Business Analysis Seminar @SFPD

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Agenda

- 🎙 *Welcome speech* (Stéphane Goffinet - SFPD ICT DG)

- 🎙 *Collaboration in BA4Gov-network* (Patricia Van Daele)

- 🎙 *Keynote : Business Analysis Seminar* (Philippe Van der Stighelen)

- ⏸ *Pause – 15 min*

- 🎙 *Keynote : Business Analysis Seminar* (Philippe Van der Stighelen)

- 🍸 *Social networking*

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Welcome word by SFPD

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Collaboration in BA4Gov-network

- ## **<u>Voorstellen/suggestions ?</u>**
  - Mogelijke **onderwerpen** voor volgende activiteiten
  - Wie kennen jullie die een goede **spreker** zou kunnen zijn op één van de volgende events ?
  - Wie wenst er **SPOC** te zijn voor zijn/haar instelling (vb. om ideeën vanuit de actieve kern eerst bij hen af te toetsen) ?

- ## Samenwerking /collaboration ?

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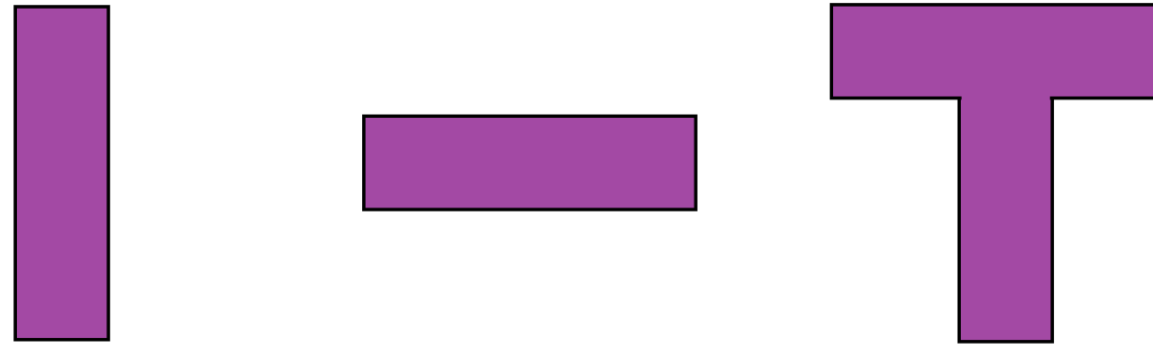
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Business Analysis Seminar
Agenda

1. What makes a BA successful on an Agile Team?

2. Clearly distinguishing between the WHAT and the HOW.

3. Business Analysis vs Functional Analysis

4. A context for Agile Business Analysis

5. Analysis to Determine What is valuable

6. What does Agile mean for Business Analysis?

7. Analysis techniques supporting evolution to Microservices

Business Analysis Seminar

What makes a BA successful on an Agile Team?

- Getting the culture right is key to success in any agile endeavour.

- Foster collaboration between the customer and developers by gaining consensus on a bill of rights and responsibilities for each side in the relationship.

- Those doing the work have the sole right to estimate the work, while the customer has the exclusive right to prioritize it.
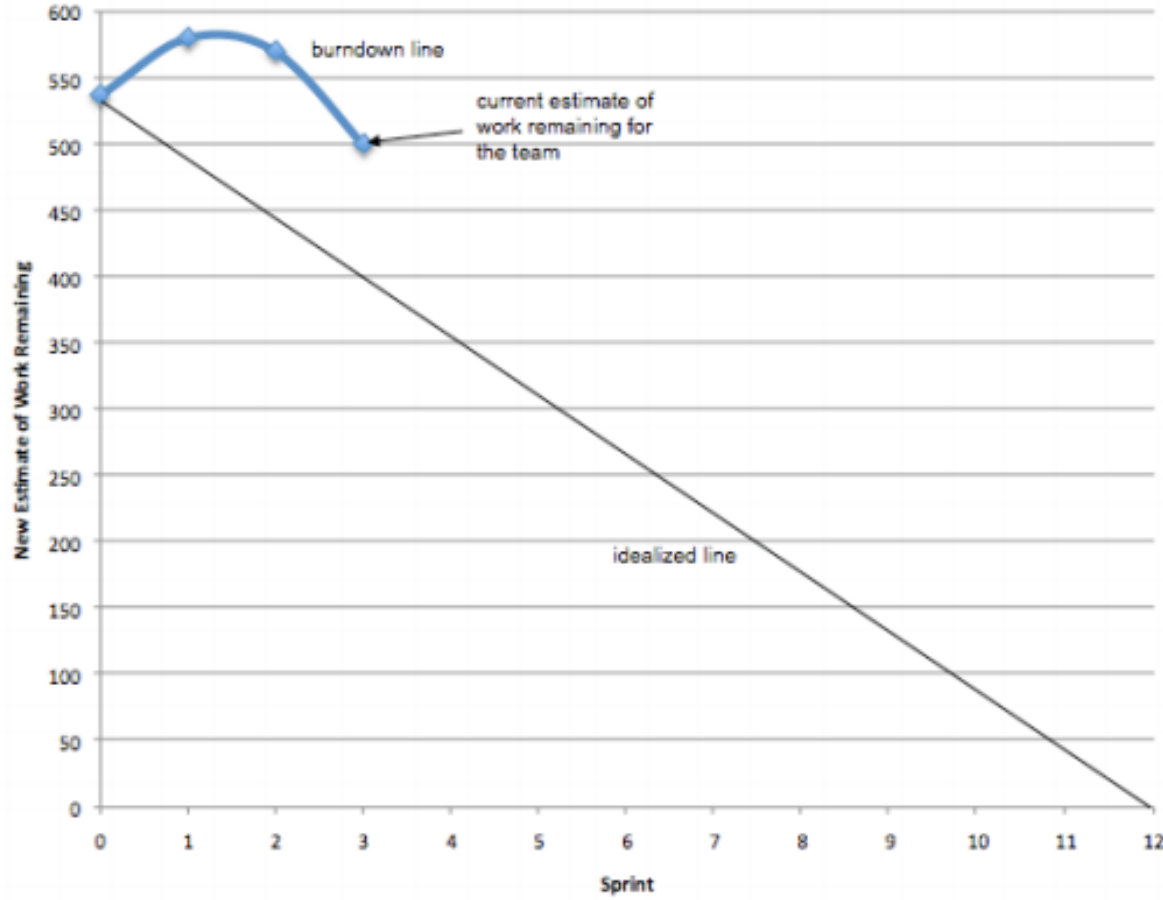
Business Analysis Seminar

What makes a BA successful on an Agile Team?

