Example Mapping:
A Structured, Collaborative Discovery Technique

Seb Rose
Example mapping
- a structured, collaborative discovery technique

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Requirements
Requirements

- Have you thought about …
- Give me an example.
- Is that always true?
- Is there something else that needs to happen?
- What would happen if … ?
Example map

Introducing Example Mapping

https://cucumber.io/blog/2015/12/08/example-mapping-introduction

https://www.youtube.com/watch?v=VwvrGfWmG_U
Synonyms

Rule
Synonyms

Requirement

Rule
Synonyms

- Requirement
- Rule
- Acceptance criterion
A sample rule

Only library members are permitted to reserve items
Reserving a book at the library

At the library, it’s free to take out books that are on the shelves, but there is a charge of £1.00 if you want to reserve an item that’s currently out on loan.
Reserving a book at the library

At the library, it’s free to take out books that are on the shelves, but there is a charge of £1.00 if you want to reserve an item that’s currently out on loan.

Apply reservation charges to library members

Members pay a reservation charge of £1
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Andrew reserves a book
He is charged £1
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Apply reservation charges to library members

- Members pay a reservation charge of £1 per item
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- He is charged £1

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- He is charged £1 £2

Is there a limit to the number of books that can be reserved?
Anatomy of an example
Anatomy of an example

Context
Anatomy of an example
Anatomy of an example

Context → Action → Outcome
Anatomy of an example

Context

Action

Outcome

Andrew reserves a book
He is charged $1
Anatomy of an example

Context

Action

Outcome

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Andrew reserves one book
Anatomy of an example

**Context**

Andrew reserves one book

**Action**

Andrew is charged $1.00

**Outcome**

Andrew reserves a book
He is charged $1
Library members pay a reservation charge of $1 per item

Anatomy of an example

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Andrew reserves one book

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Anatomy of an example

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Andrew is a library member

**Action**
Andrew reserves one book

**Outcome**
Andrew is charged $1.00

Library members pay a reservation charge of $1 per item
Capturing an example - prose
Capturing an example - prose

Andrew reserves a book
He is charged £1
Capturing an example - columns

<table>
<thead>
<tr>
<th>Library member</th>
<th>Reserves a book</th>
<th>Charged £1</th>
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</table>

Capturing an example - symbols

- Andrew is a library member
  * Andrew reserves a book
  => He is charged £1
Capturing an example - sketch

Membership number: A1234

New book title Reserve?

Watership Down

Charge: £1.00
Visual feedback
Visual feedback

Story
Visual feedback

- Story
- Rule
- Rule
Visual feedback
Visual feedback

Story

Rule

Example

Example

Example
Visual feedback

- Story
  - Rule
    - Example
    - Example
    - Example
  - Rule
    - Example
- Question
Visual feedback

- Story
  - Rule
    - Example
    - Example
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Visual feedback

- Rule
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- Example
- Rule
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Visual feedback
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Rule

Rule

Rule

Story
Remote working - spreadsheet

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Remote working - Mindmup

- Reserve one book
  - Get charged £1.00

- Reserve two books
  - Get charged £2.00

- Members pay a reservation charge of £1 per item

- Apply reservation charges to library members

- Is there a limit to the number of books that can be reserved?

- Child members can reserve children's books for free
Remote working - Miro
Remote working - CucumberStudio
In my experience ...
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Keep example mapping short (less than 30 minutes)
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- High bandwidth is priority (don't use Given/When/Then)