

Slicing User Stories

- accelerate backlog refinement
- help sprint and release planning
- increase delivered value



Host: Jeff Sutherland
Presenter: Ellen Gottesdiener





Scrum Inc. is the world's leading authority on Scrum.

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EBG Consulting, Inc. is a group of world-renowned experts on product discovery practices.

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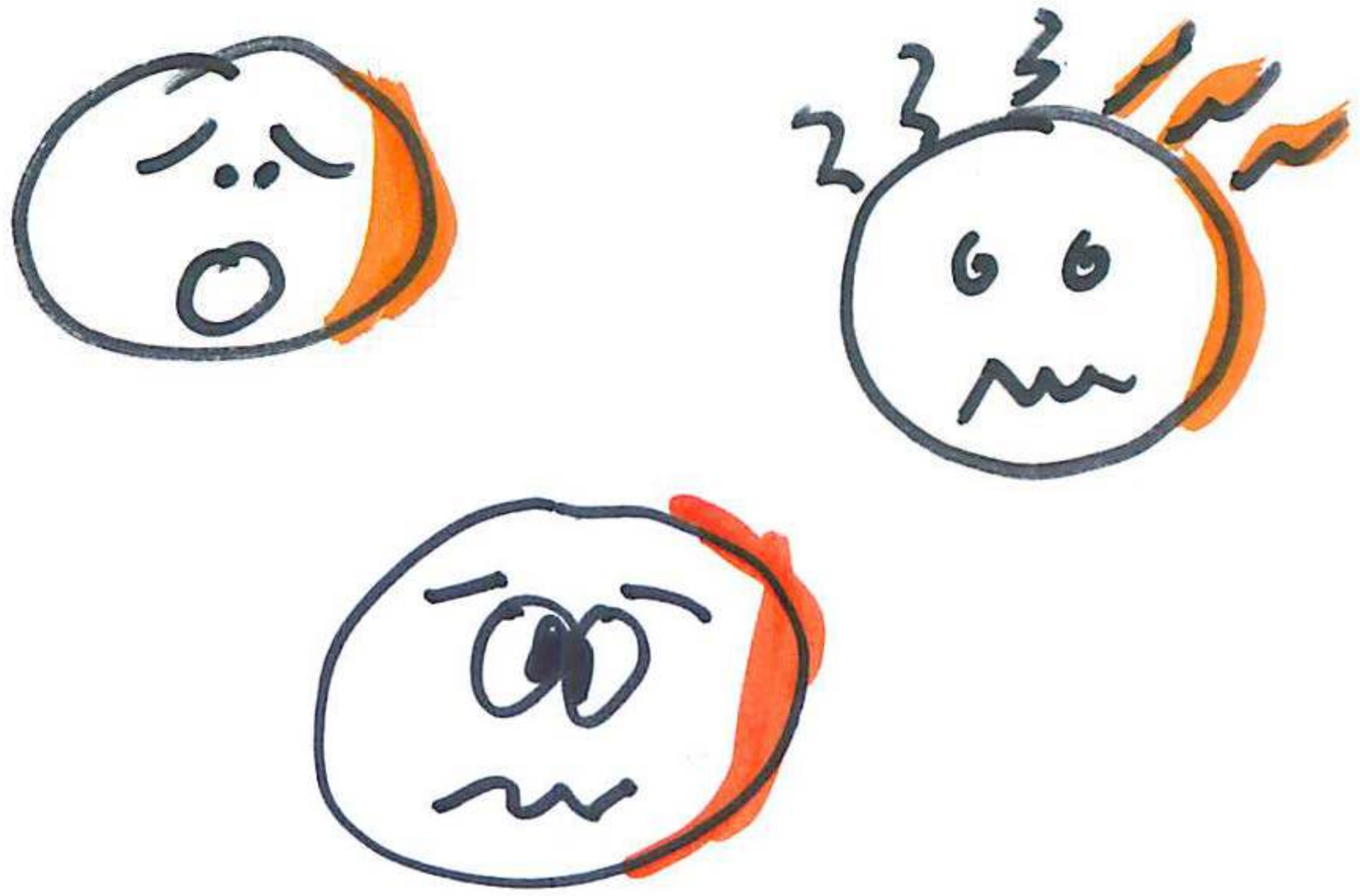
raffle at the end

DISCOVER TO DELIVER
Agile Product Planning and Analysis

Ellen Gottesdiener and Mary Gorman



struggling



*As a customer
I want to buy a product
so I can enjoy it*

1 options and value

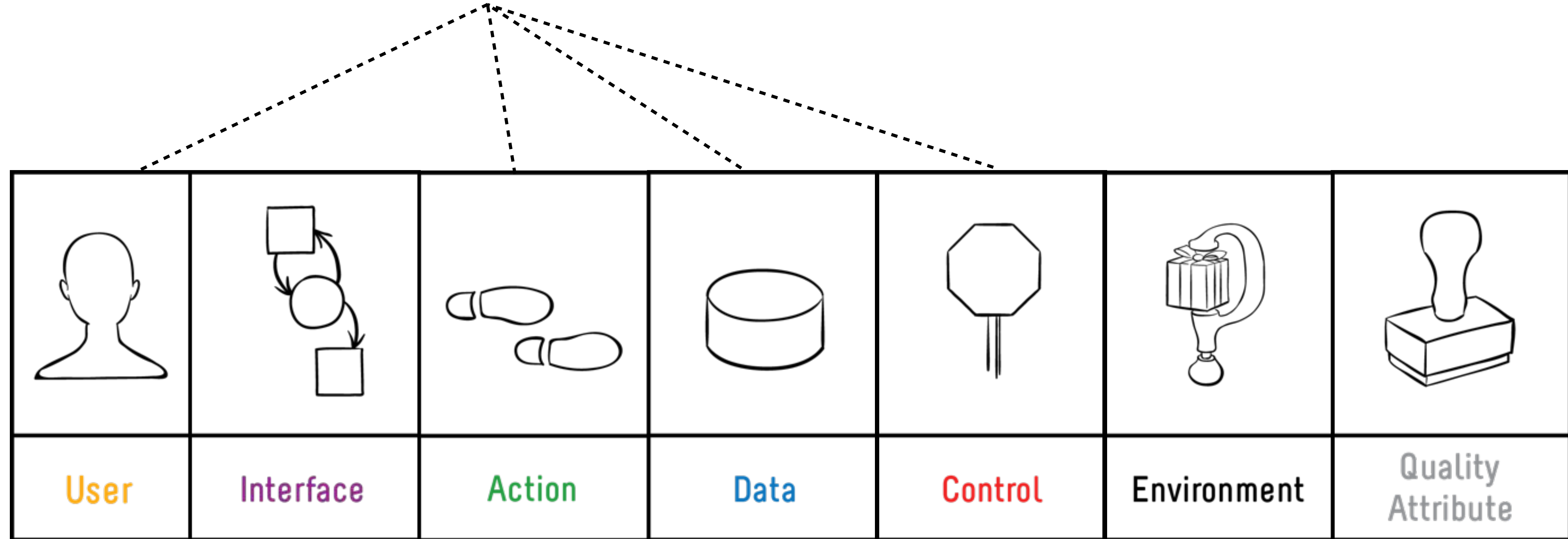
product options

Alternatives, choices, possibilities...
to achieve a goal or solve a problem for its stakeholders.



