EVENT STORMING

przepływ wiedzy dziedzinowej od biznesu do kodu produkcyjnego

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Java Dev / Trainer / Consultant @

BO·TT·EGA
IT minds

DDD / Craftsmanship / Architecture
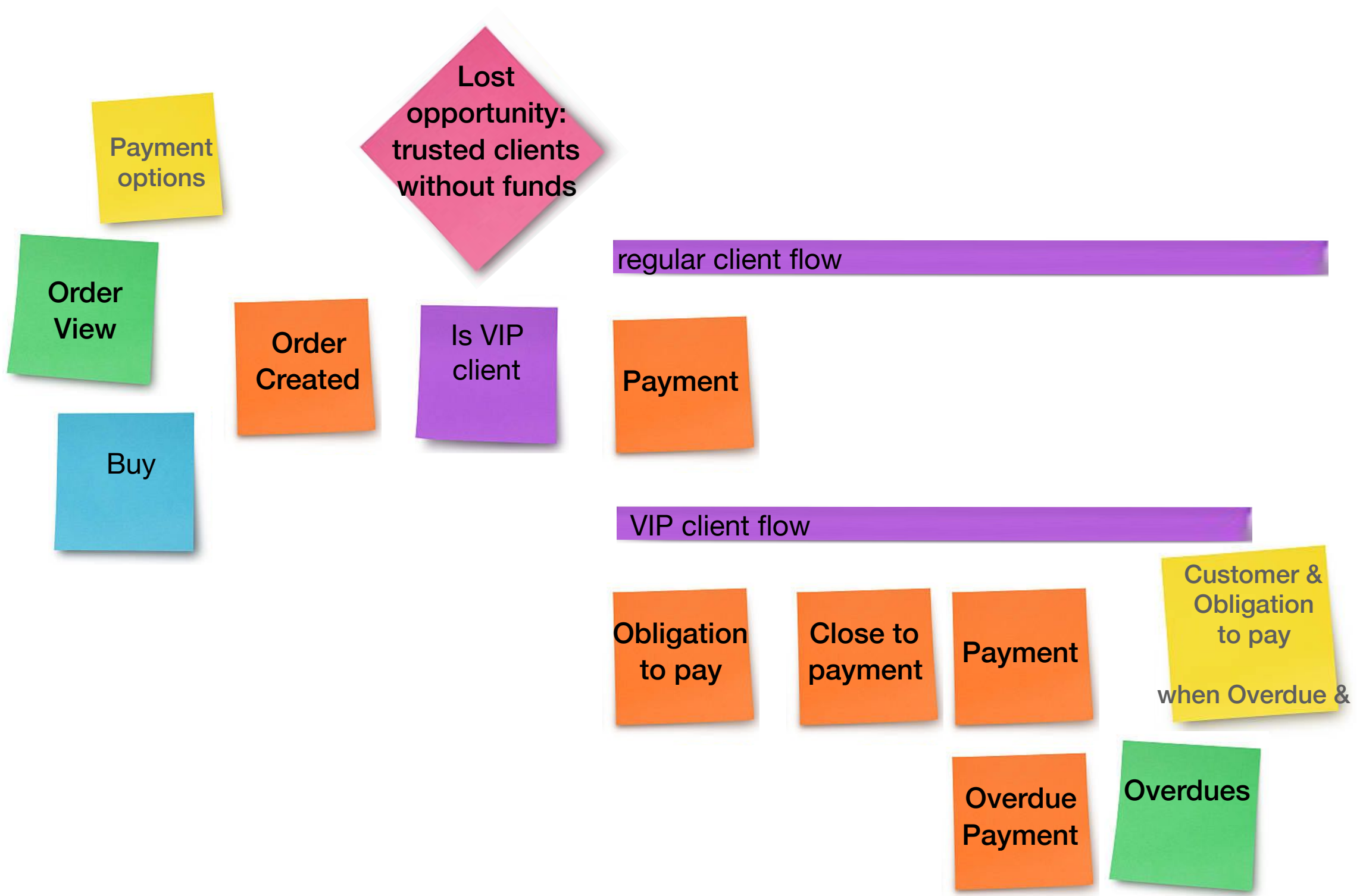Legacy Code Refactoring

