Ohjelmistotuotanto

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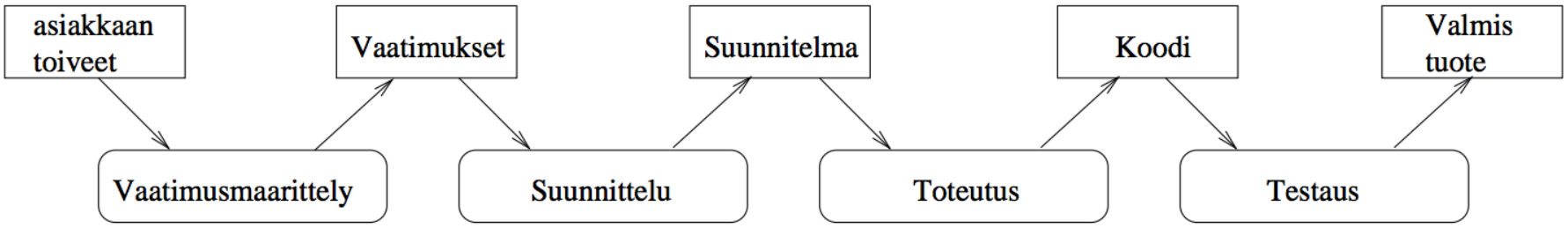
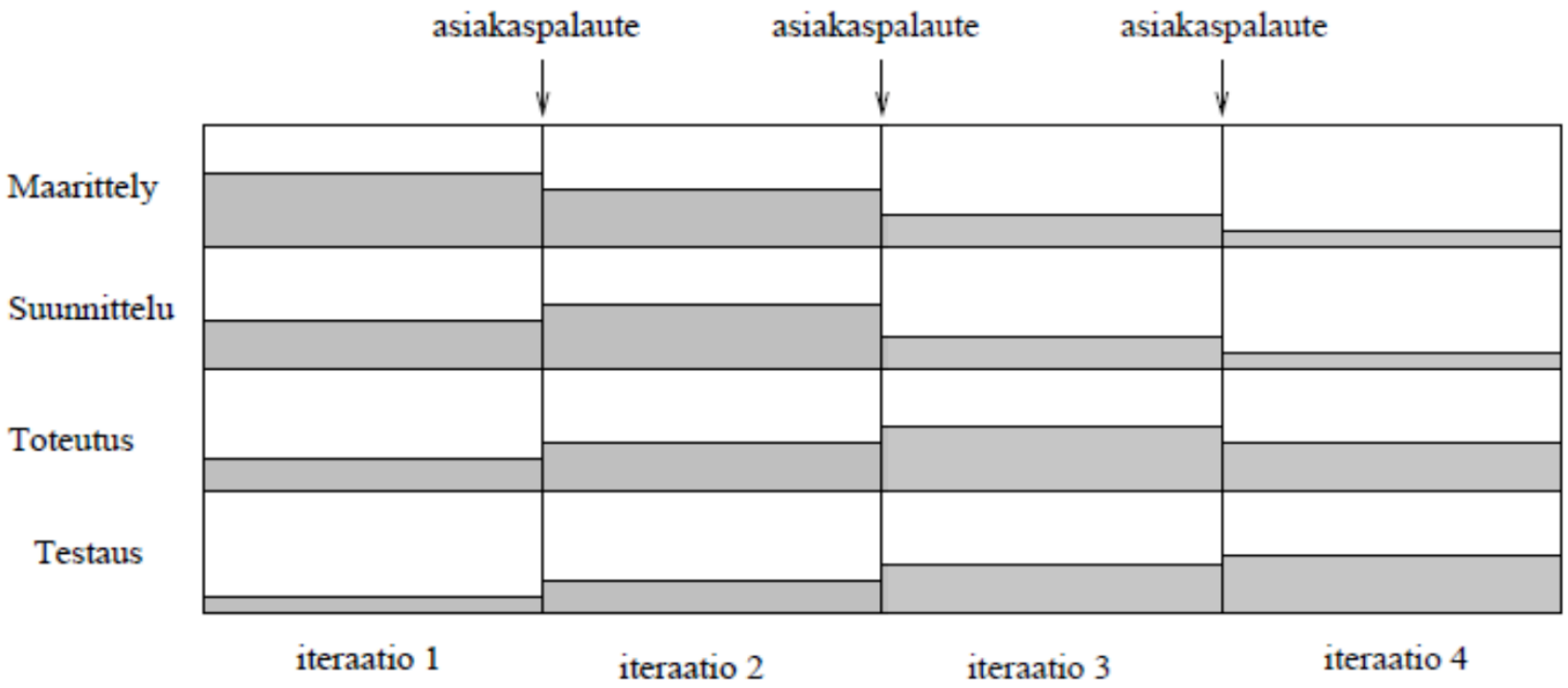
syksy 2022