7 product dimensions

Functional



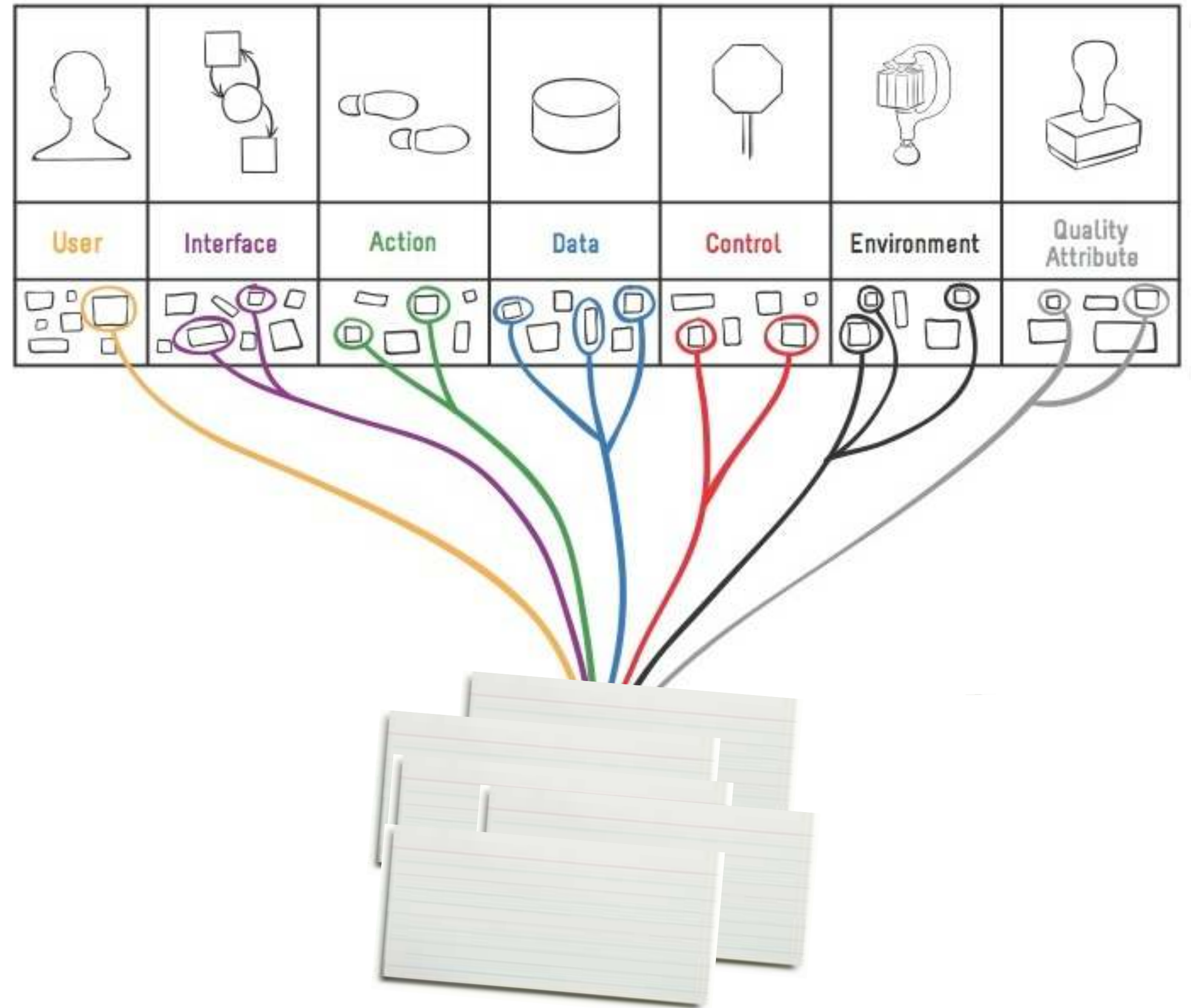
Nonfunctional

product options

Explore Product Options

Identify High Value Options

Assemble Cohesive Combinations



2 slicing

some agile teams



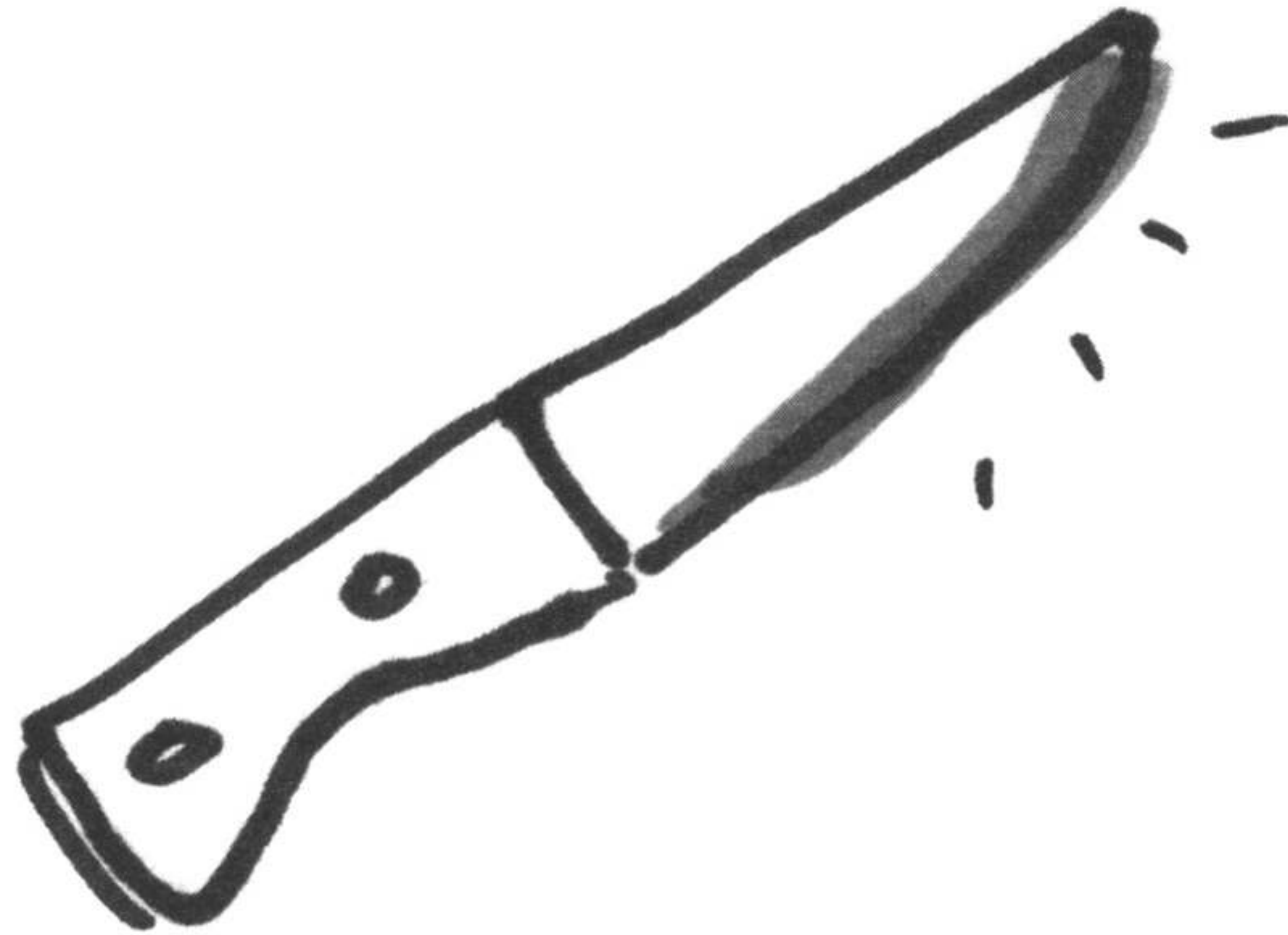
user



action

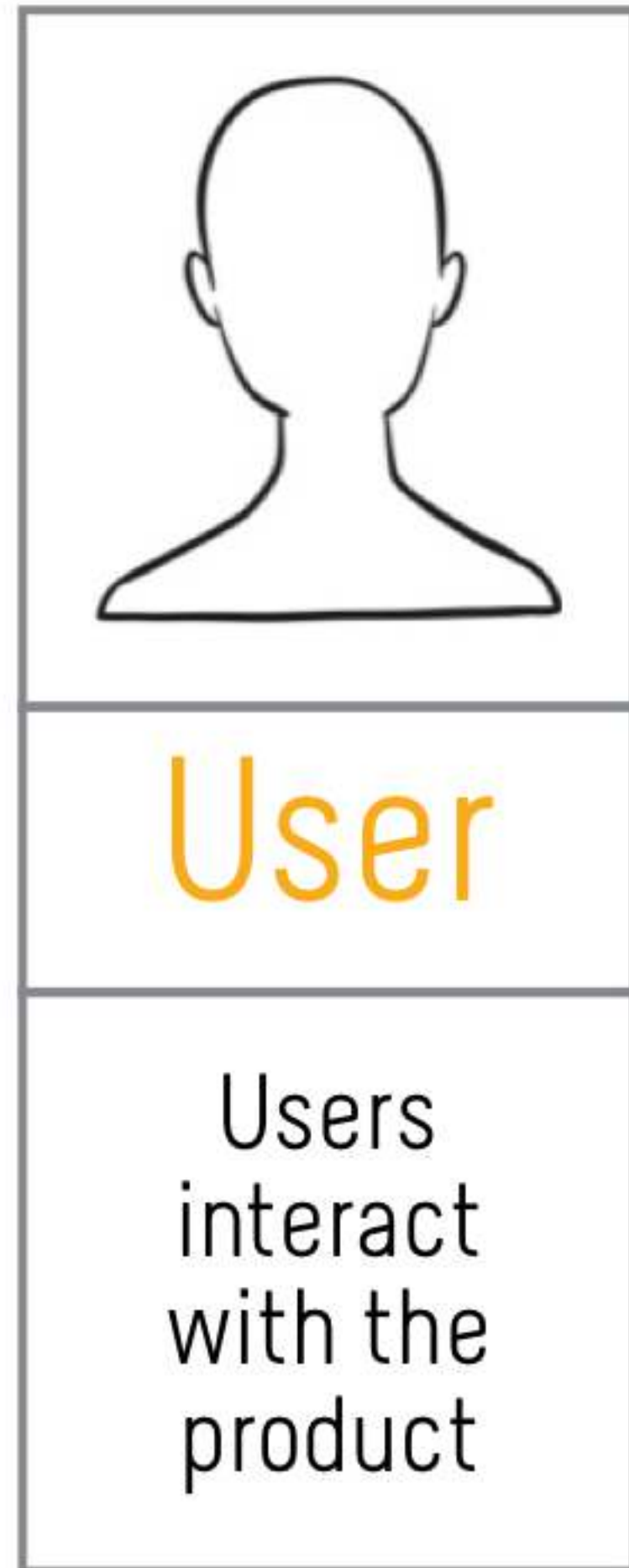
As a *customer*
I want to *buy* a product
so I can enjoy it

slicing for value



User Options

Who wants to buy a product?

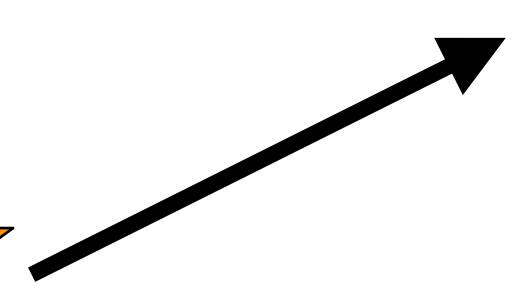


User Options

- Individual Buyer★
- Corporate Buyer
- Club Member Buyer
- Employee Buyer

State Options

- New
- Existing
- Anonymous★
- Inactive



★ Option that yields the highest, immediate value for the next delivery cycle

Action Options



What typically happens when an individual anonymous buyer wants to **buy** a product?