 https://github.com/michal-michaluk/

 @michal_michaluk
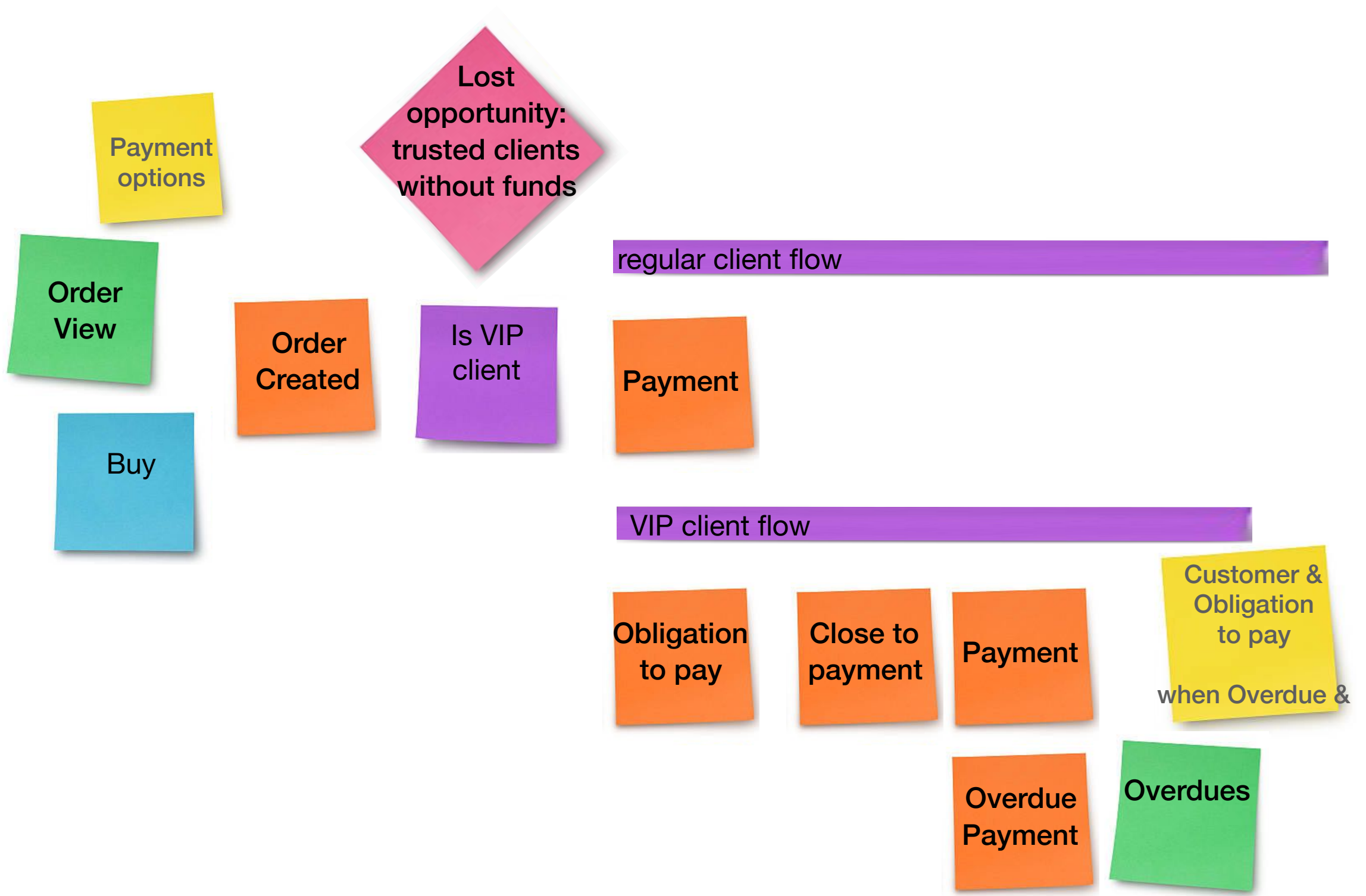
 Michał Michaluk

Payment options

Lost opportunity: trusted clients without funds

Order View

regular client flow

Order Created

Is VIP client

Payment

Buy

VIP client flow

Obligation to pay

Close to payment

Payment

Customer & Obligation to pay

when Overdue &

Overdue Payment

Overdues

EVENT STORMING W PRACY KONSULTANTA

EVENT STORMING W ZESPOLE (W POLSCE)

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NOTACJA EVENT STORMING-U POMAGA W PRACY Z LEGACY CODE-M

PO CO?

