

Inspections considered obsolete in iterative development

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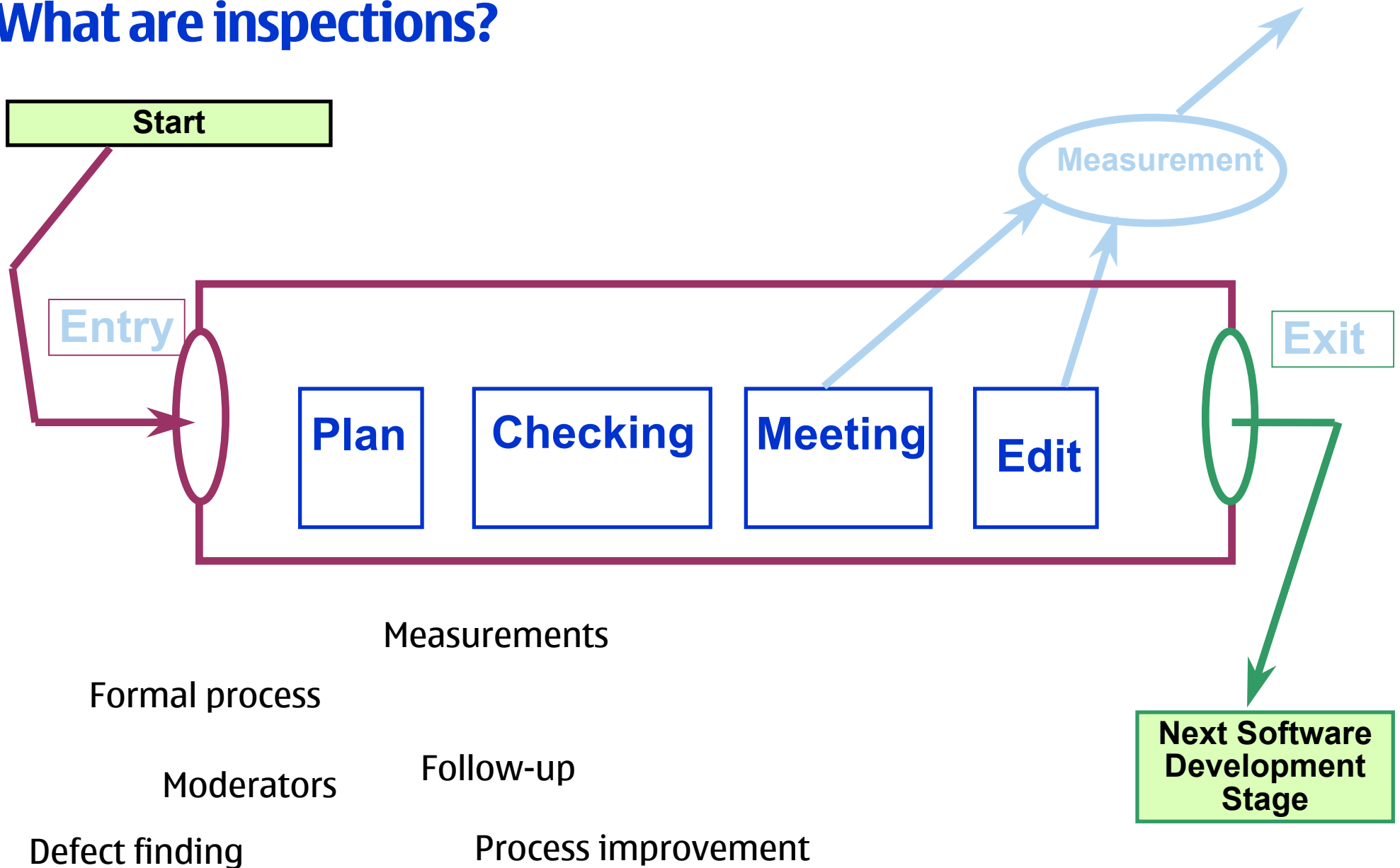


Content

- What are inspections
- Quick introduction to Lean and value stream maps
- Value steam mapping attempts on inspections
- Other difficulties and alternatives



What are inspections?