Verify product cost ★

Calculate tax amount

Calculate total purchase amount ★

Apply discount

Apply wrapping fee

Arrange for shipping

Secure payment ★

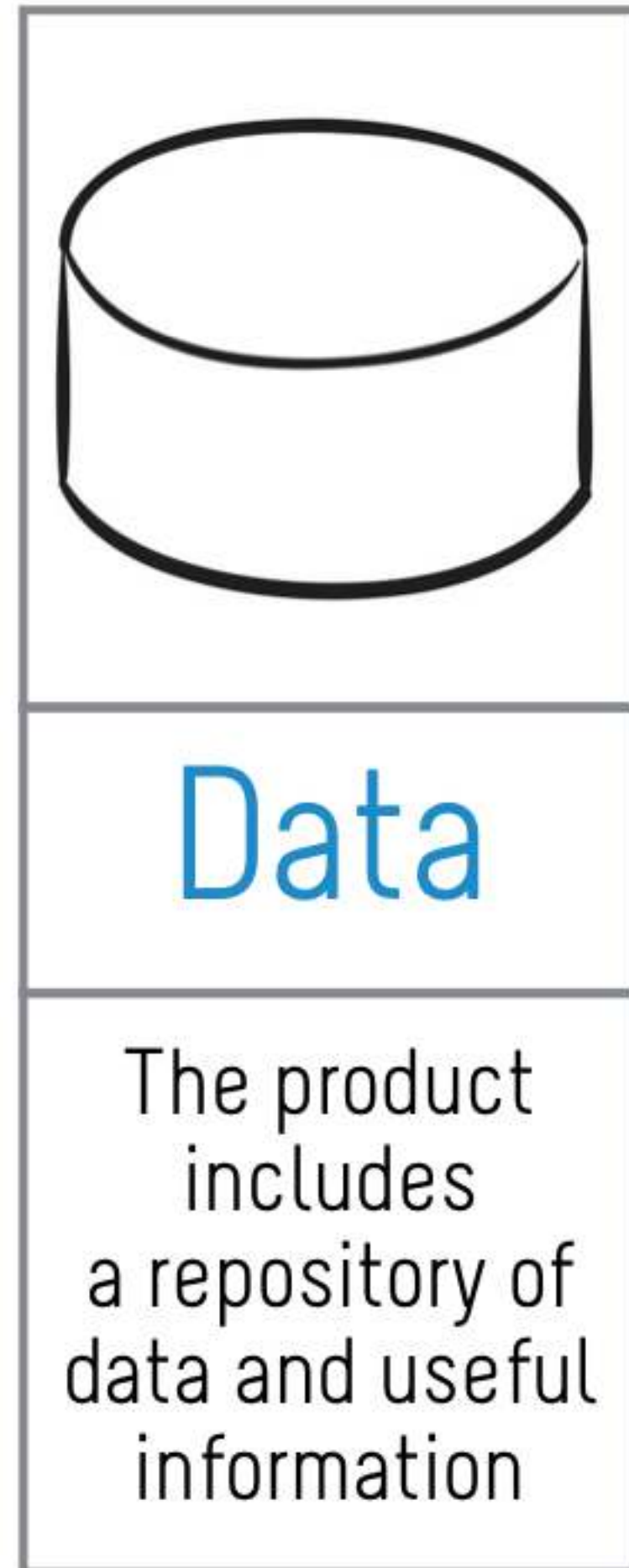
Adjust inventory

Generate receipt ★

Post payment to accounts receivable

Data Options

What data options are available for an individual anonymous buyer?



Data Options

Product ★

Customer

Employee

Purchase ★

Payment ★

Type Options

Book ★

Gift Card

Rewards Membership

State Options

New ★

Used

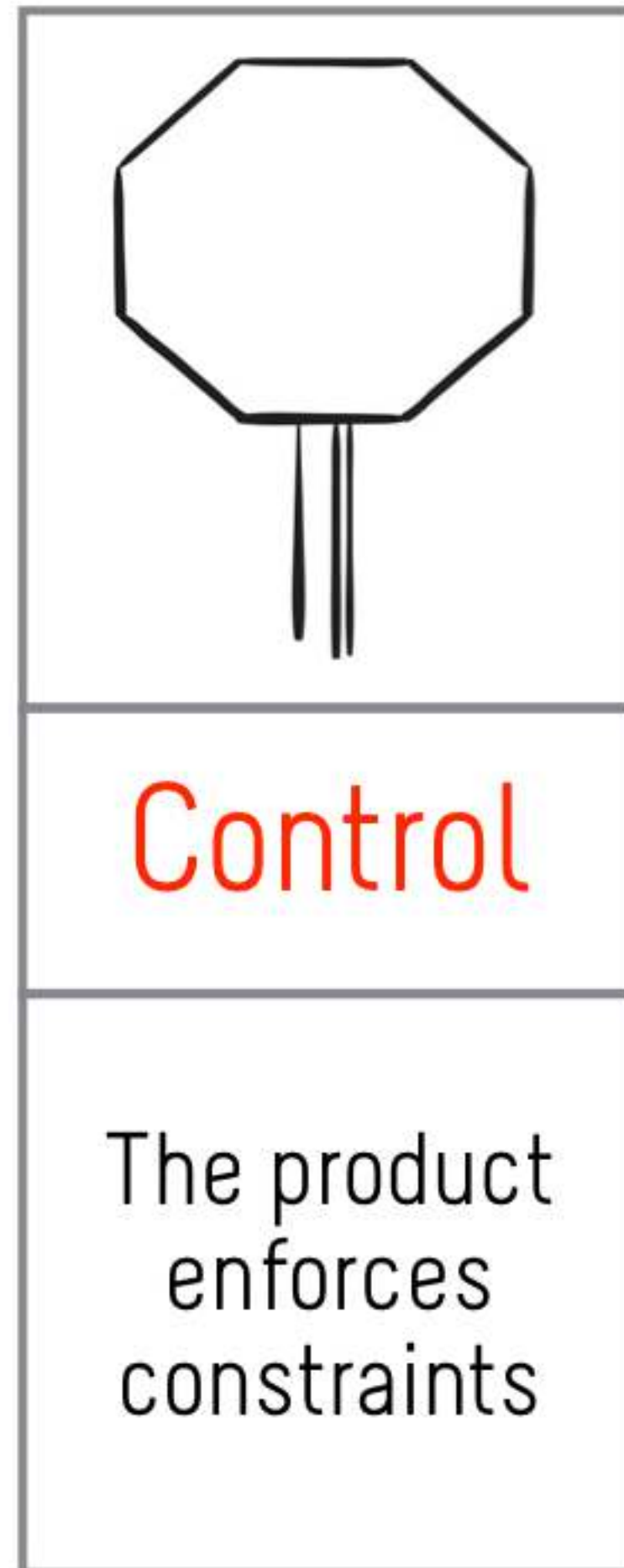
Type Options

Cash ★

Credit

Gift Card

Control Options



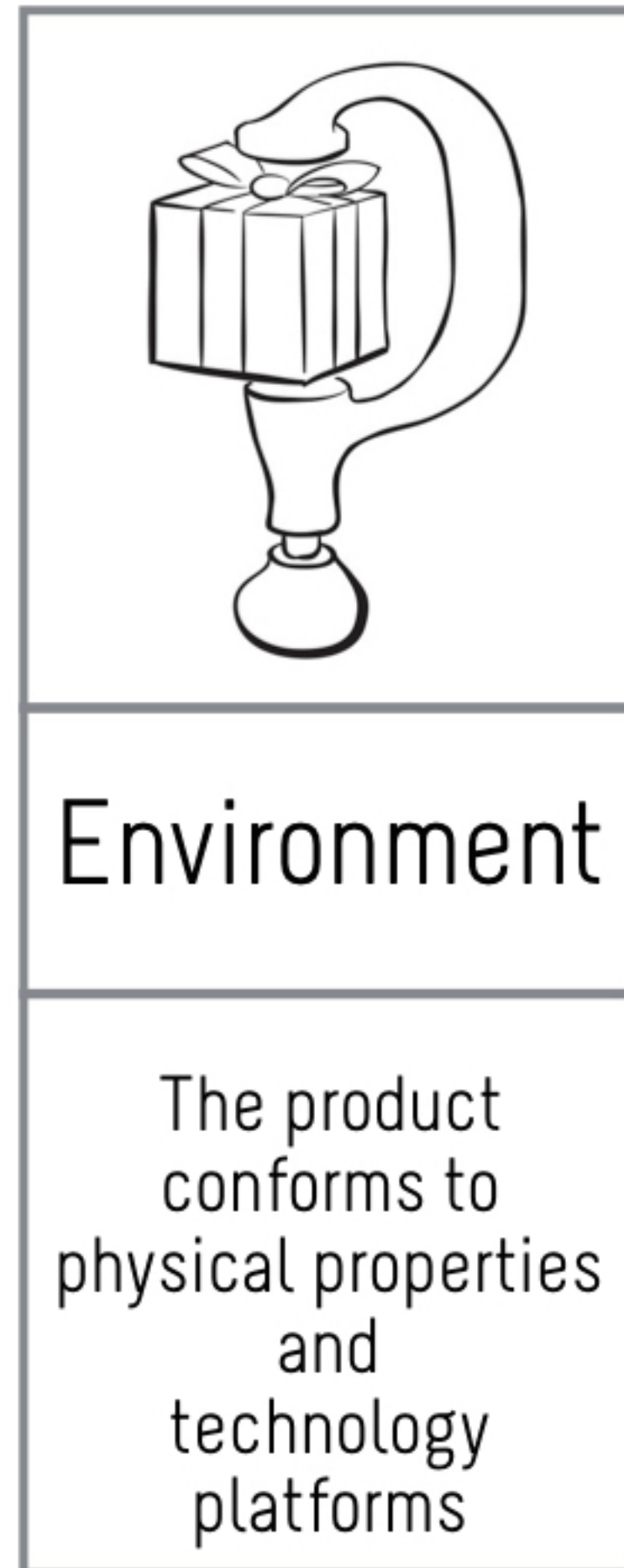
What controls (policies/rules) could be enforced when an individual anonymous buyer buys a new book, paying with cash?