DZIEDZINY I BOUNDED CONTEXT-Y
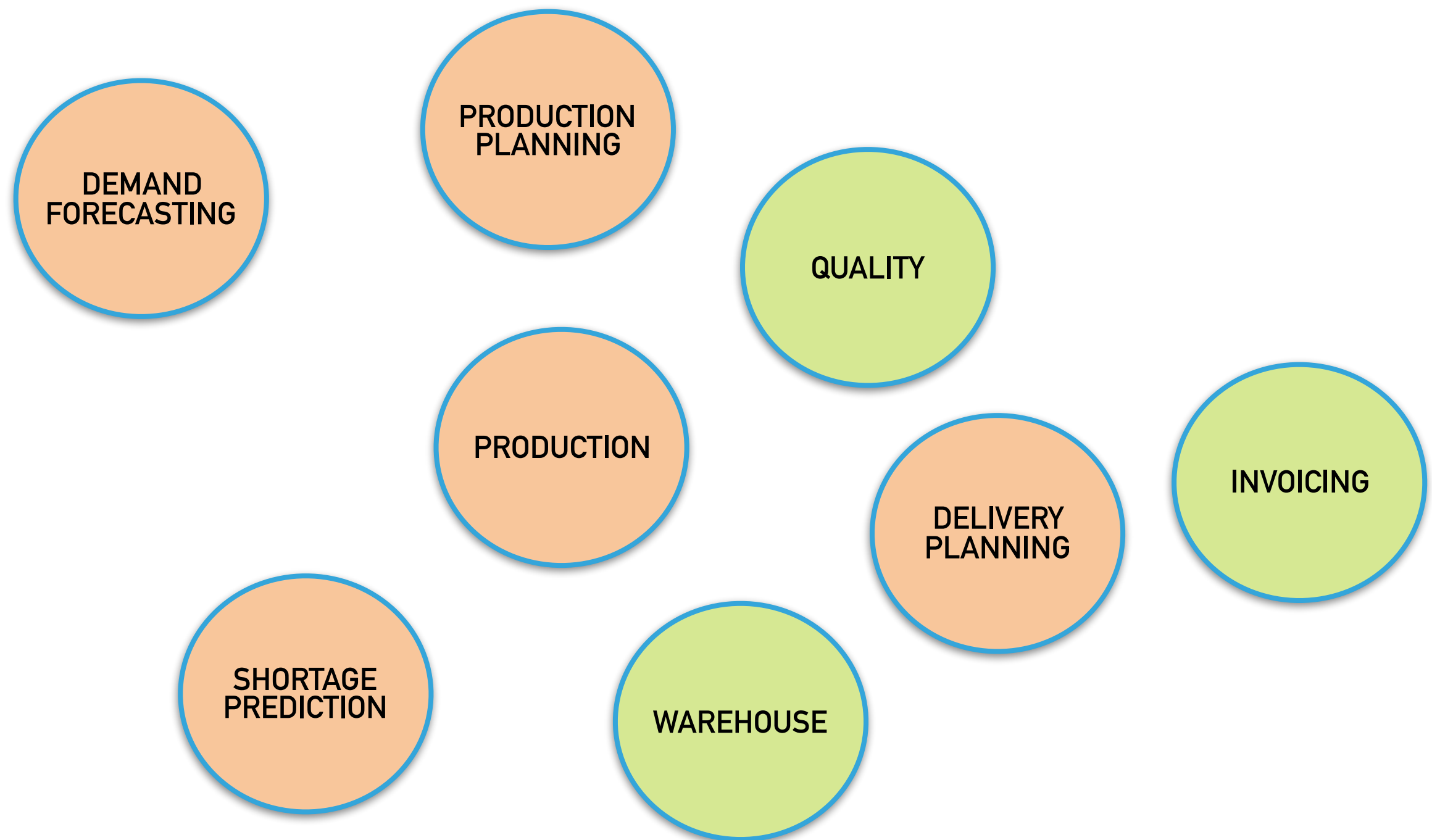