What is lean?

Value

Value stream

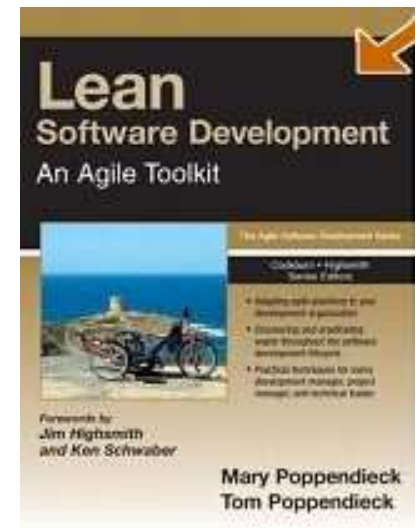
Flow

Pull

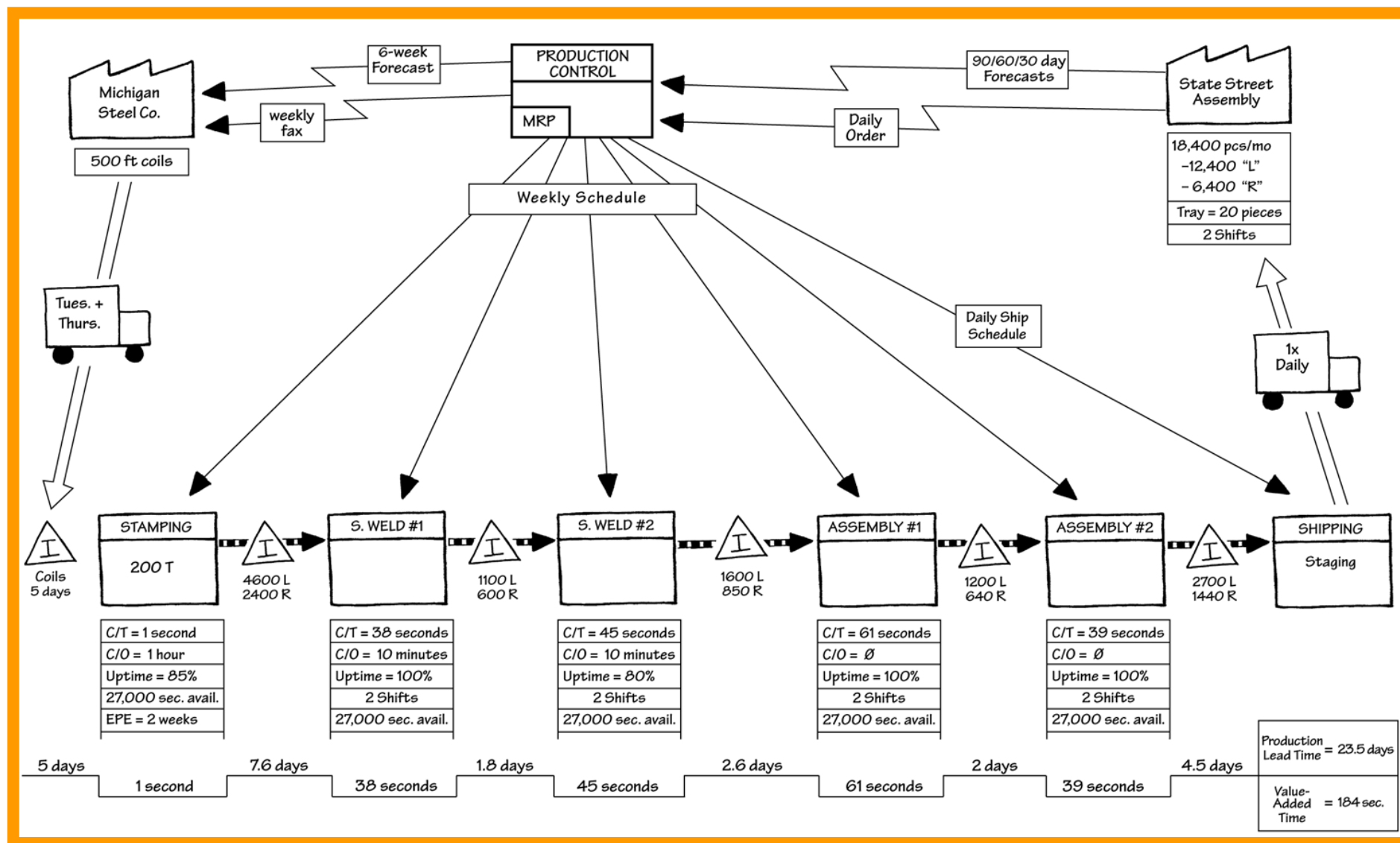
Perfection



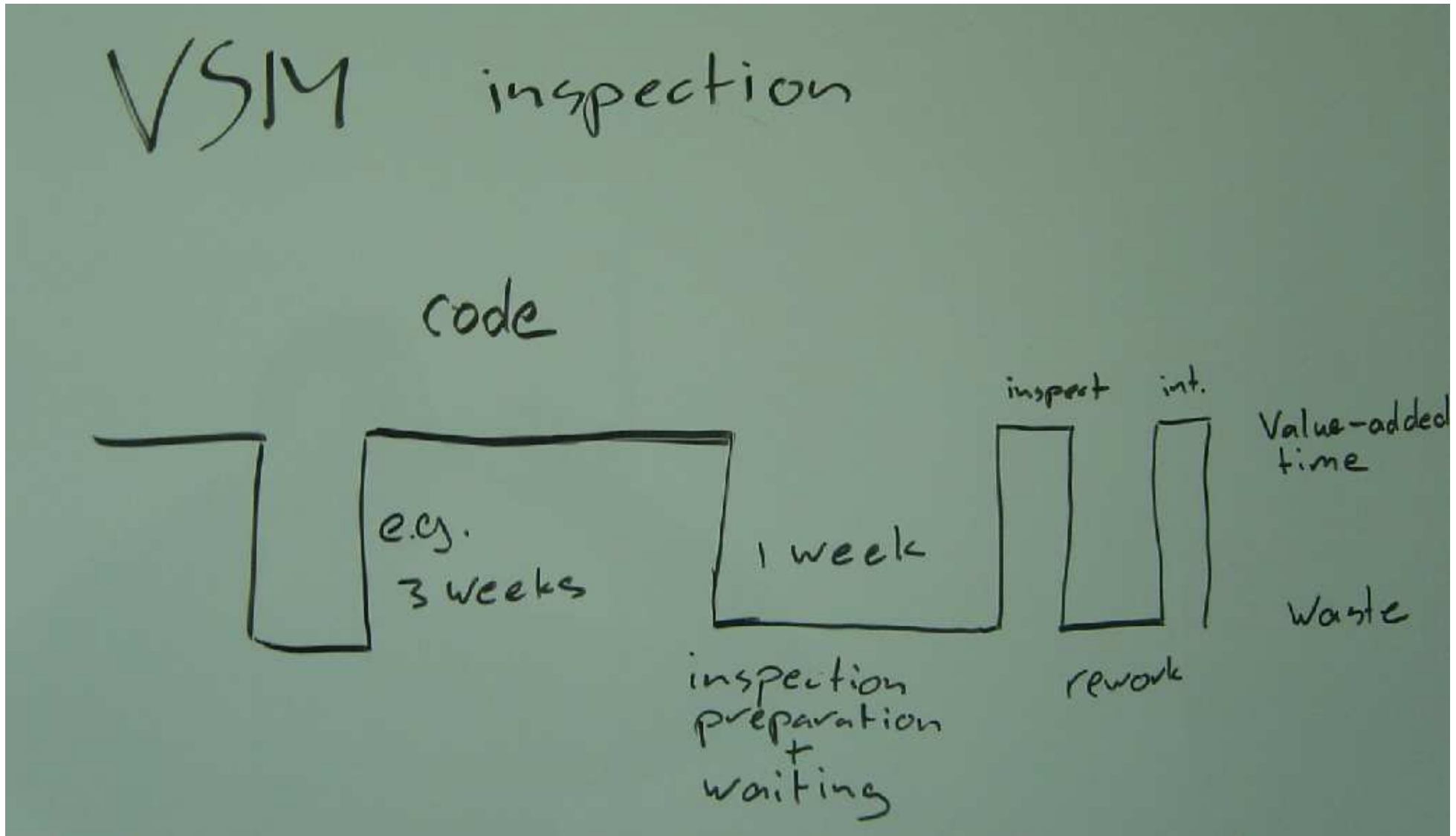