- Nurture a *culture* in which experimentation & learning are embraced;

- Collaborate with employees to find common values to create a greater *goal* for everyone;

- Create an *organizational* structure that reinforces and rewards the other two dimensions.
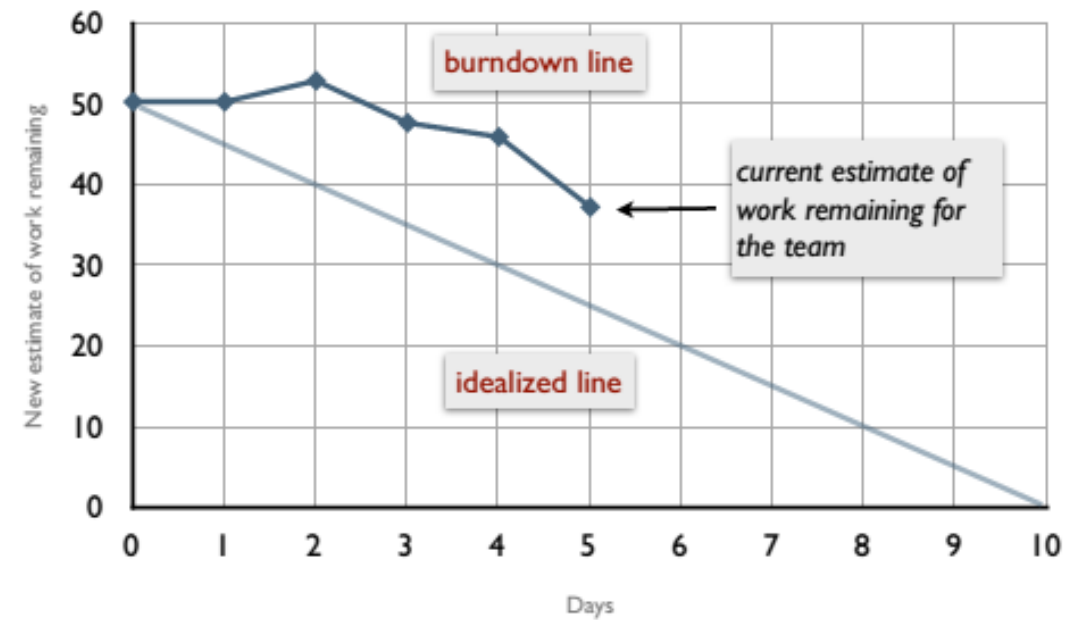
Business Analysis Seminar
What makes a BA successful on an Agile Team?
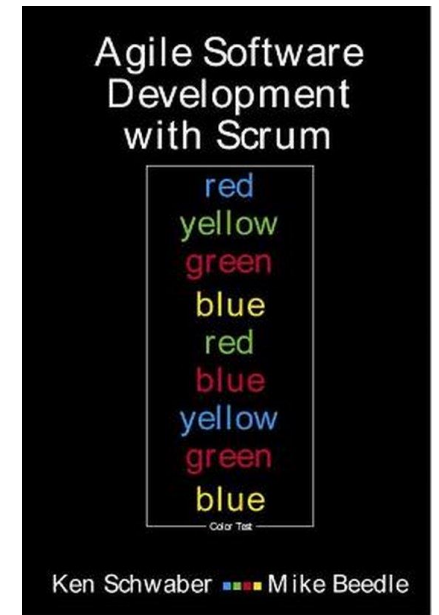

Release Burndown Chart.

Sprint burndown

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What makes a BA successful on an Agile Team?

"If too much time is spent thinking about requirements, competition gets to the market first" (2002)

"It was entirely reasonable to believe that BA and business analysts would not survive the transition to agile practices" (2013)
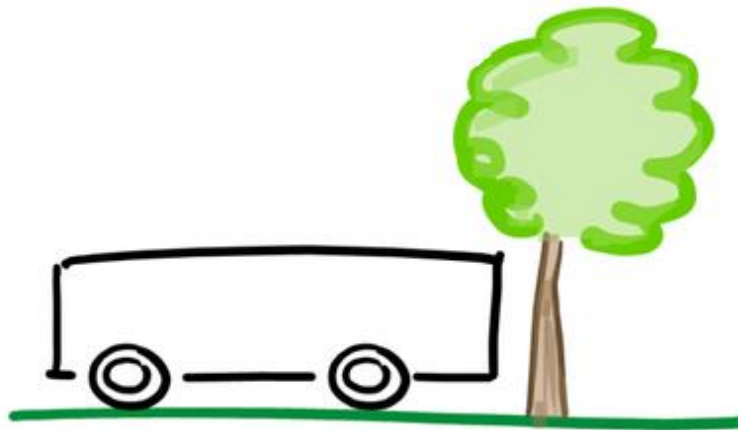
"Rolling analysis is the way forward" (2020)

