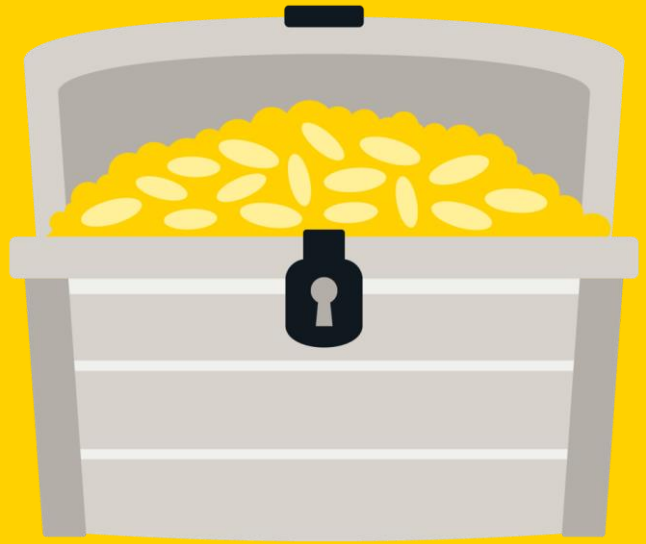
Unlocking value through ATDD & UX



Testing Assembly 27.11.24

Vilma Pohjonen

Eficode

Acronyms!?

"UX, ATDD, XYZ…
That's my cue to exit!"

User e**X**perience

Acceptance
Test
Driven
Development

eficode

Lessons from my favorite DIY Masters

How to roast a frozen chicken?