Lean = ~~WASTE~~



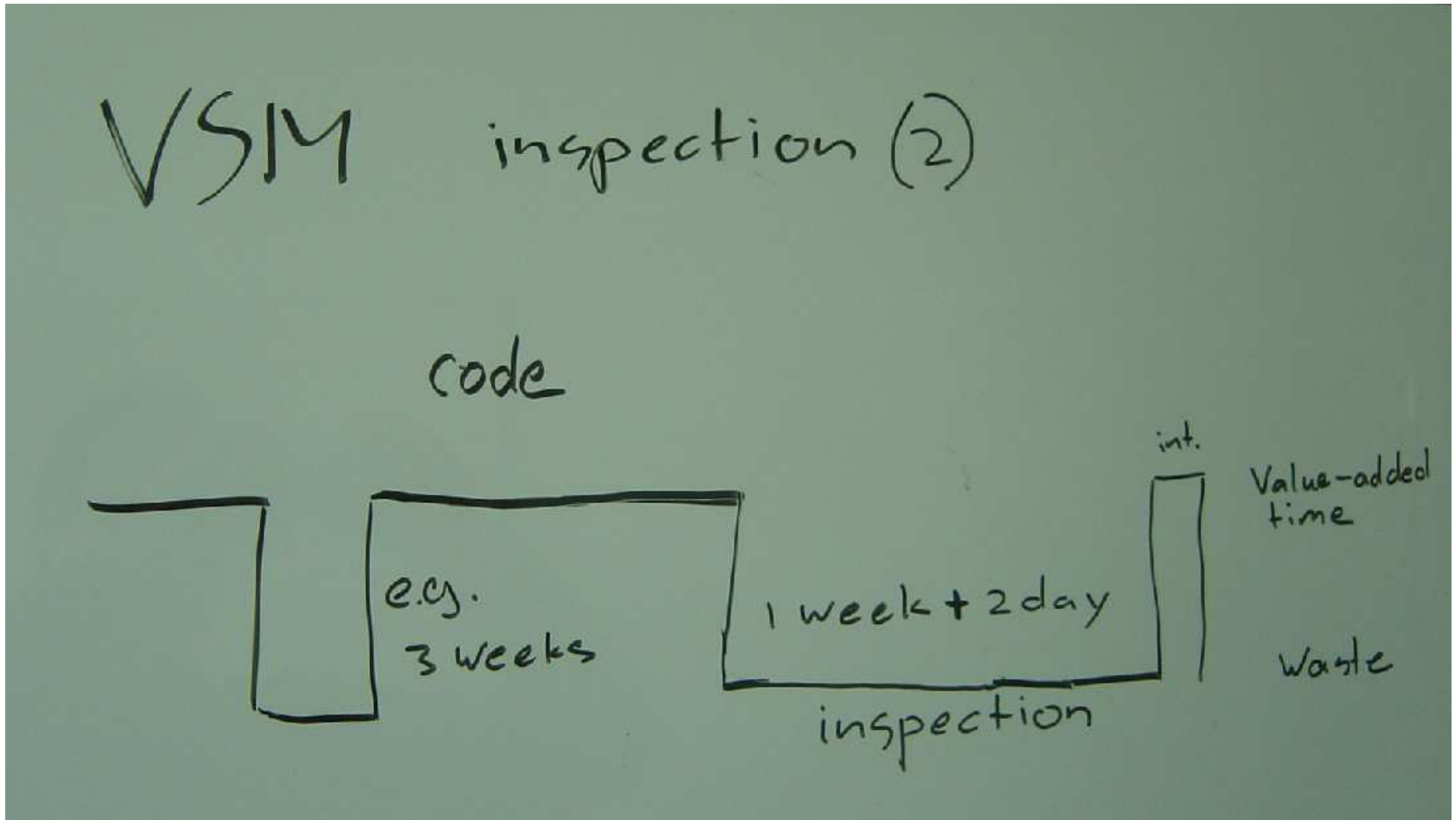
Value stream map