Payment currency must be specific to purchase location★

Cash payment denomination amount must not be greater than

Receipt bar code is designed using...

Environment Options



Where could the individual anonymous buyer be when buying a new book, paying with cash?

In the store ★

Online

On the phone

Interface Options

What interfaces could be used with/by an individual anonymous buyer ?

Cash Payment

Enter into cash machine

Manually provide cash ★

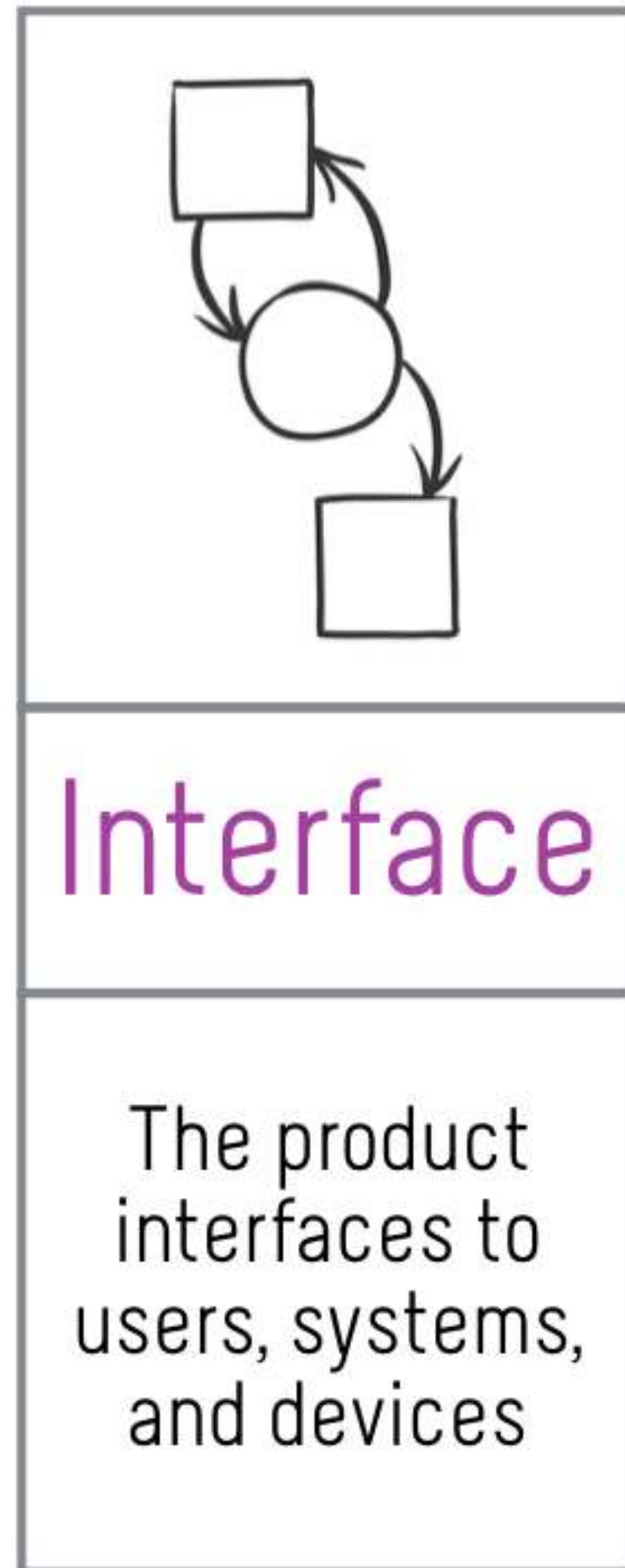
Cash Receipt

Print in store ★

Fax

SMS

Email



Quality Attribute Options

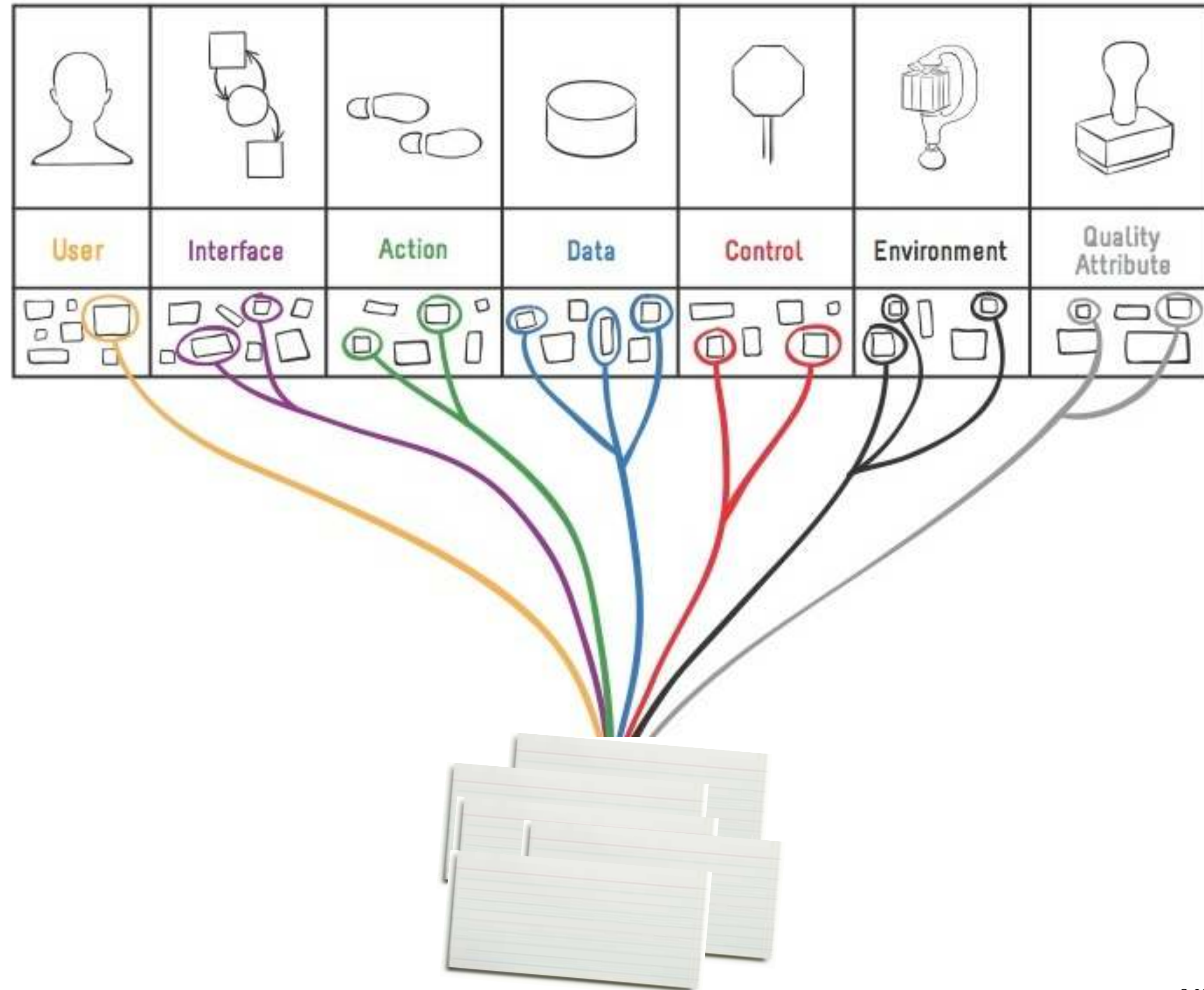


For printing a cash receipt what quality attributes are needed?

- Availability
- Performance ★
- Security
- Usability
- Efficiency
- Interoperability
- and more

Make them quantifiable (testable)!

assemble options