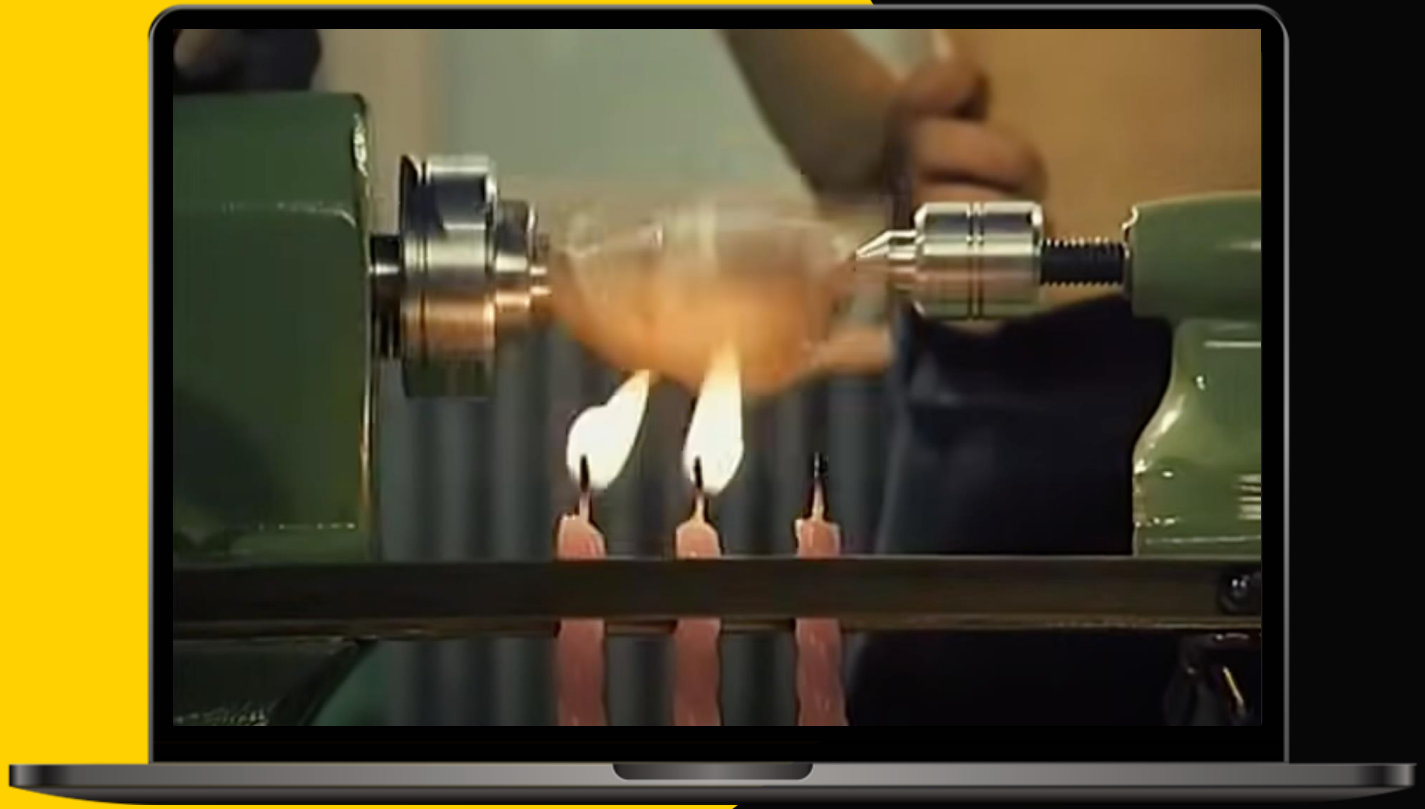
Pat & Mat

Attempt #1

eficode

Attempt #2

eficode



Attempt #n

eficode

Users shouldn’t have to invent DIY solutions to reach their goals

We can proactively understand their needs and deliver solutions directly

Who am I?

Advisor & Coach @ Eficode

MSc. Human-Technology Interaction

ATDD & UX advocate

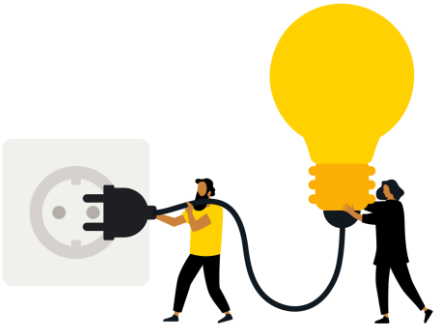
Avid concert-goer

Travel enthusiast

In this talk, I'll explore how we can

Prioritize user needs from the start

Engage teams in meaningful collaboration



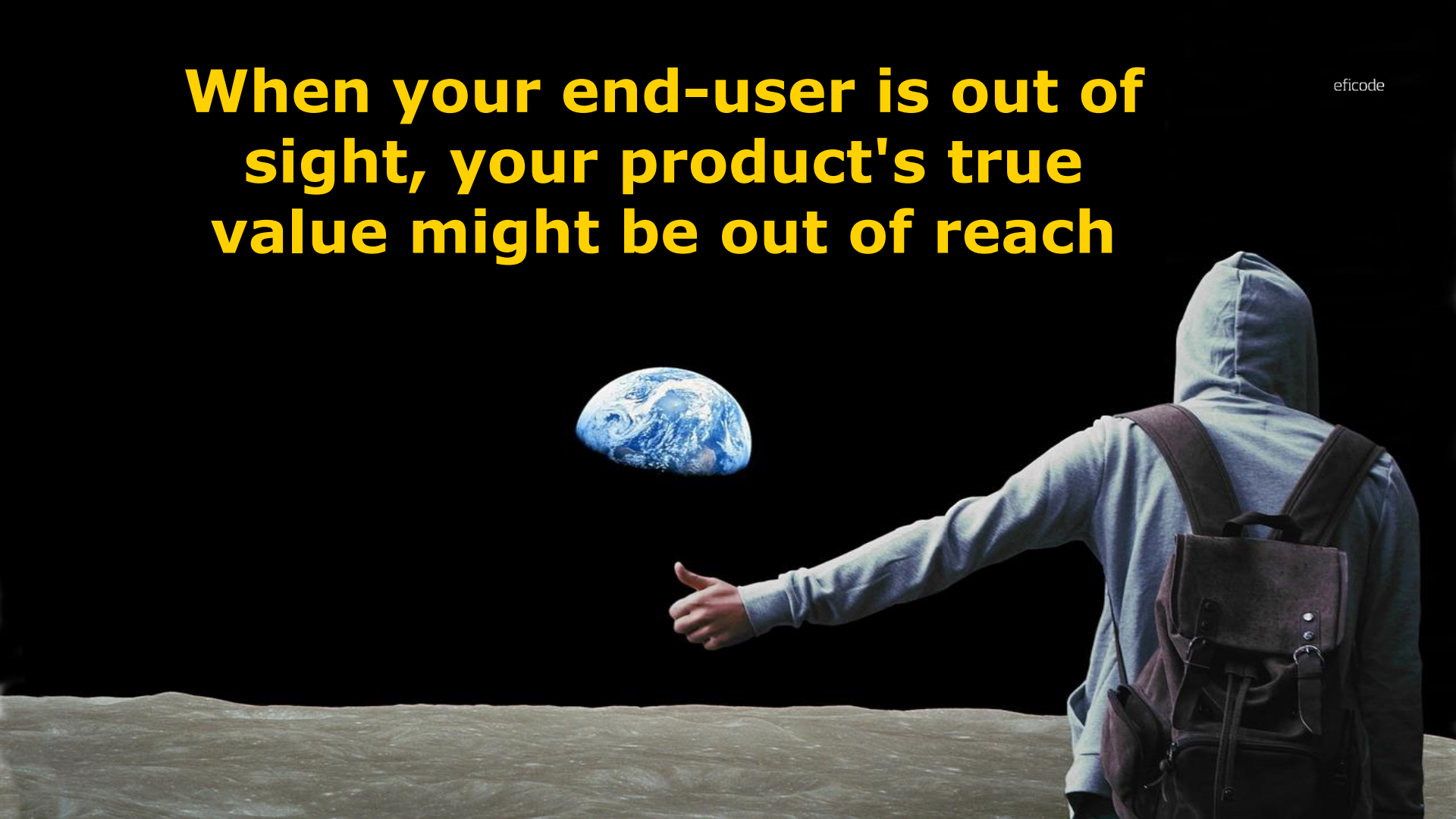
Define clear scenarios to focus on value