Agile Software Development with Scrum

red
yellow
green
blue
red
blue
yellow
green
blue

Ken Schwaber ▪▪▪▪ Mike Beedle
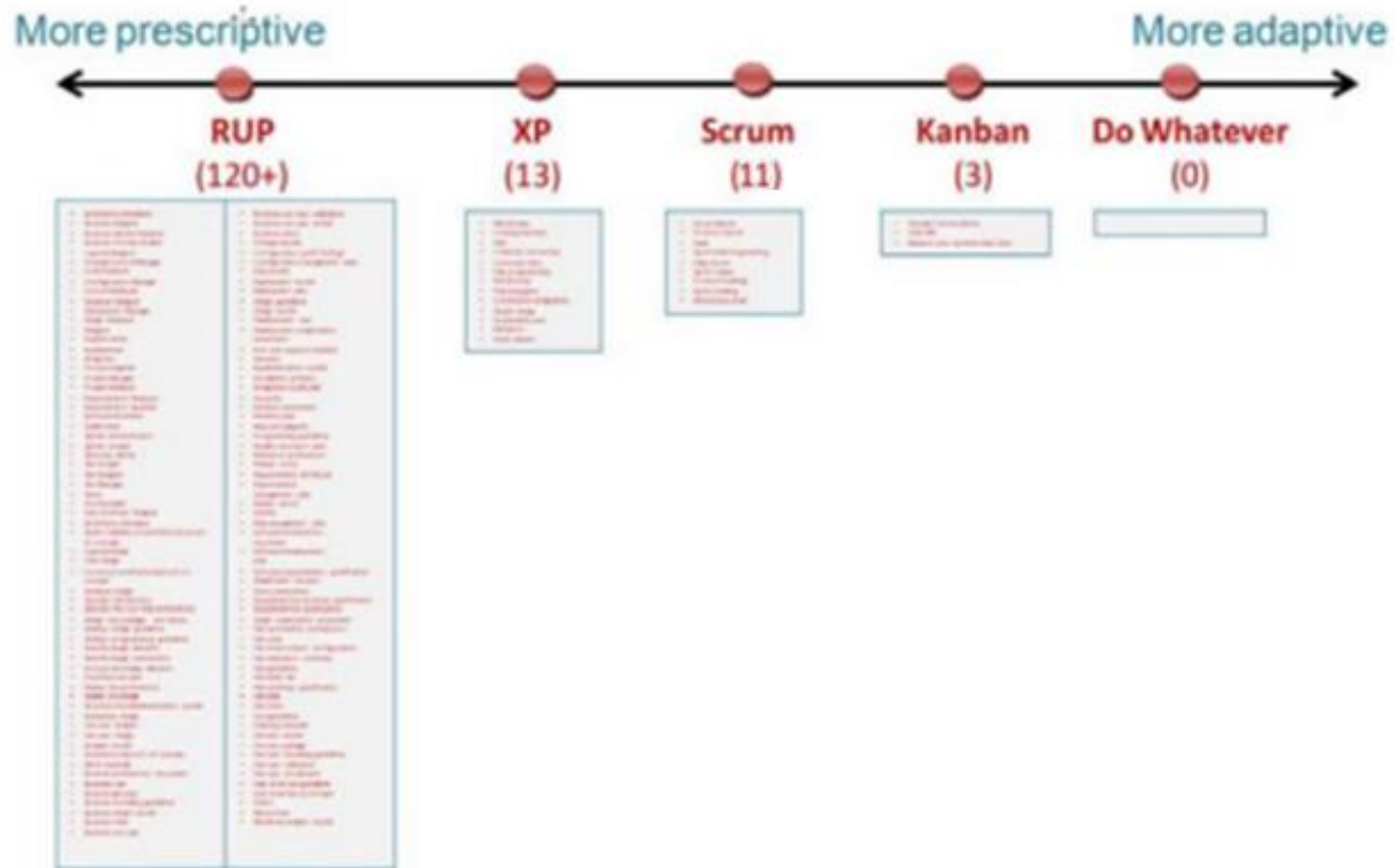
What makes a BA successful on an Agile Team?