sliced story with 7 dimensions

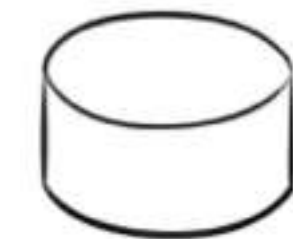
As a **individual anonymous buyer**
I need to **purchase**
a new book (cash payment)
so I can enjoy reading it



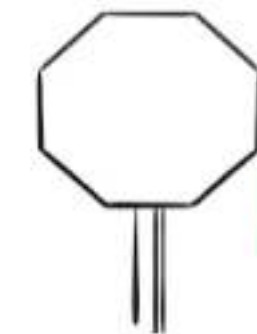
User



Action



Data



Control



Interface

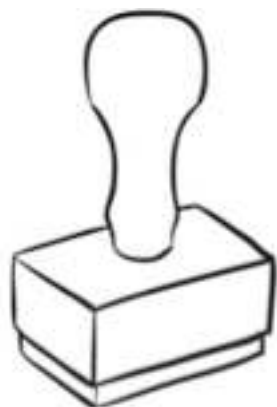
back of card

Verify product price, calc total...
Payment currency must be specific...
In the store
Manually provide cash, printer for receipt
Response time to print cash receipt...

Environment



Quality
Attribute



confirm stories

As a **individual anonymous buyer**
I need to **purchase**
a new book (cash payment)
so I can enjoy reading it

scenario ↔ **example** ↔ **test**

an instance of use

a scenario that contains
actual data values

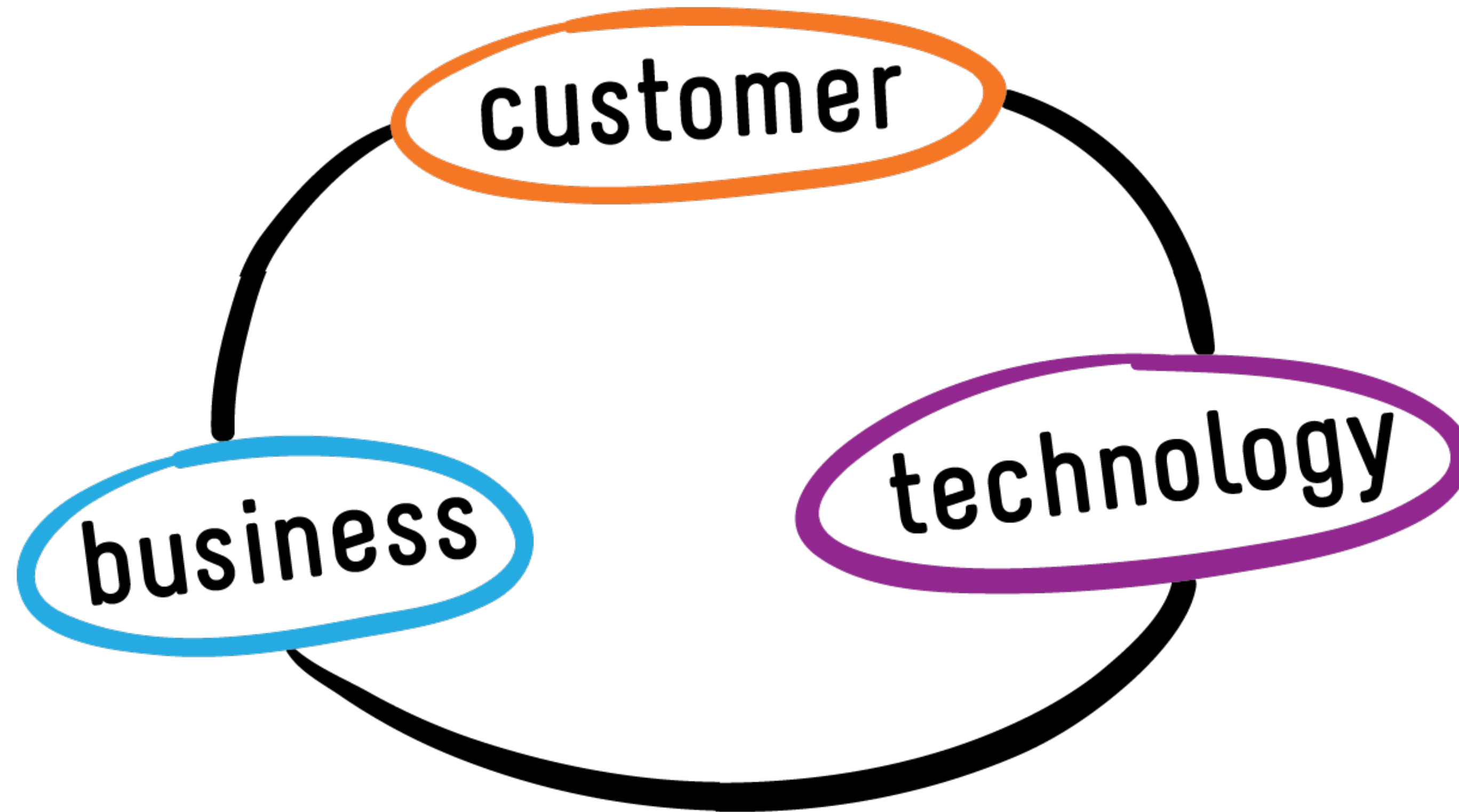
concrete, unambiguous
acceptance criteria