eficode

TIP #1

Seek to understand!

When your end-user is out of sight, your product's true value might be out of reach



eficode

Collect Insights from

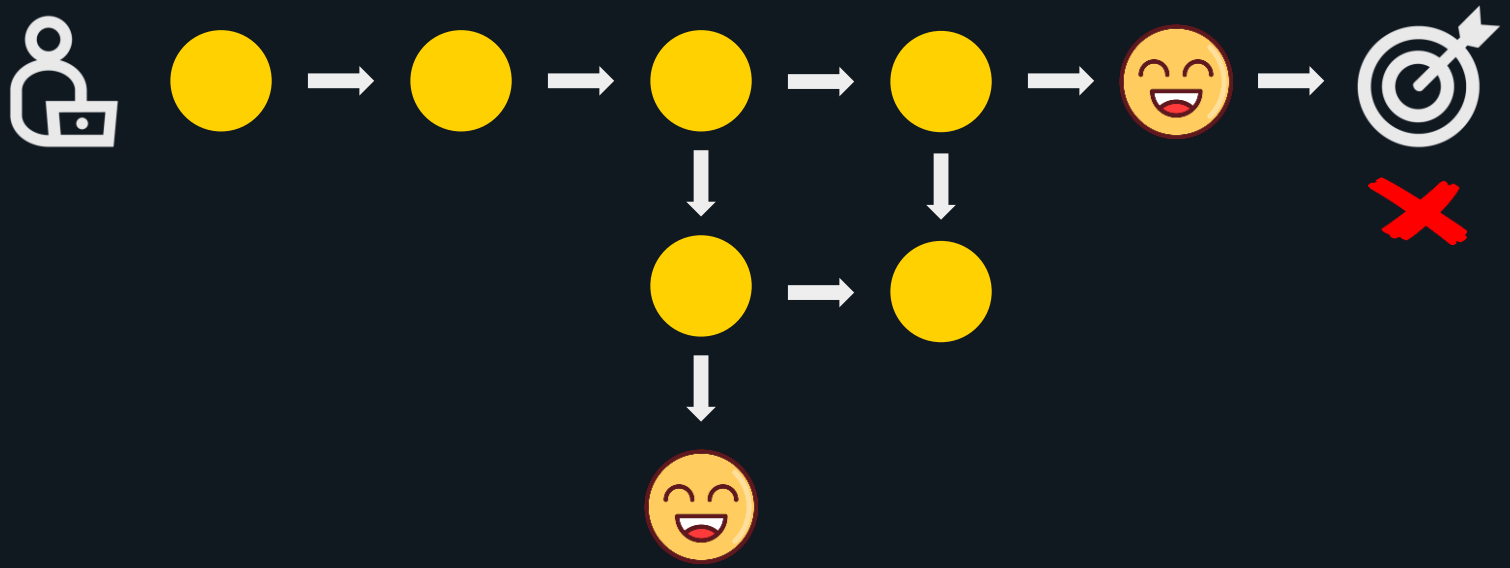
Interviews
Feedback
Requests
Observations
...

To Understand

Pains
Needs
Tasks
Goals

Why context matters?

eficode



I want coffee!