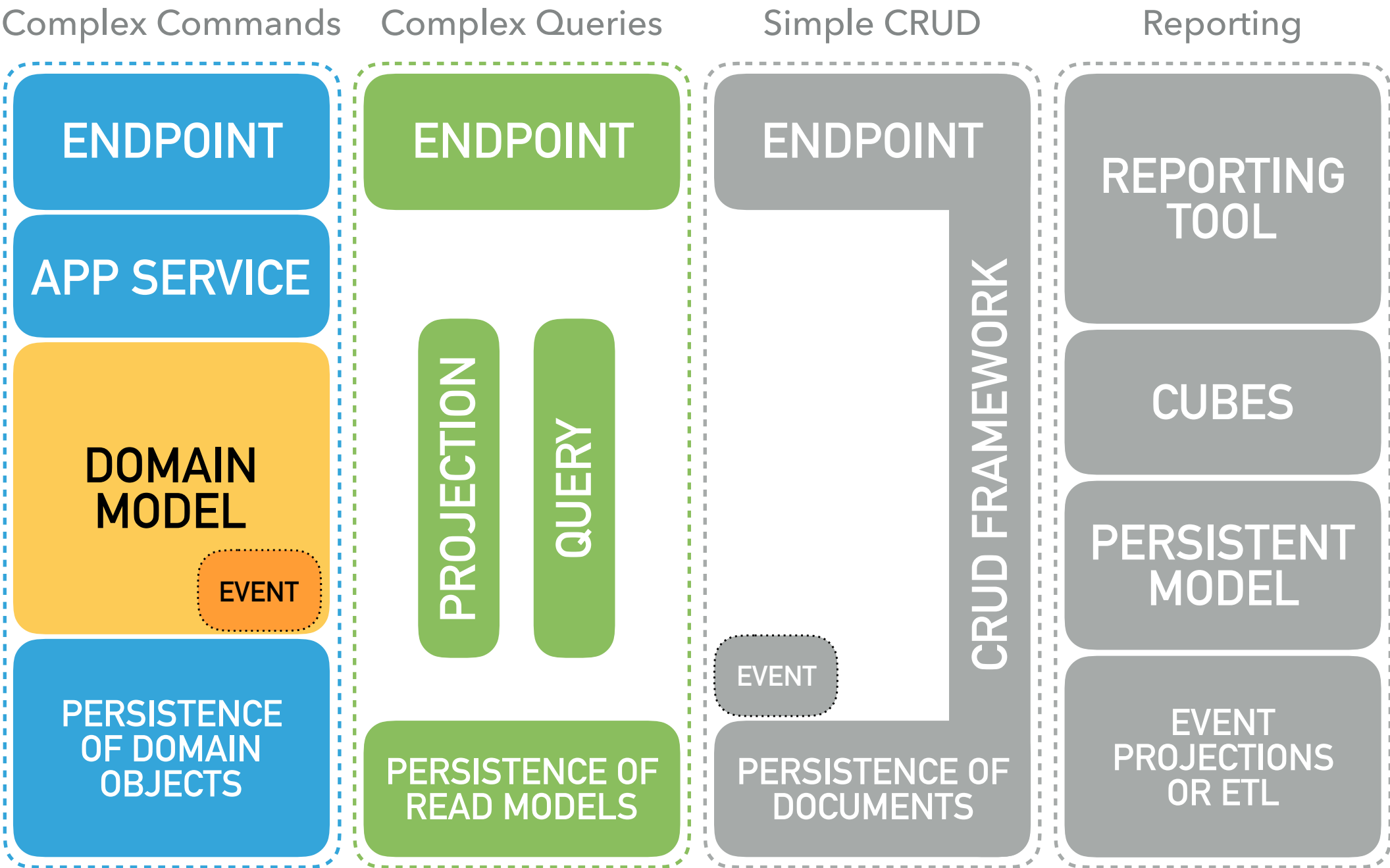
MODEL EXPLORATION
Whirlpool