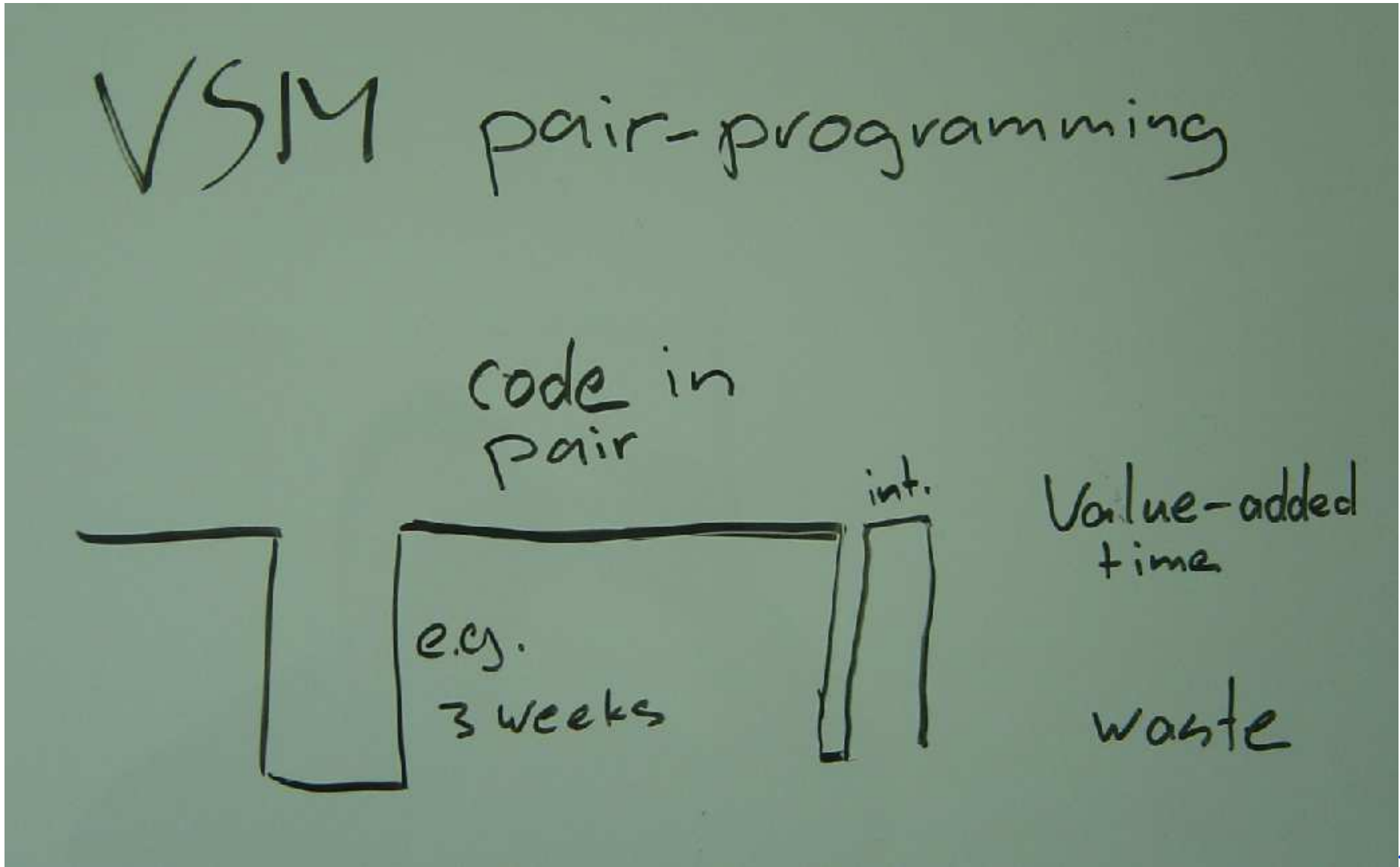
Inspection value steam map (attempt #1)