Brew coffee remotely

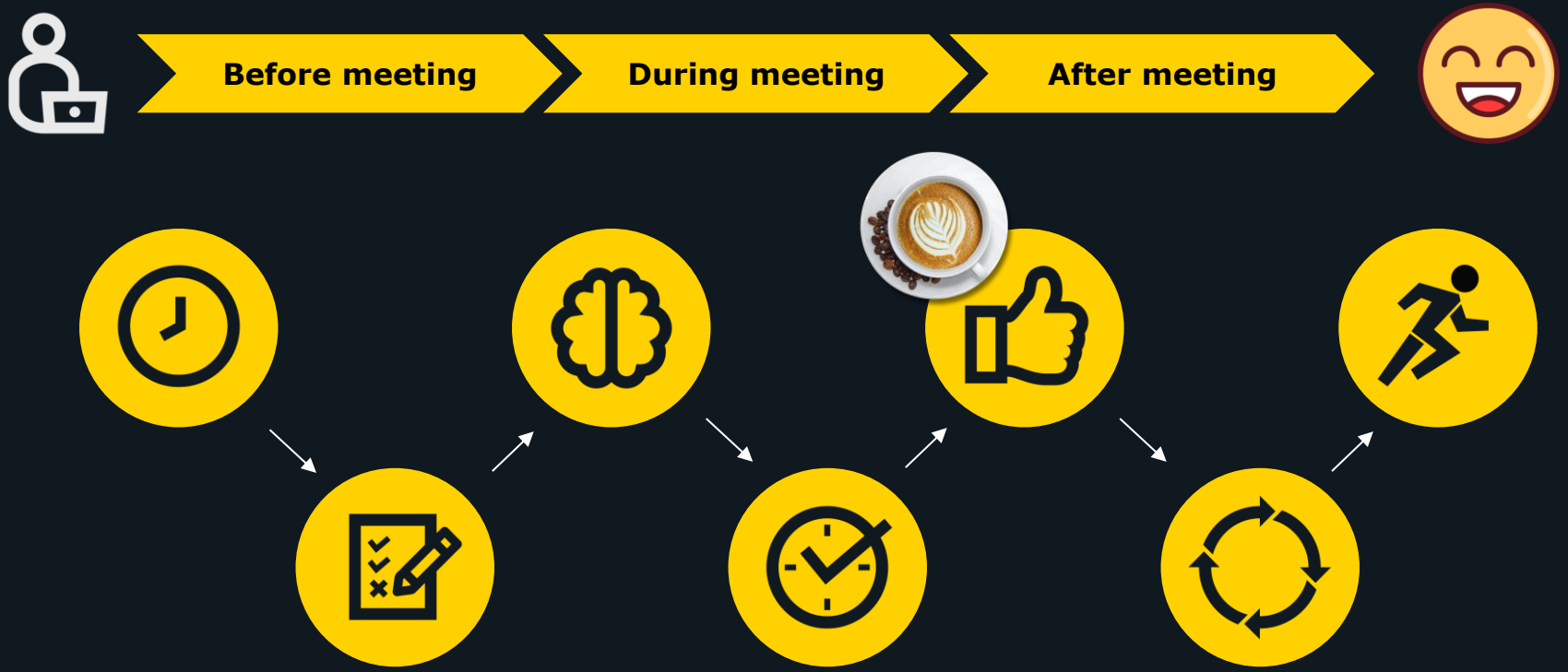
As a busy consultant,

I want to be able to start brewing coffee remotely from my phone,

so that I can have a fresh cup waiting when I reach the kitchen

The coffee journey

eficode



eficode

TIP #2

Have conversations!

eficode

YES,

a conversation requires more than one person

Zoom in on a journey step

eficode

Before meeting | **During meeting** | **After meeting**

Schedule brew in advance

As a busy consultant,

I want to be able to schedule the brew in advance,

so that I can keep up with my busy schedule

What IF?

… maintenance window overlaps with the schedule?

?

?

… user doesn’t confirm the schedule and closes the app?

… several users try to schedule the brew to start at the same time?

… device loses connectivity while scheduling the brew?

… user wants to reschedule the brew?

?

Not just functionality, but what about

Usability

Compliance

Security

Performance

Reliability

Accessibility

eficode

TIP #3

Slice and dice!

Identify key scenarios

eficode

What if user wants to reschedule the brew?	Allow rescheduling before the brew start
What if several users try to schedule the brew to start at the same time?	Notify users of the conflict and offer the next available time slots
What if maintenance window overlaps with the schedule?	Show user only time slots that are available

Define a scenario

eficode

Scenario: Reschedule the brewing time

Given	the user has already scheduled a brew
When	the user changes the scheduled brew to a new time
Then	the brewing schedule is updated accordingly

Description

Prerequisites

User actions

Expected outcome

Apply to any type of scenario

Scenario: Provide an accessible notification

Given	the user has accessibility settings enabled on their device
When	a notification is triggered by the system
Then	the system should deliver the notification according to the user’s accessibility settings

Accept with confidence

How do we turn insights into real product value?

Discover

Define

Specify

Thank you!