challenge model with new scenario

CODE PROBE

SCENARIO

Harvest & Document

· Collect reference scenarios
· Capture bits of model, with rationale
· Leave most ideas behind

MODEL

· Tell a story: be concrete & specific
· Walk through and flesh out
· Refocus on hard part
· Refocus on core domain

· Experiment in code
· Refine language
· Add rigor
· Code cheap prototypes
· Script a scenario
· Try, then scrap, code changes

· Propose a model
· Walk through scenarios as events & states
· Explore language
· Add rigor
· Make mistakes

domainlanguage.com/ddd/whirpool

SPECIFICATION BY EXAMPLE – ZEBRANE PRZYKŁADÓW ZACHOWAŃ

```
Scenario: pick oldest palettes stored at single location
  Given stock of:
    | refNo  | location | amount | produced |
    | 900300 | A-31-3   | 1      | some day |
    | 900300 | A-32-3   | 2      | next day |
  When need to deliver 2 palettes of 900300 to customer
  And pick list is requested
  Then 1 picks of 900300 from location A-31-3 are suggested
  Then 1 picks of 900300 from location A-32-3 are suggested


Scenario: delivered palettes are not present on pick list
  Given palettes:
    | label         | location | produced |
    | P-900300-0A11 | A-31-3   | some day |
    | P-900300-0A12 | A-31-3   | same day |
  And stock of:
    | refNo  | location | amount | produced |
    | 900300 | A-32-0   | 2      | next day |
  When need to deliver 2 palettes of 900300 to customer
  And pick list is requested
  Then 2 picks of 900300 from location A-31-3 are suggested