NDUF   EDUF   BDUF

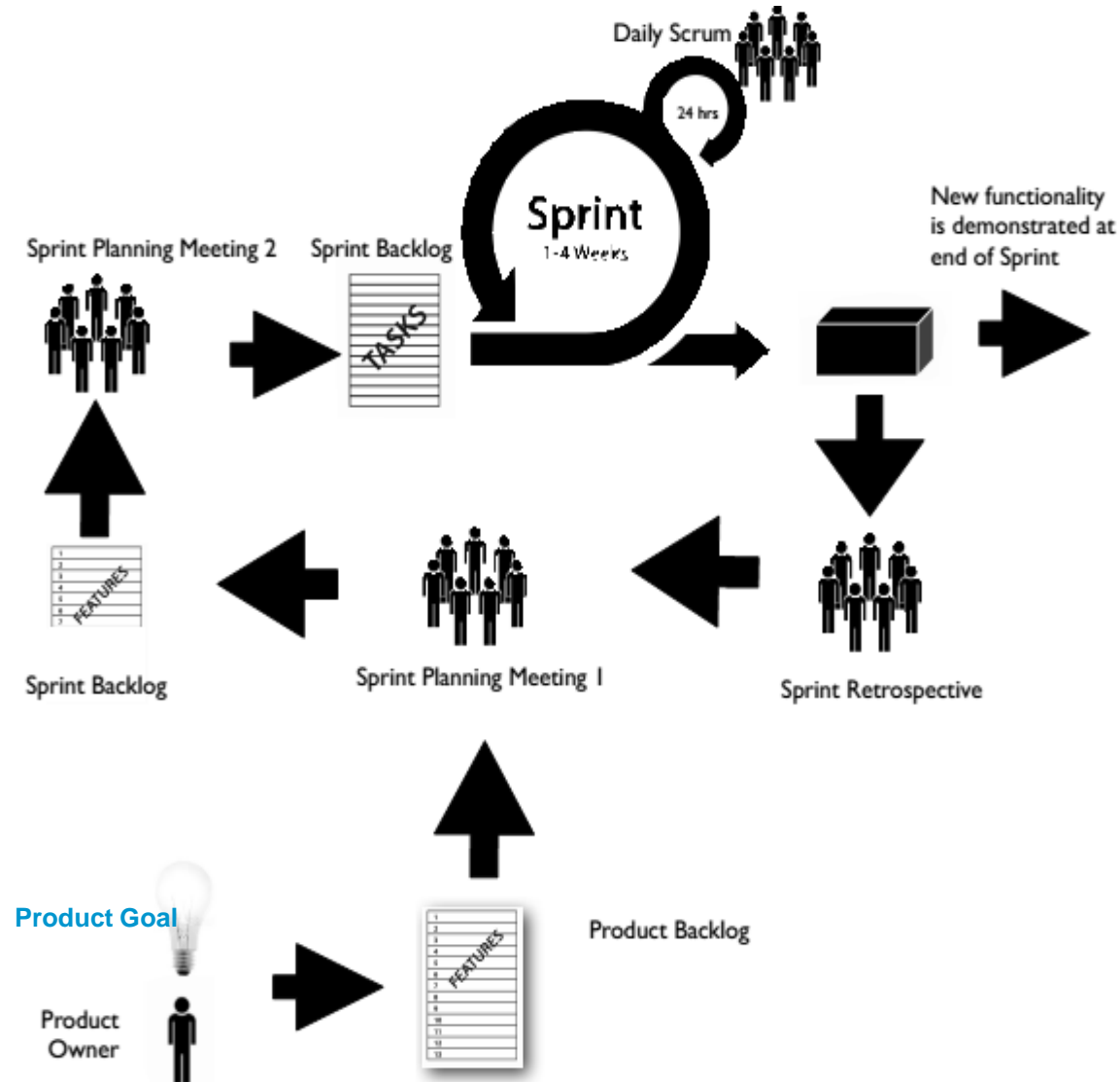# Business Analysis Seminar

What makes a BA successful on an Agile Team?

What makes a BA successful on an Agile Team?

Business Analysis Seminar
Clearly distinguishing between the WHAT and the HOW.

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16

Business Analysis Seminar

Clearly distinguishing between the WHAT and the HOW.

	Channels	Products/ Services	Customers	Logistics	Business Administration
Direct	Channel Strategy Store Design	Merchandise Planning Channel Planning Space Planning	Market Strategy Customer Service	Network design Warehouse design	Corporate planning Corporate strategy Financial planning
Control	Channel Management Labour Management Order Management	Product Flow Demand Forecasting	Campaign Mgmt Service Management	Inbound routing Delivery scheduling Carrier Mgmt	Inventory control Cash and Banking Legal compliance
Execute	Inventory Management Merchandise Mgmt	Item Management PO Management Replenishment	Customer Service Advertising	Transportation Mgmt Fleet Management	Financial accounting and reporting HR Administration

Business Analysis Seminar
Clearly distinguishing between the WHAT and the HOW.

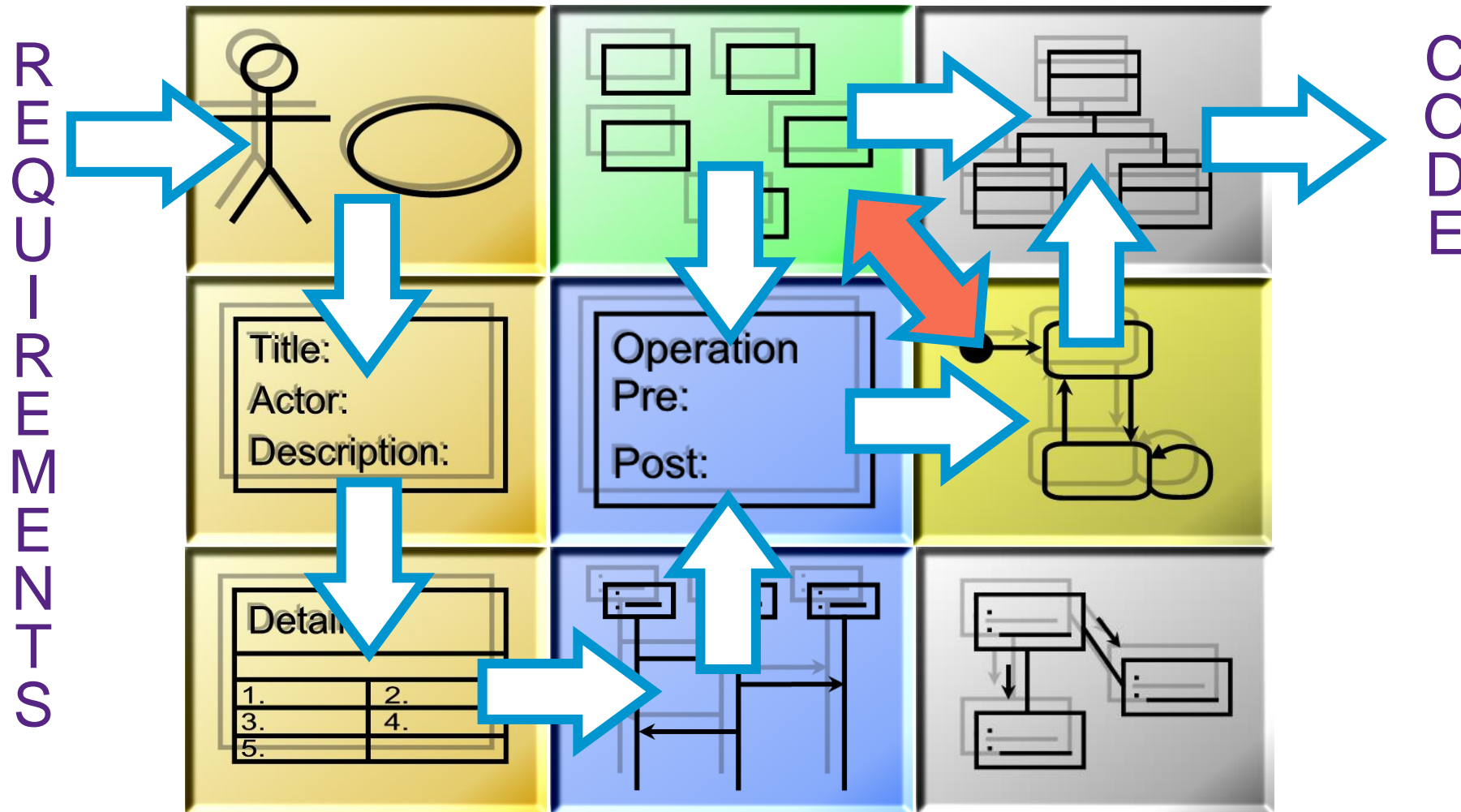# Business Analysis Seminar
Business Analysis vs Functional Analysis