Inspection value steam map (attempt #2)

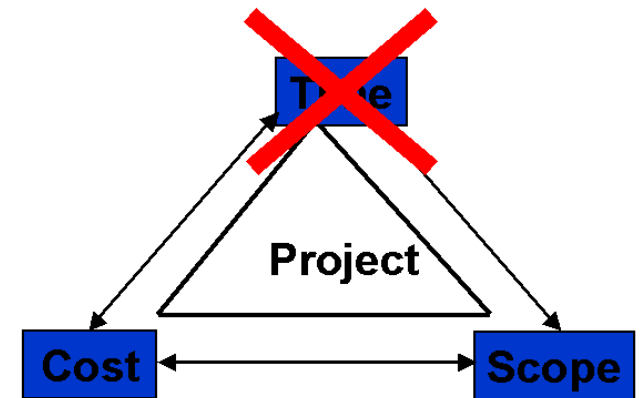
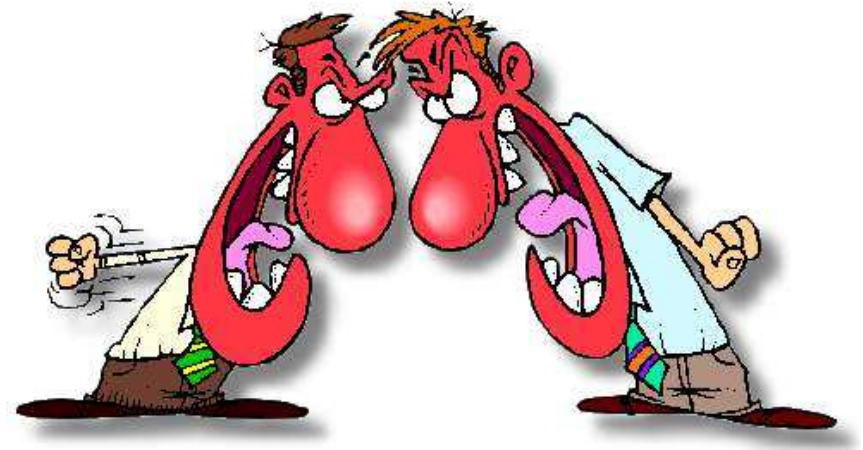


Pair programming – An alternative



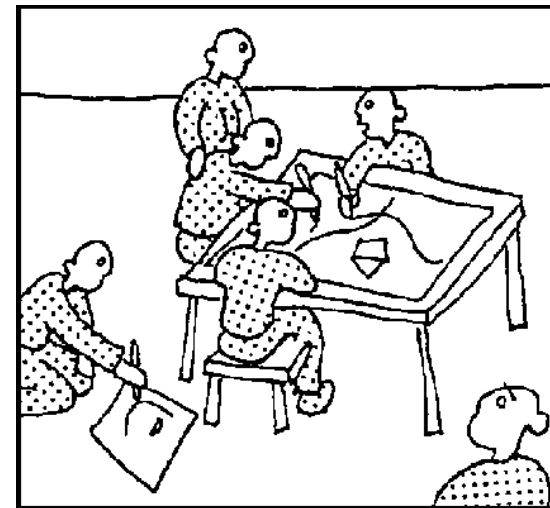
Conflict: Inspection -> Iterative development

- Time (VSM)
- Timeboxing and rework
- Small refinements
- Refactoring
- Upfront finalized documentation
- Measurement of changes
- Inspection regression



Alternatives

- Unit tests and test-driven development
- Pair programming
- Rapid7 and workshops
- Informal reviews
- After-commit reviews



Conclusion

- Inspection is a good and proven technique in Waterfall-type of development.
- The idea of peer-reviews is certainly useful in Iterative development.
 - However traditional inspections might not be the best solution.
- Many good alternatives exist.



Peer-Review

