

Agile Australia 2015

17 June 2015

By
Dipesh Pala

10 EASY WAYS TO BREAK UP

IBM[®]

I THINK YOU SHOULD BREAK UP WITH ME.



I'M NOT REALLY COMFORTABLE WITH THAT. HOW ABOUT YOU BREAK UP WITH ME?



Why are real life break ups so difficult?

Why are real life break ups so difficult?

Risky



Why are real life break ups so difficult?

Risky

Dependency



Why are real life break ups so difficult?

Risky

Dependency

Complex



Why are real life break ups so difficult?

Risky

Dependency

Complex

Expensive



Why are real life break ups so difficult?

Risky

Dependency

Complex

Expensive

Lack of Confidence



Why are real life break ups so difficult?

Risky

Dependency

Complex

Expensive

Lack of Confidence

Not knowing When or How to Break Up!



Break Up Difficulty

Real Life

User Stories

Risky



Dependency



Complex



Expensive



Lack of Confidence




Not knowing When or
How to Break Up



CSV-Stats

Story Points: **2**



As an Administrator
I want to download page
views as CSV
so that I can graph them in
Excel

Priority: medium



Three C's by Ron Jeffries

CARD

CONVERSATION

CONFIRMATION

User Story Card



*This is an invitation to have a
Conversation
that will result in
Confirmation
of the requirements*



