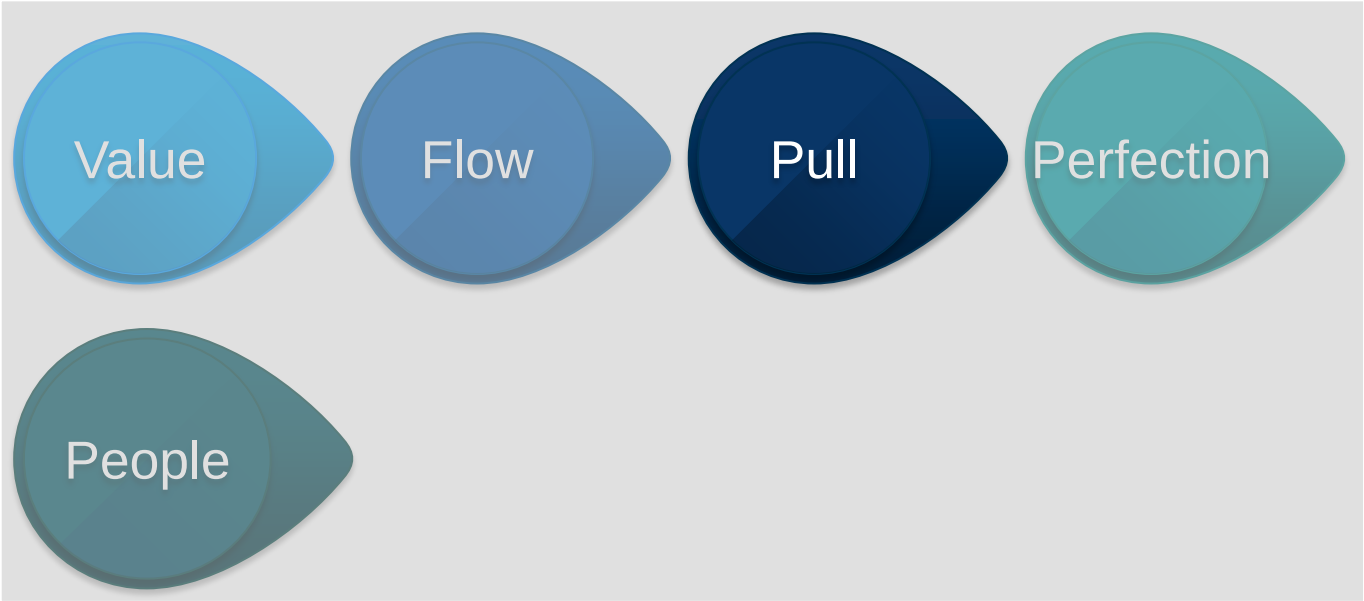

As fast as your client requests it

-

As late as possible

Pull

1. Calculate your takt time

+10 ➡ 0 days

2. Let it lead your process

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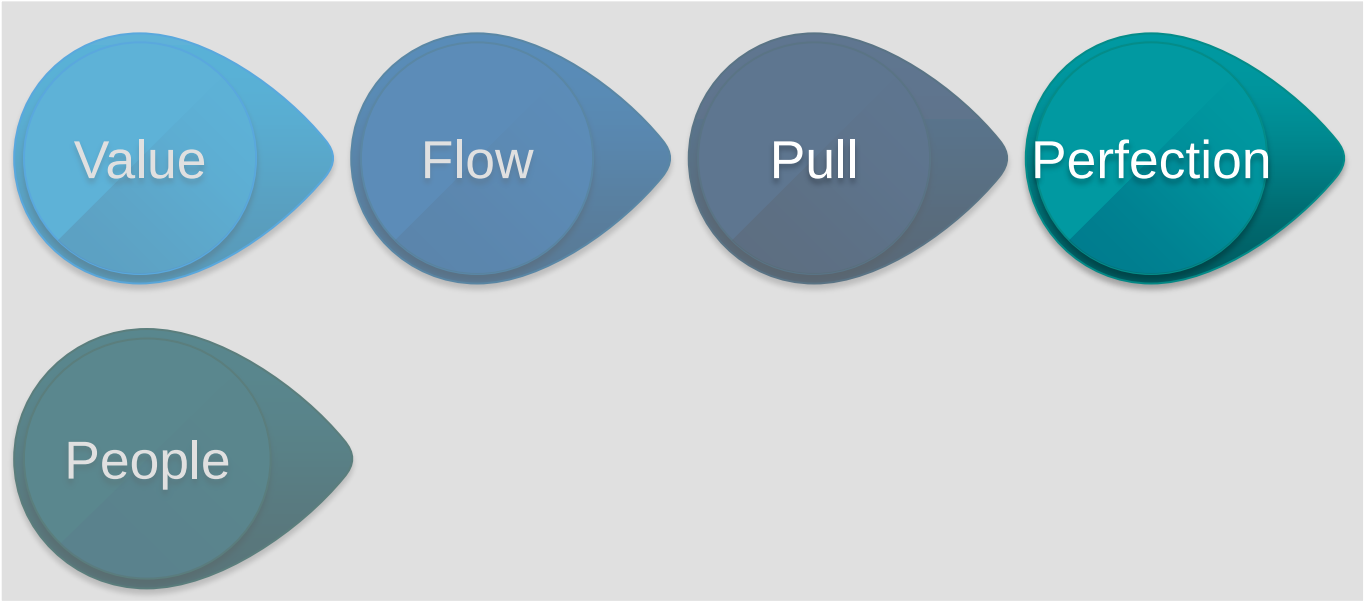