3 collaborating

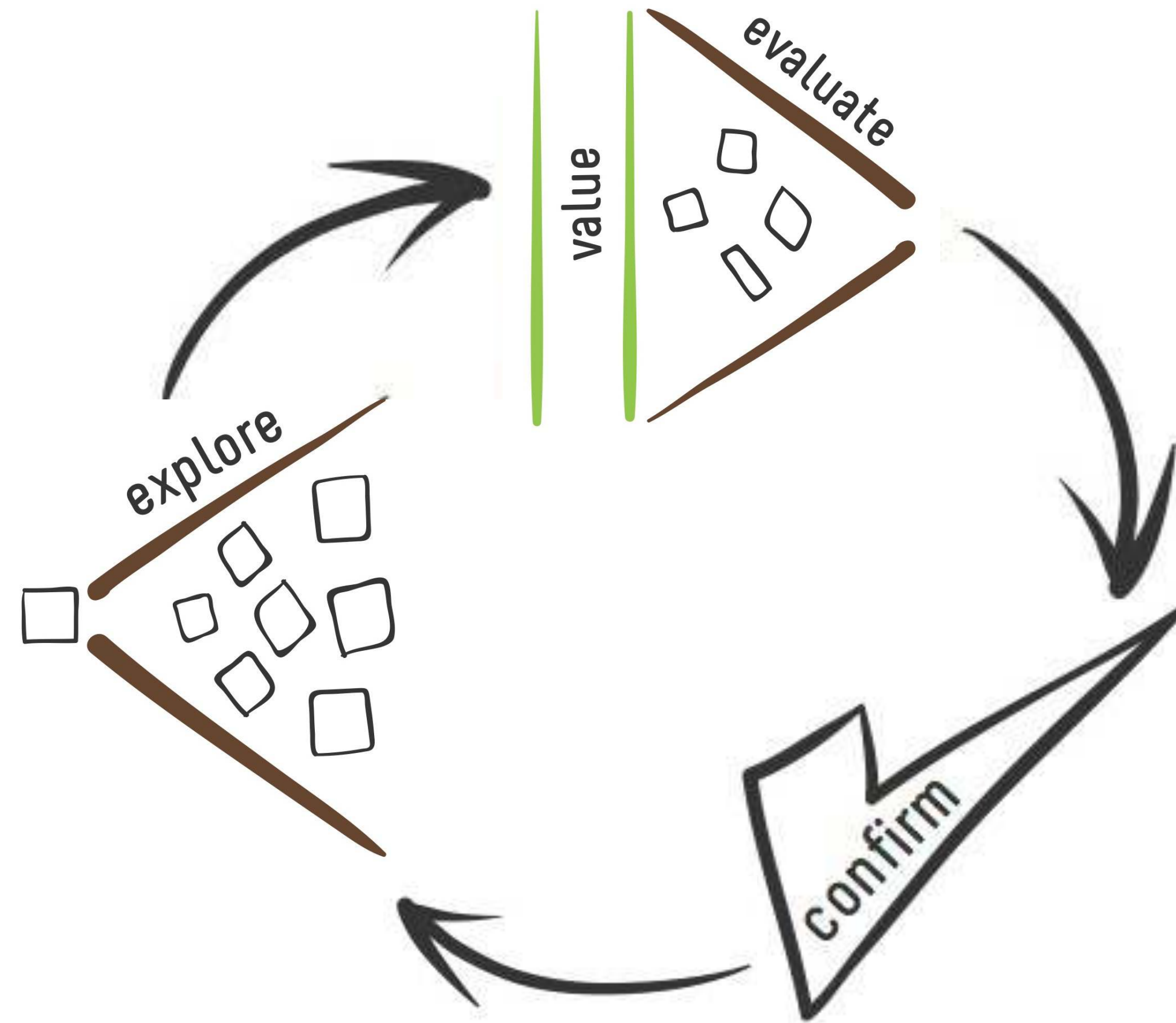
collaboration



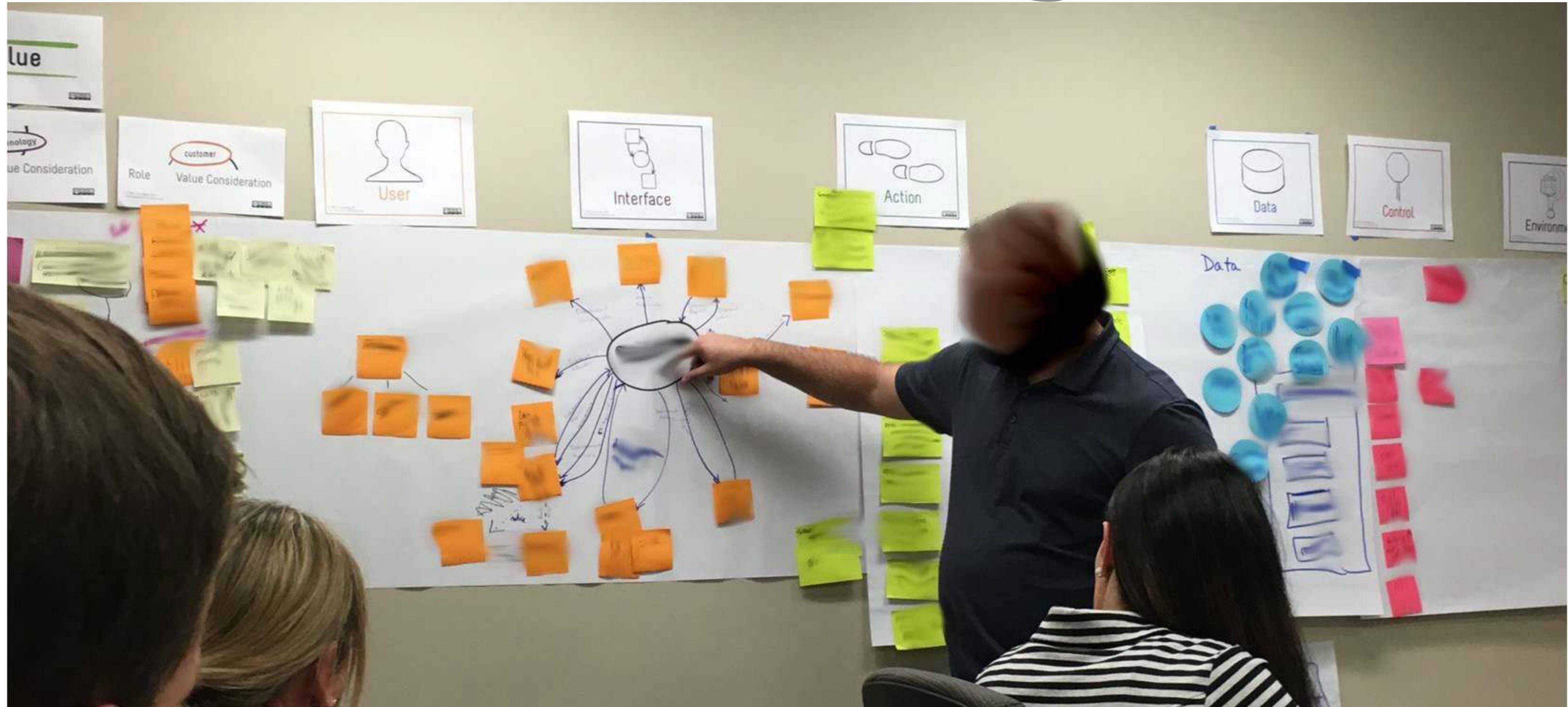
product partners



structured conversations

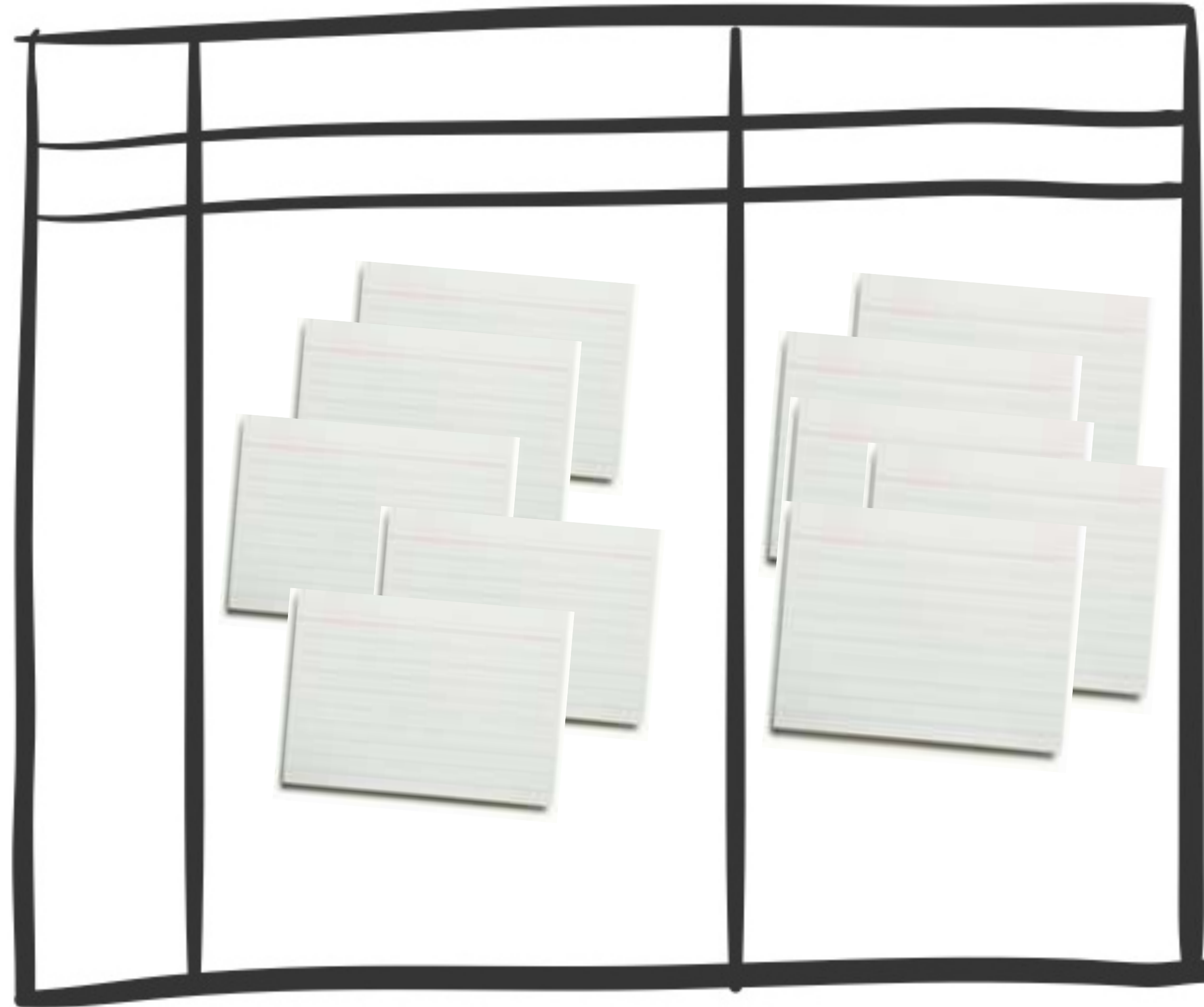


visualizing



Download Options Board Kit at <http://www.discovertodeliver.com/visual-language.php>