"The fine art of mapping the requirements of the customer to the capabilities of the target system."

Business Analysis Seminar
Business Analysis vs Functional Analysis

www.genuine.be

Business Analysis Seminar
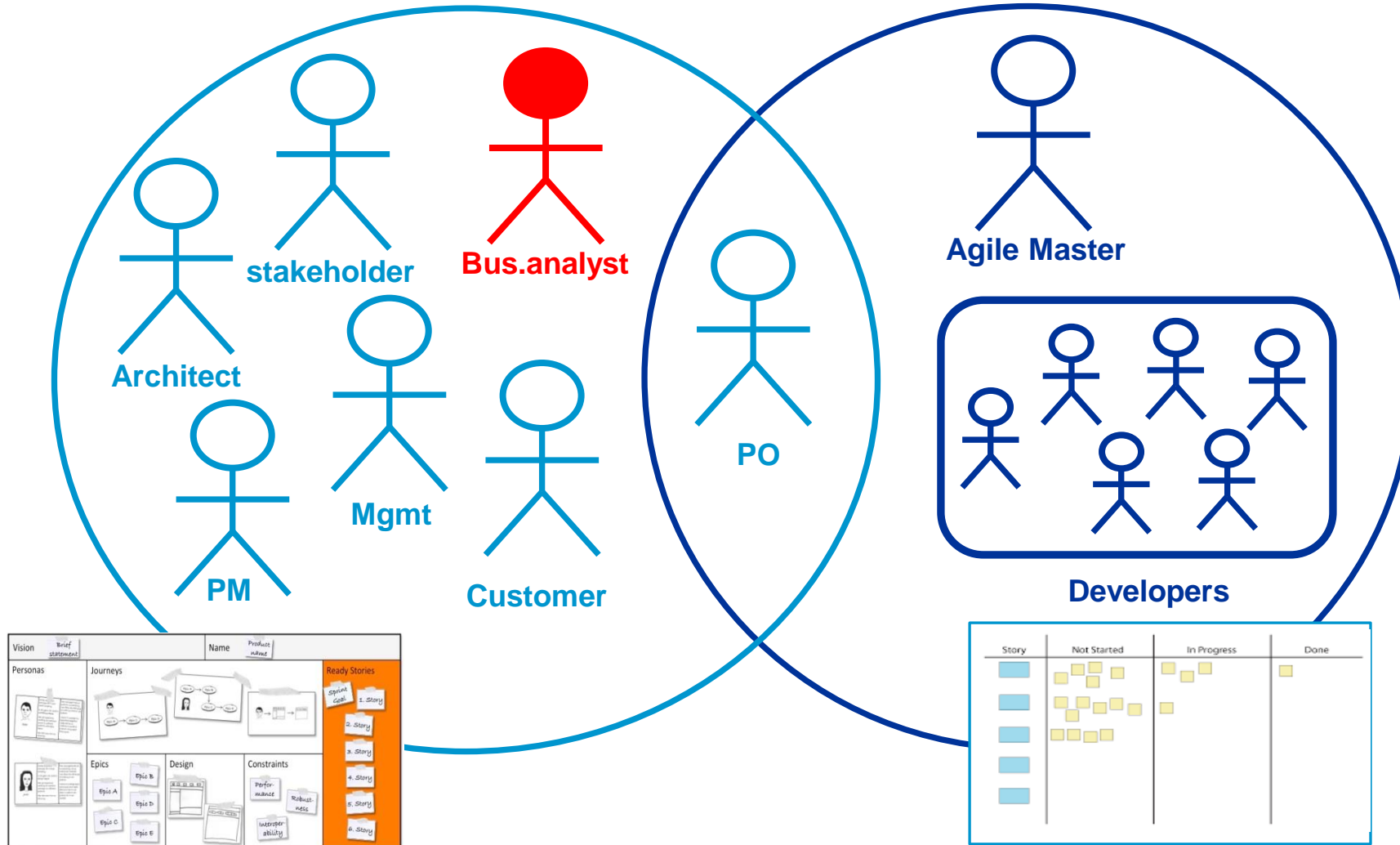## Business Analysis vs Functional Analysis

"I want the product to be fast, easy to use, reliable and beautiful ."