Marc Onetto served as a Senior Vice President of Worldwide Operations at Amazon.com

« Perhaps the biggest challenge I see is the application of lean management principles to software creation, which is highly complex, with numerous opportunities for defects.

…

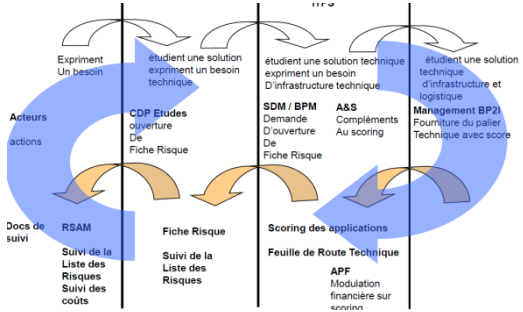
The only real testing happens once the software is completed, with the customer as a beta tester. To me, this is unacceptable; we would never do that with a washing machine. »

TPM in IT

Availability of the infrastructure

-

Count the 9



Year 0 – 98,993%

Year 1 – 99,373%

Year 2 – 99,696%

Quality
of the code
-
Count the
Kloc

eXtreme-Programming
Small batches
Reduce dependencies
SW/HW
Automated continuous
integration
Design-By-Contract

0.05 defects /Kloc

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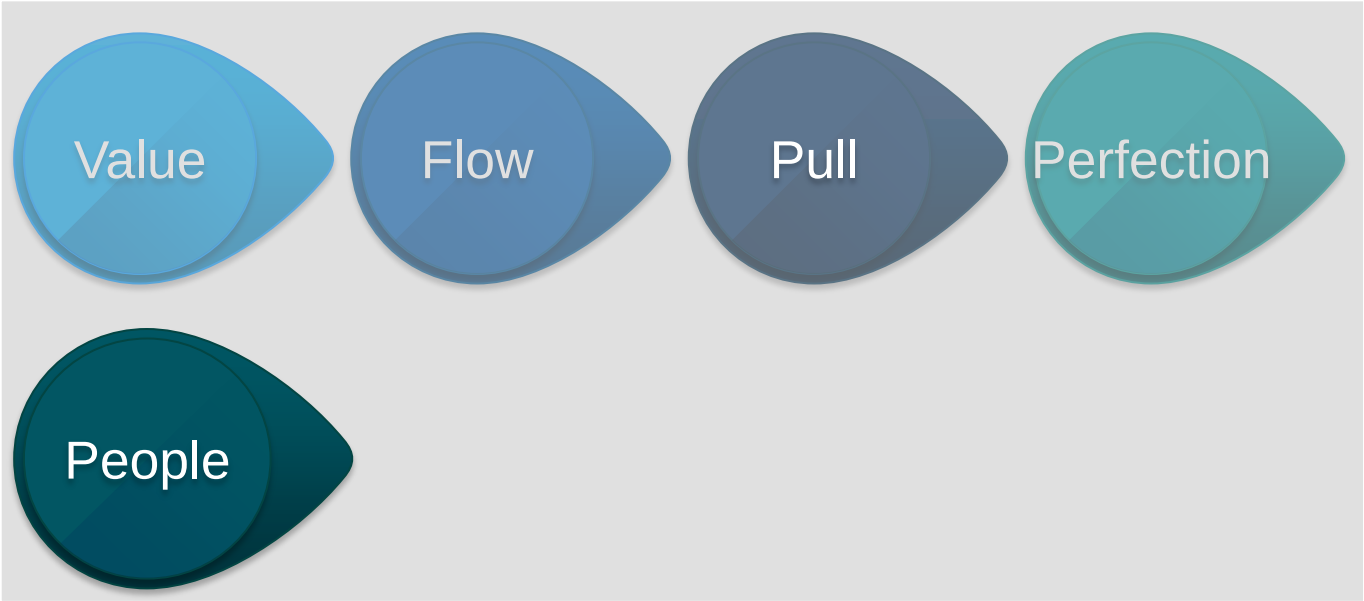

«I found what Toyota did so remarkable. The company thought about the assembly line as a way to get product out. But it also engaged people in solving problems. And that turned the company into a creative environment.»

Pixar's co-founder Ed Catmull

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