  Then 0 picks of 900300 from location A-32-0 are suggested
  Given palette P-900300-0A11 is delivered
  And pick list is requested
  Then 1 picks of 900300 from location A-31-3 are suggested
  Then 1 picks of 900300 from location A-32-0 are suggested
```
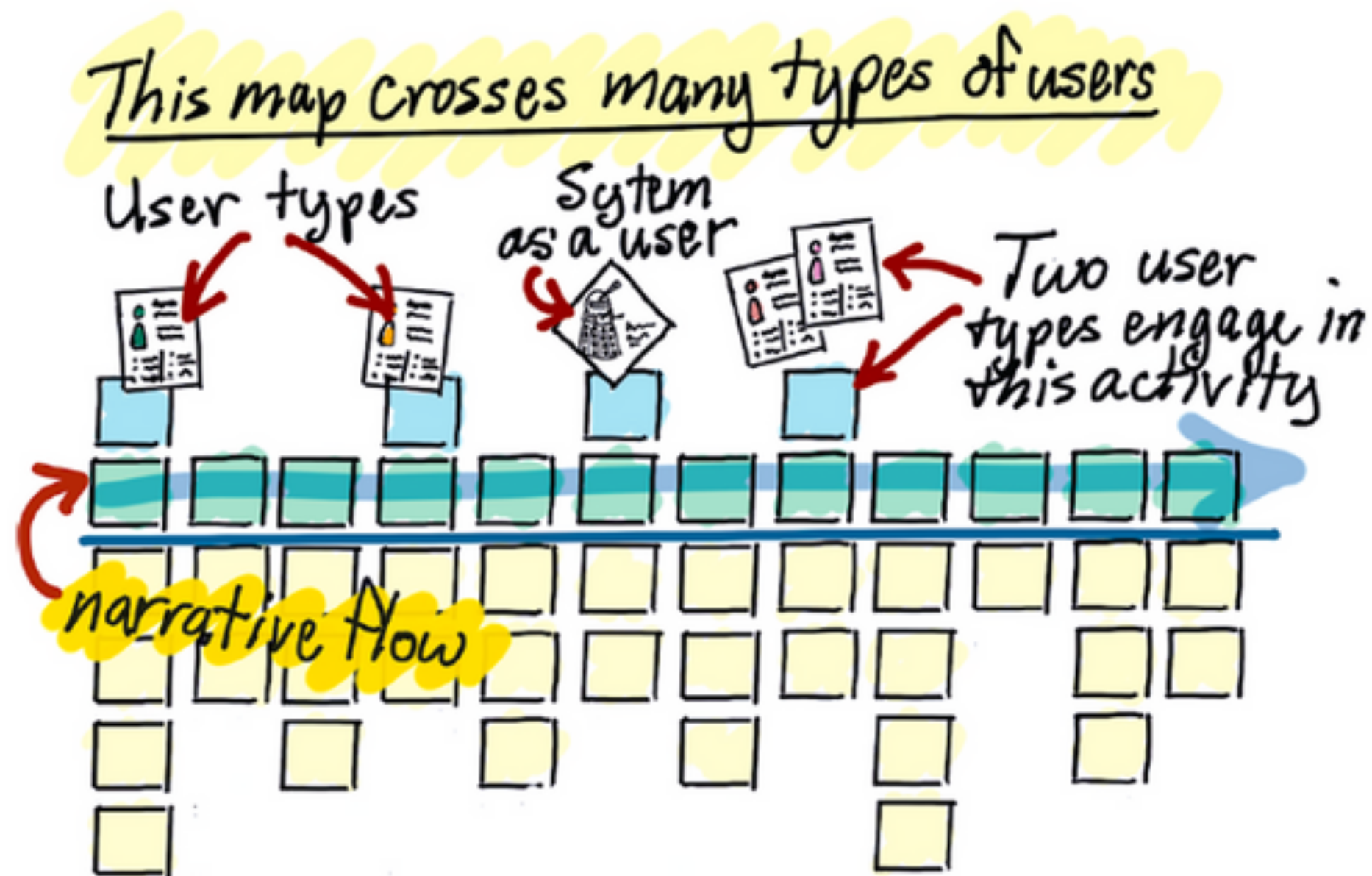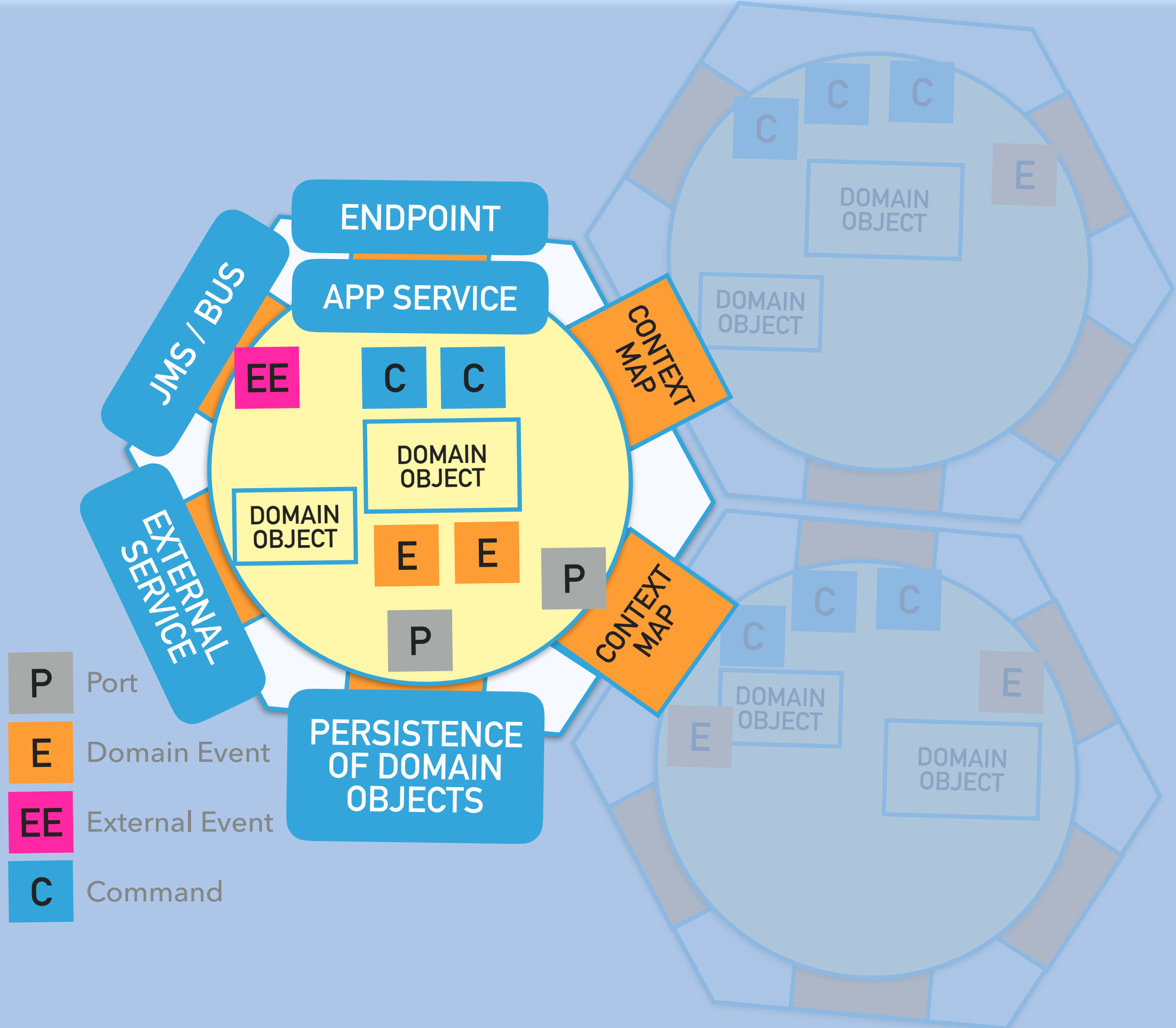
USER STORY MAPPING & MINIMUM VIABLE PRODUCT

WALKING SKELETON – CZYSTY KOD I ARCH. EWOLUCYJNA

HEXAGONAL ARCHITECTURE & MICROSERVICES

ENDPOINT

APP SERVICE

JMS / BUS

EXTERNAL SERVICE

CONTEXT MAP

CONTEXT MAP

EE
C C

DOMAIN OBJECT

DOMAIN OBJECT

E E
P

P

PERSISTENCE OF DOMAIN OBJECTS

DOMAIN OBJECT

DOMAIN OBJECT

C
C
C
E

C
C
C
E

DOMAIN OBJECT

DOMAIN OBJECT

E

P Port

E Domain Event

EE External Event

C Command

PYTANIA