Business Analysis Seminar
A context for Agile Business Analysis
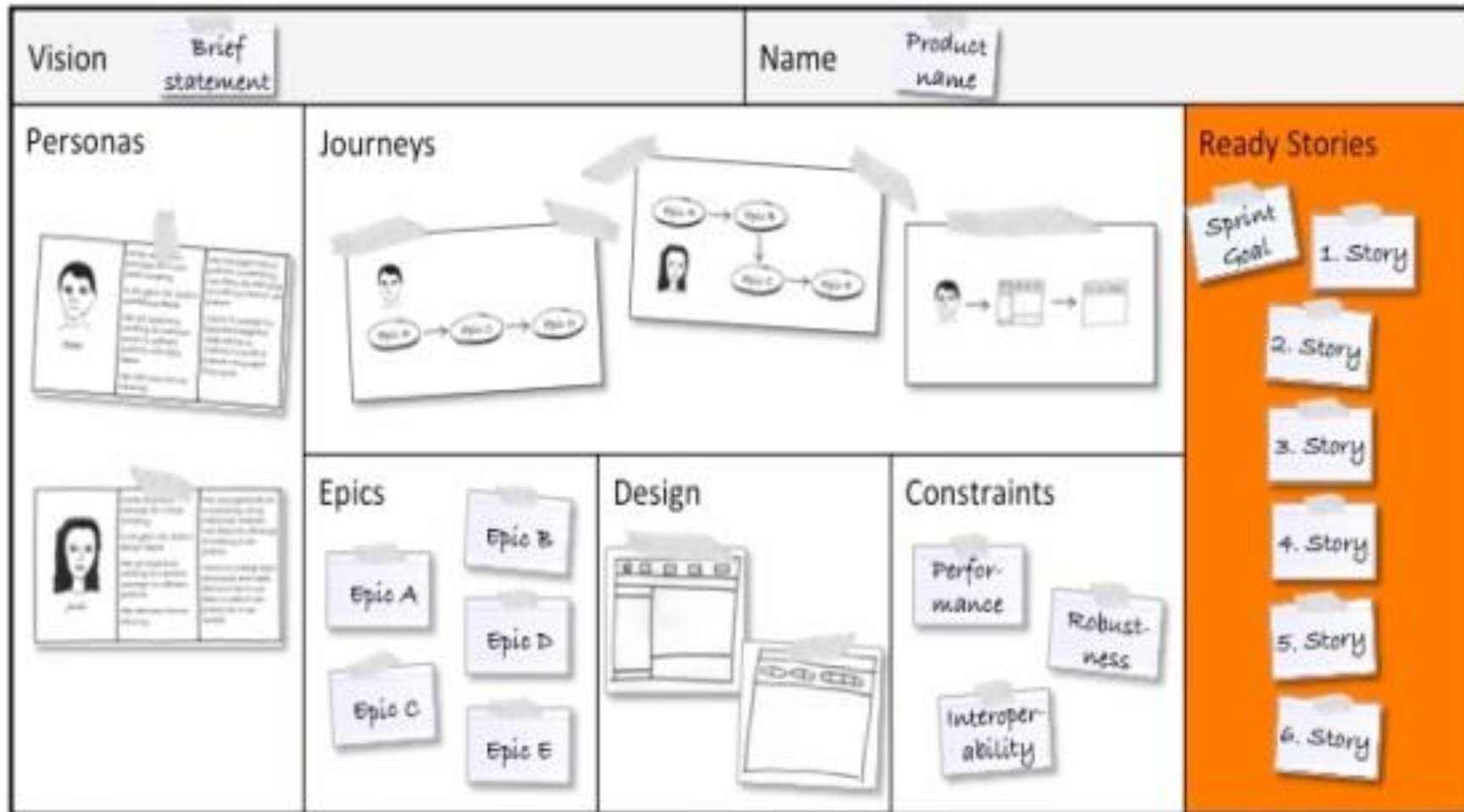

Customer/ Product/ Extended Agile Team

stakeholder

Bus.analyst

Architect

PM

Mgmt

Customer

PO

Agile Master

Agile Team

Developers

Business Analysis Seminar
The Product Board - Definition of Ready

Business Analysis Seminar
The Product Board - Personas

Rebecca
Casual audiophile

Age	26
Occupation	Frontend developer
Education	Bachelor degree
Marital status	Single
Location	Mountain View

Online locations	Work and mobile
Computer(s)	iPhone and MacBook Pro
Internet usage	8-9 hours

TECHNOPHOBE — TECH WIZ

CDs — MUSIC STREAMING

CASUAL LISTENER — HARDCORE GEEK

Music is essential to Rebecca's life. She is listening to tunes almost every second of her life, particularly while working.

Obstacles Rebecca faces:
- Too busy to explore new music artists she might like
- Streaming music consumes a lot of data

How will Rebecca interact with Spotify?

Questions Rebecca will ask:
- How do I keep updated on new releases by artists I follow?
- How do I learn of new artists I haven't heard of?
- Can I listen to music in a data-efficient manner?
- How can I listen on both my MacBook and my iPhone?

Who influences Rebecca?

Ads, Her own tastes, Friends, Music charts, Co-workers

Rebecca's situation

Goals, motivations:
- Listen to great music to keep her productive at work
- Relax and unwind at the end of the day
- Superior music quality for full enjoyment of tracks
- Expand the circle of music artists she listens to