planning



wrap

7 product dimensions

Feature / MMF



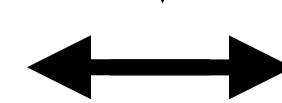
Story



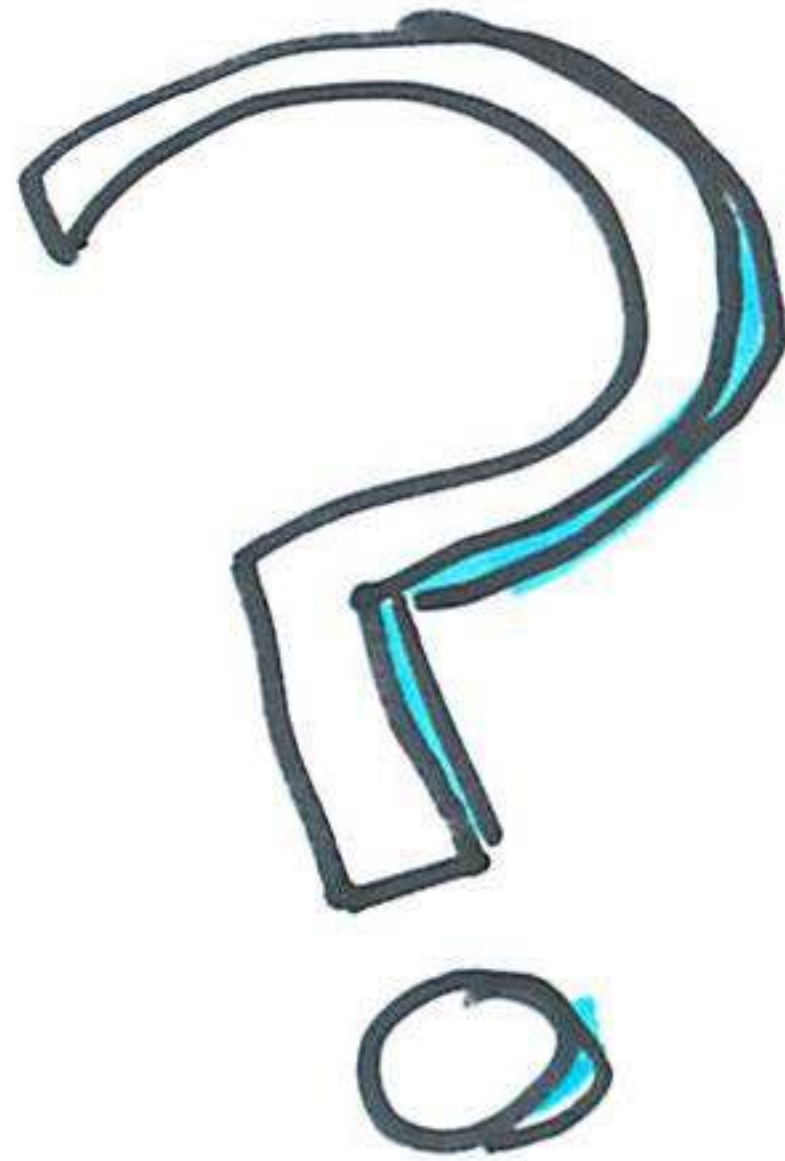
User	Interface	Action	Data	Control	Environment	Quality Attribute



READY Story



Acceptance Criteria



raffle

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