Vesiputousmalli



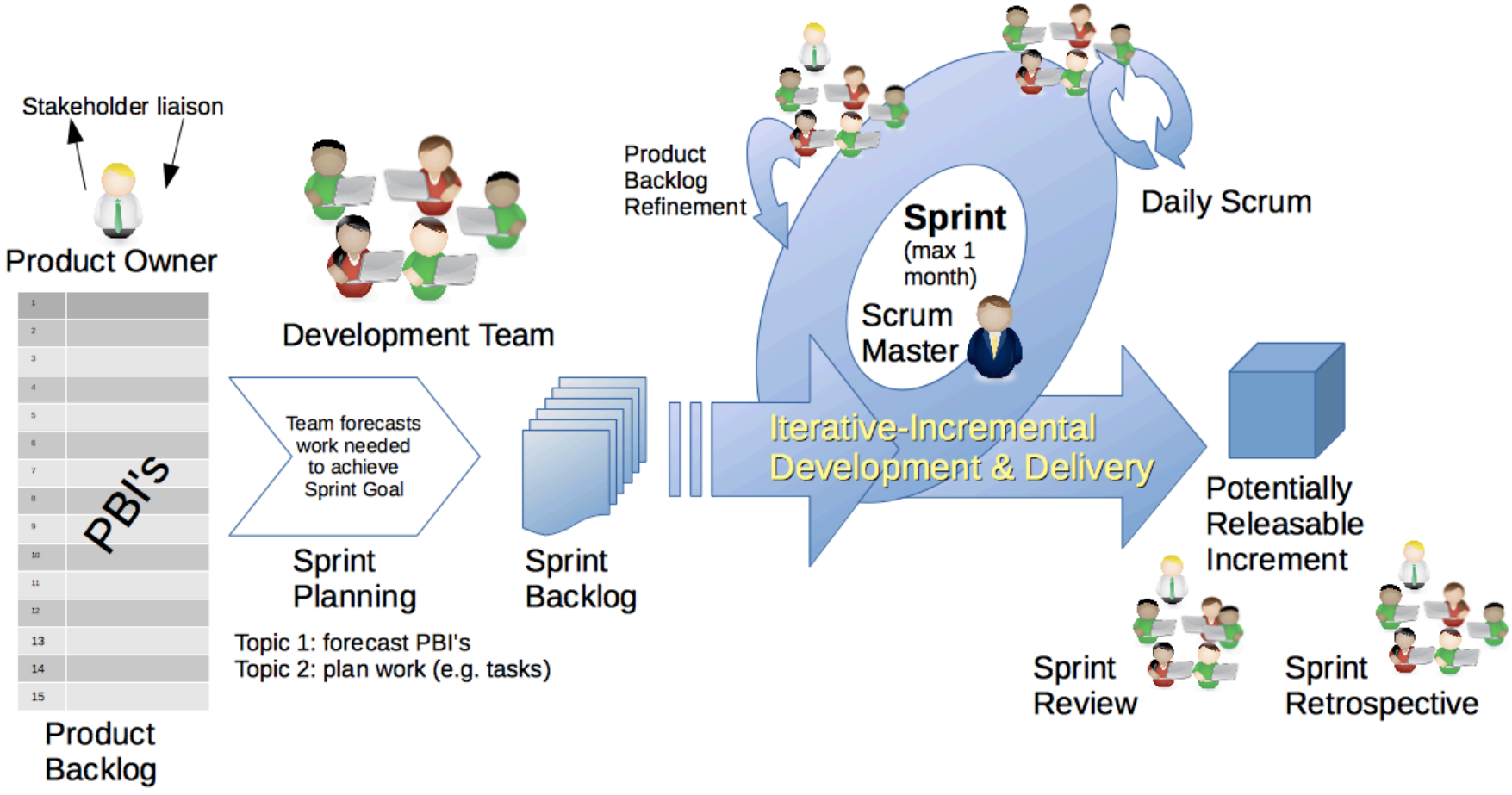
luento 1

Iteratiivinen ohjelmistokehitys



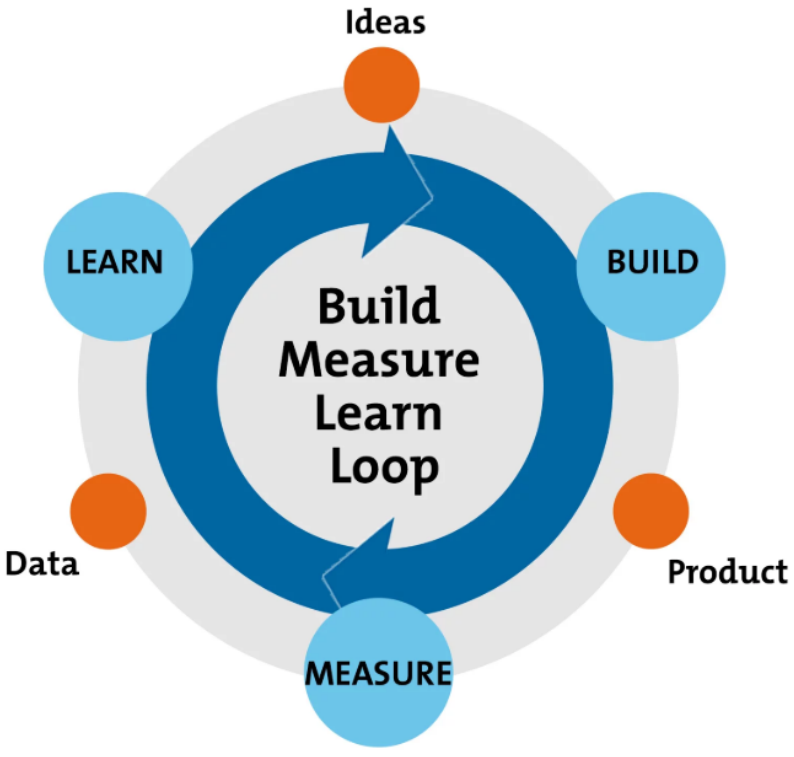
luento 2

Scrum


Stakeholder liaison
Product Owner
PBI's
Product Backlog
Development Team
Team forecasts work needed to achieve Sprint Goal
Sprint Planning
Topic 1: forecast PBI's
Topic 2: plan work (e.g. tasks)
Sprint Backlog
Product Backlog Refinement
Sprint (max 1 month)
Scrum Master
Daily Scrum
Iterative-Incremental Development & Delivery
Potentially Releasable Increment
Sprint Review
Sprint Retrospective

luento 3

Vaatimusmäärittely 2010-luvulla: Lean startup

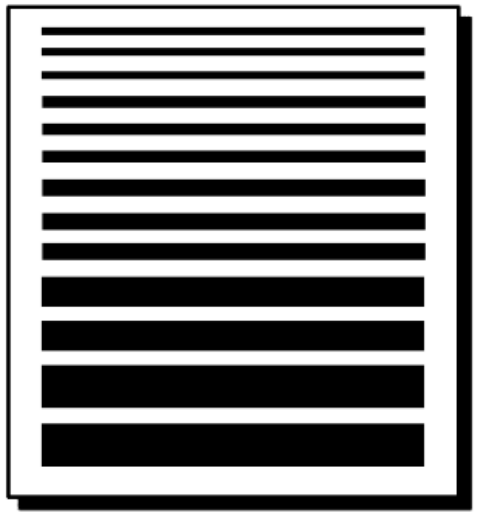


User story

- Mike Cohn:
  - *A user story describes functionality that will be valuable to either user or purchaser of software.*
- User stories are composed of three aspects:
  1. A written description of the story, used for planning and reminder
  2. Conversations about the story to serve to flesh the details of the story
  3. Tests that convey and document details and that will be used to determine that the story is complete