Key words

music, jazz, r&b, pop, artists, new releases, top charts, background music
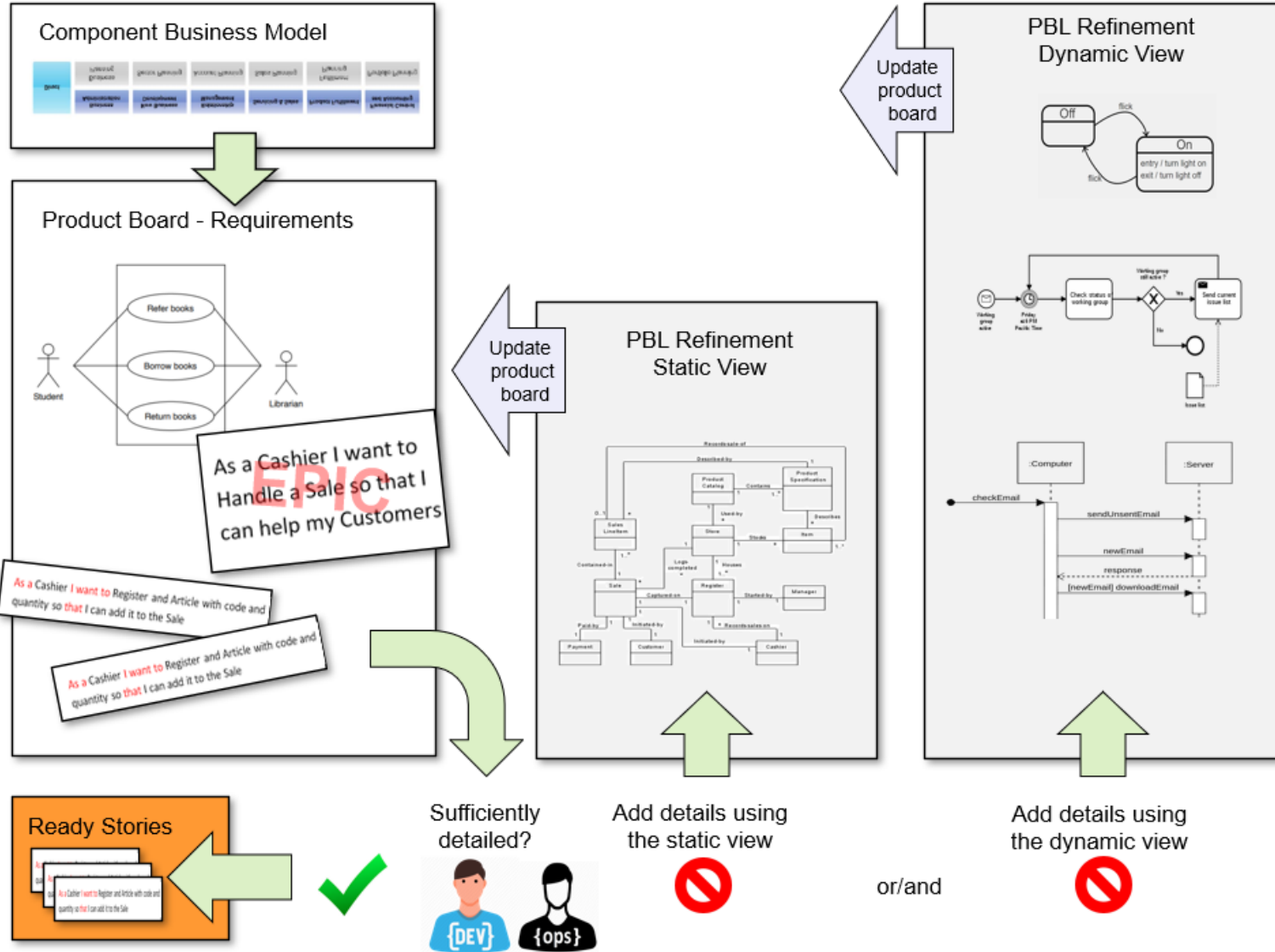
Rebecca's story

Music is a big part of my life; I like to think that I always have a "background music" running in each scene of my life. I love working while listening to music; somehow, it gives me a lot of focus on my task.

I regularly talk to my co-workers about music and singers — that's what we like to talk about over lunch. We're constantly looking for new artists to inspire us and to expand our music library, but lately it seems a little tough to do that. Everything seems to have a "filter bubble" effect, and we keep listening to the same genres and artists.

I really enjoy finding new artists that match my subjective taste, and most of the times I get those from my close friends. I wish there were a way to find more music and artists without having to rely on the serendipity of life!

Example of a persona that shows the six main elements you should include. Name, age, gender, tag line, experience and skills are placed on the left-hand side. The middle column focuses on the context to indicate how they would interact with a product or service. Finally, on the right-hand side some goals and concerns are shared, as well as a short scenario to indicate the persona's attitude.

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The Product Board -Approach

Component Business Model

Product Board - Requirements

As a Cashier I want to Handle a Sale so that I can help my Customers — EPIC

As a Cashier I want to Register and Article with code and quantity so that I can add it to the Sale

As a Cashier I want to Register and Article with code and quantity so that I can add it to the Sale

Update product board

PBL Refinement Static View

Update product board

PBL Refinement Dynamic View

Ready Stories

Sufficiently detailed?

Add details using the static view

or/and

Add details using the dynamic view

Business Analysis Seminar
The Product Board

VISION DOCUMENT

POST

Name

Vision

Persona

Definition of Ready

Constraints

As a Cashier I want to Register and Article with code and quantity so that I can add it to the Sale — 2

As a Cashier I want to Register and Article with code and quantity so that I can add it to the Sale — 3

As a Cashier I want to Register and Article with code and quantity so that I can add it to the Sale — 3

As a Cashier I want to Register and Article with code and quantity so that I can add it to the Sale — 8

As a Cashier I want to Handle a Sale so that I can help my Customer — EPIC

Manager I ... Manage a Catalog ... that I can keep it up date — EPIC

As a Cashier I want to choose between 3 Payment types so that customers have options — EPIC

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Analysis to Determine What is valuable

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What does Agile mean for Business Analysis?

- Refinement of acceptance criteria and development of test cases

- Development of wireframes, low-fidelity, and high-fidelity prototypes

- Elicitation and feedback—including one-on-one and group interviews, job shadowing etc.

- Research of existing documentation, updating the product board

- Requirements analysis, including specification of inputs and outputs, data verification rules, business rules analysis, process analysis, and data modelling

- Monitoring progress of tasks and stories

- Story testing and validation during the code-build-test-deliver cycle

- Managing scope changes after the iteration begins

- Requirements tracing

- Epic, feature, and story preparation

Business Analysis Seminar
What does Agile mean for Business Analysis?