luento 4

High Priority

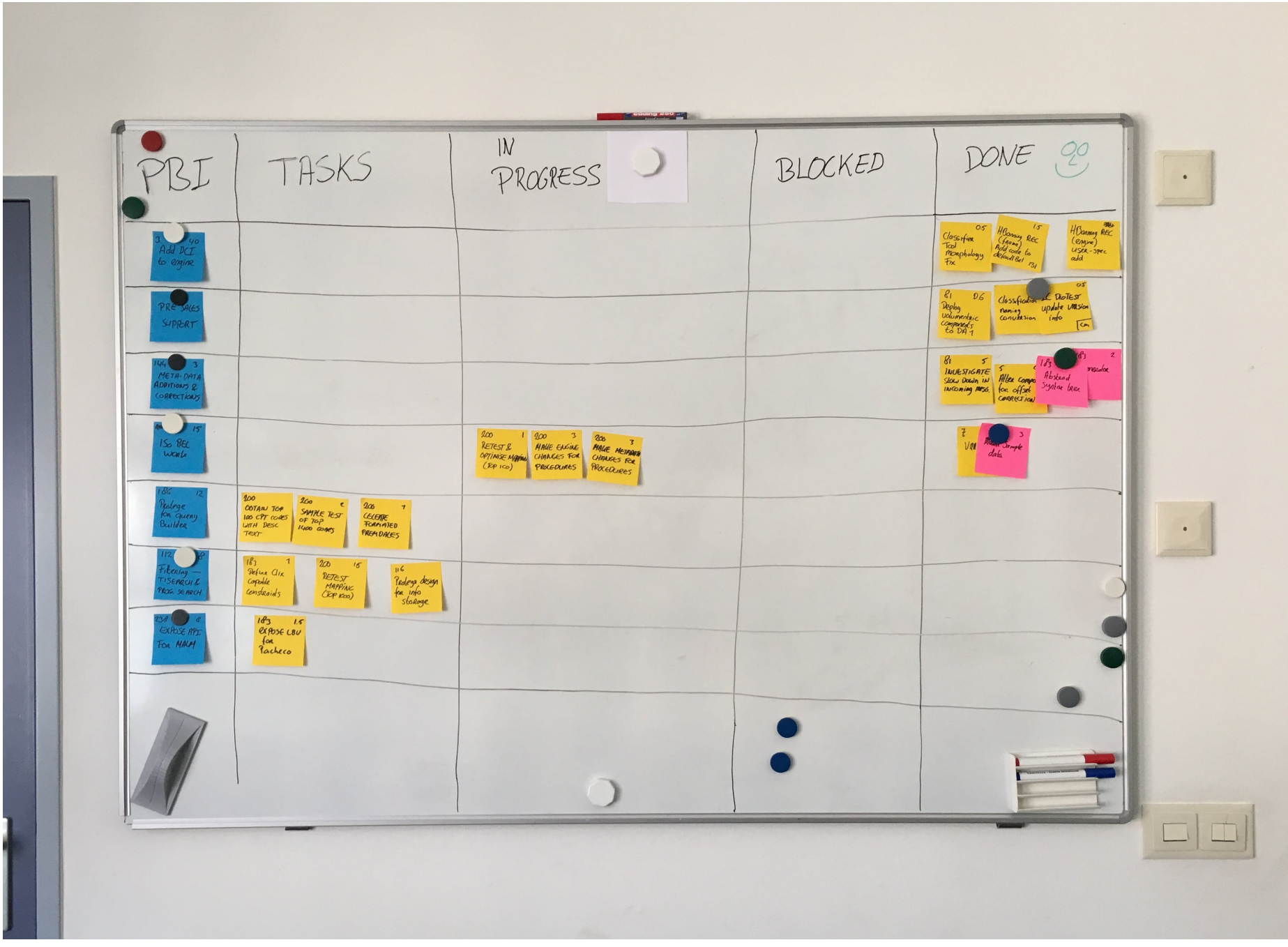


Fine-grained, detailed items ready to be worked on in the next sprint

Low Priority

Large, coarse-grained items

WIP-rajoitteet


PBI
TASKS
IN PROGRESS
BLOCKED
DONE
3 40 Add DCI to engine
PRE SALES SUPPORT
144 3 META-DATA ADDITIONS & CORRECTIONS
15 ISO BEL work
186 12 Prolege for Query Builder
112 8 Filtering — TISEARCH & PROG. SEARCH
238 8 EXPOSE API For MALM
200 OBTAIN TOP 100 CPT CODES WITH DESC TEXT
200 SAMPLE TEST OF TOP 1400 CODES
200 CELEBRE FORMATED PREMDALES
183 Define Clix capable constraints
200 RETEST MAPPING (TOP 1000)
116 Prolege design for info storage
183 1.5 EXPOSE LBU for Pacheco
200 1 RETEST & OPTIMISE MAPPING (TOP 100)
200 3 MAKE ENGINE CHANGES FOR PROCEDURES
200 3 MAKE METADATA CHANGES FOR PROCEDURES
0.5 Classifier Tool Morphology Fix
1.5 HBanning REC (frame) Add code to default Bel 131
HBanning REC (engine) user-spec add
81 0.6 Deploy volumetric components to DA 1
Classification naming conversion
0.5 DIOTEST update version info
81 5 INVESTIGATE SLOW DOWN IN INCOMING MSG.
5 Alter compo for offset correction
183 Abstract Syntax tree
183 2
7 Var
3 Prompt sample data