(Given) some context

(When) some action is carried out

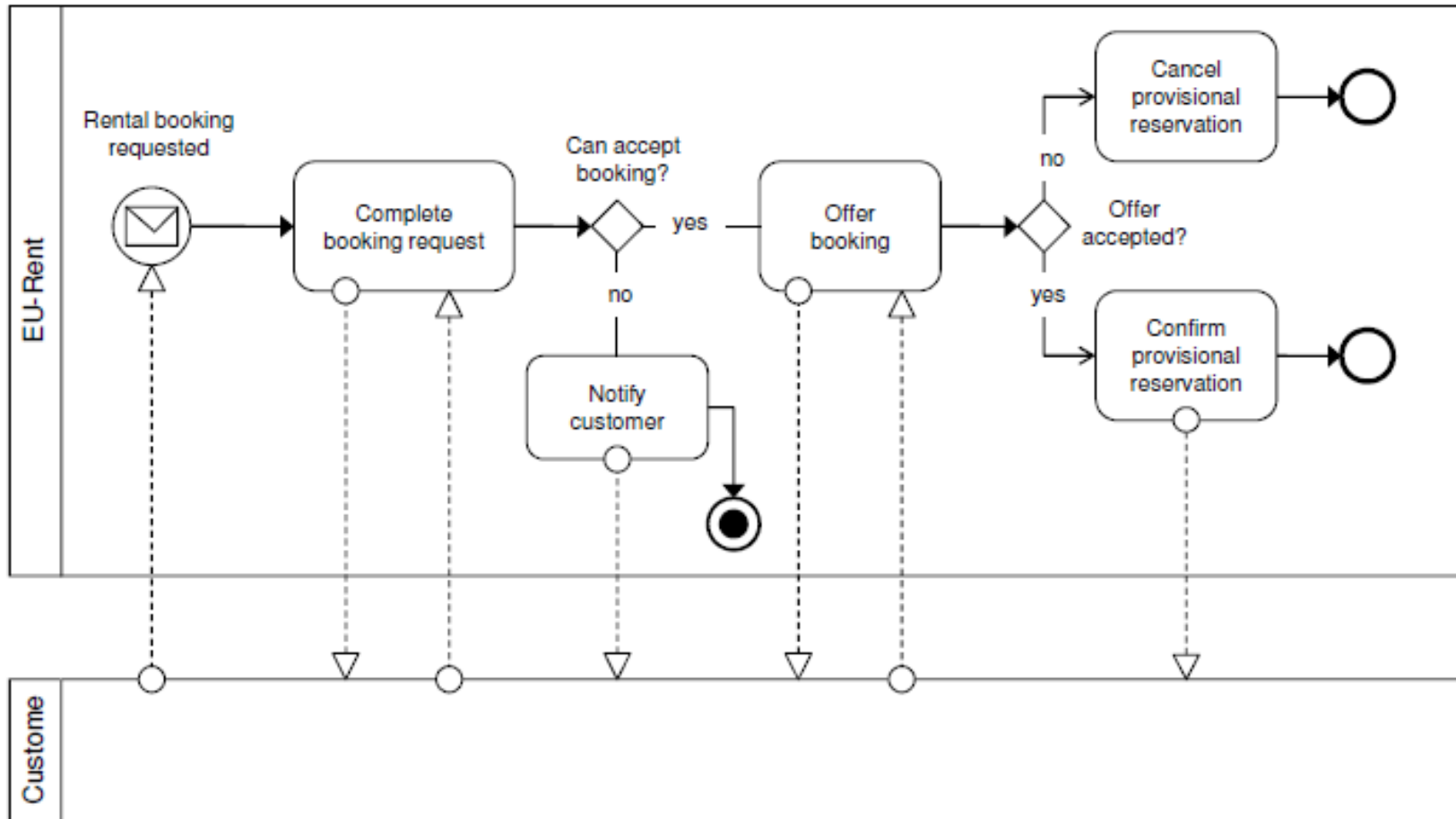(Then) a particular set of observable consequences should be obtained

Given my bank account is in credit,

When I attempt to withdraw an amount less than my card's limit,

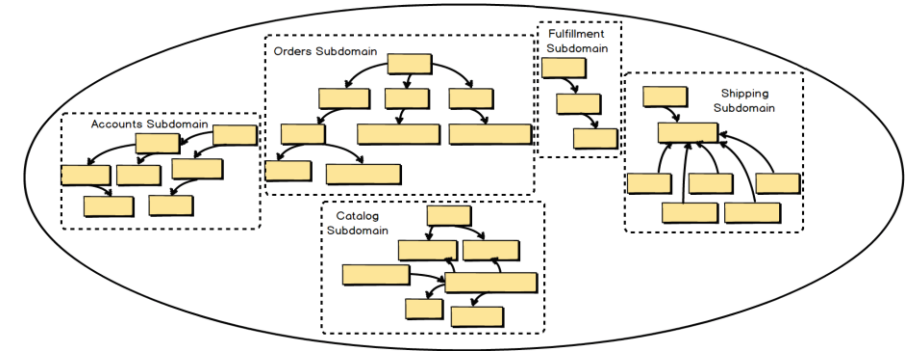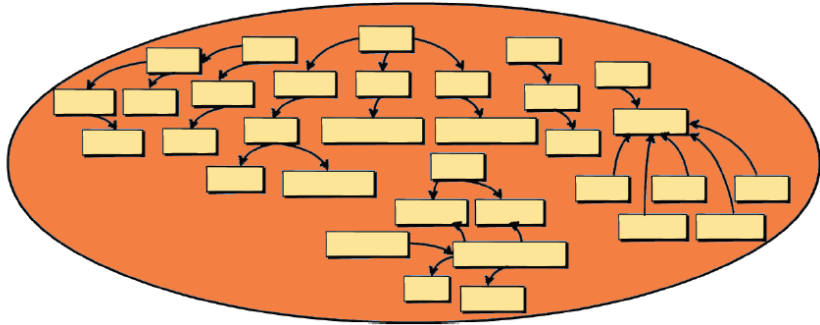*Then* the withdrawal should complete without errors or warnings

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What does Agile mean for Business Analysis?

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Analysis techniques supporting evolution to Microservices

Bounded Context

Ubiquitous Language

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