Three C's by Ron Jeffries

CARD

CONVERSATION

CONFIRMATION

+1 more

C



Three C's by Ron Jeffries

CARD

CONVERSATION

CONFIRMATION

+1 more

COMMITMENT



Bill Wake's INVEST Model

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Risky

Expensive

Dependencies
Complex

Lack of Confidence

DIFFICULTIES



EXCUSES



OPPORTUNITIES

**Break Up Tip
#1**

Excuse

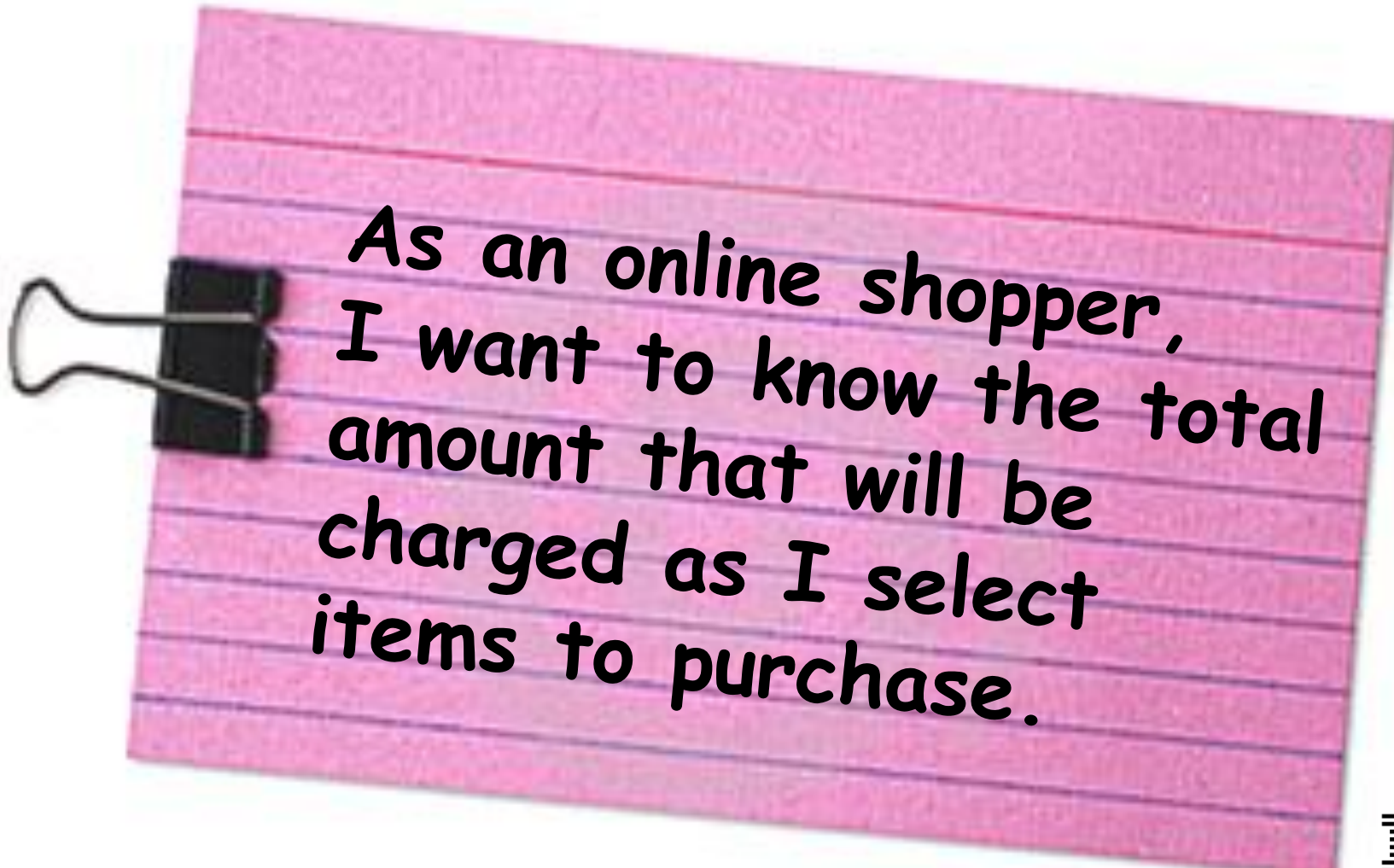
**This story
is too
Complex**

Consideration

**Does the story
describe a
workflow?**

**Take a thin slice
through the
workflow and
enhance it later**

Opportunity



As an online shopper,
I want to know the total
amount that will be
charged as I select
items to purchase.

Design

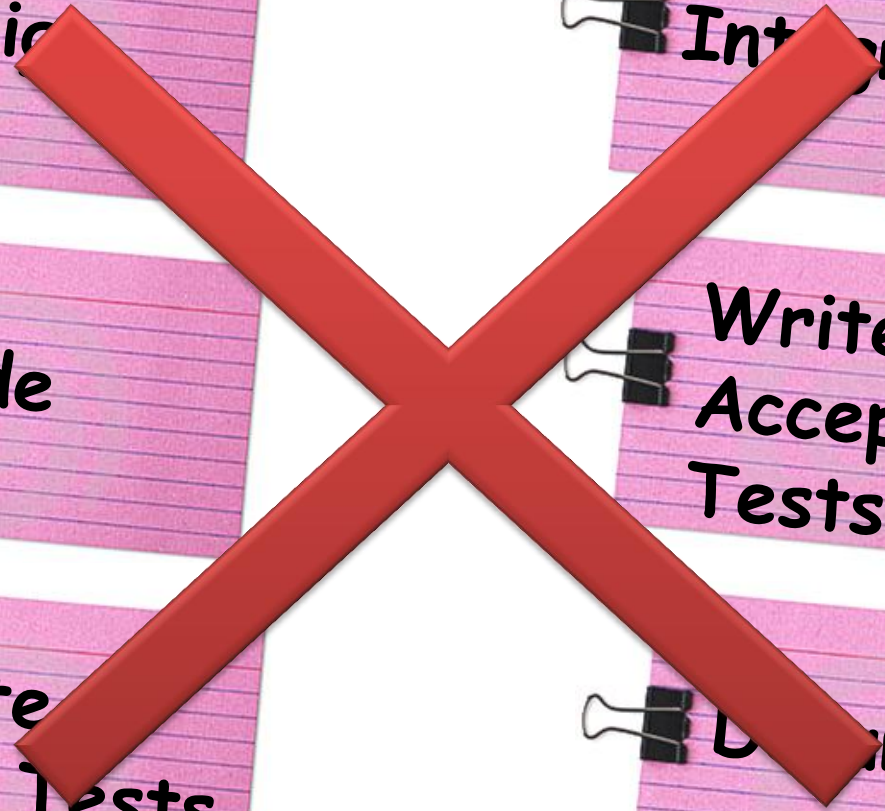
Integration

Code

Write
Acceptance
Tests

Write
Unit Tests

Document



Original User Story

As an online shopper,
I want to know the
total amount that will
be charged as I select
items to purchase.

Suggested split by slicing the workflow:

Calculate the Total Payment Amount...

...when a
product is
added

...when a
product is
removed

...after
shipping
details are
entered

...after
checkout

**Break Up Tip
#2**

Excuse

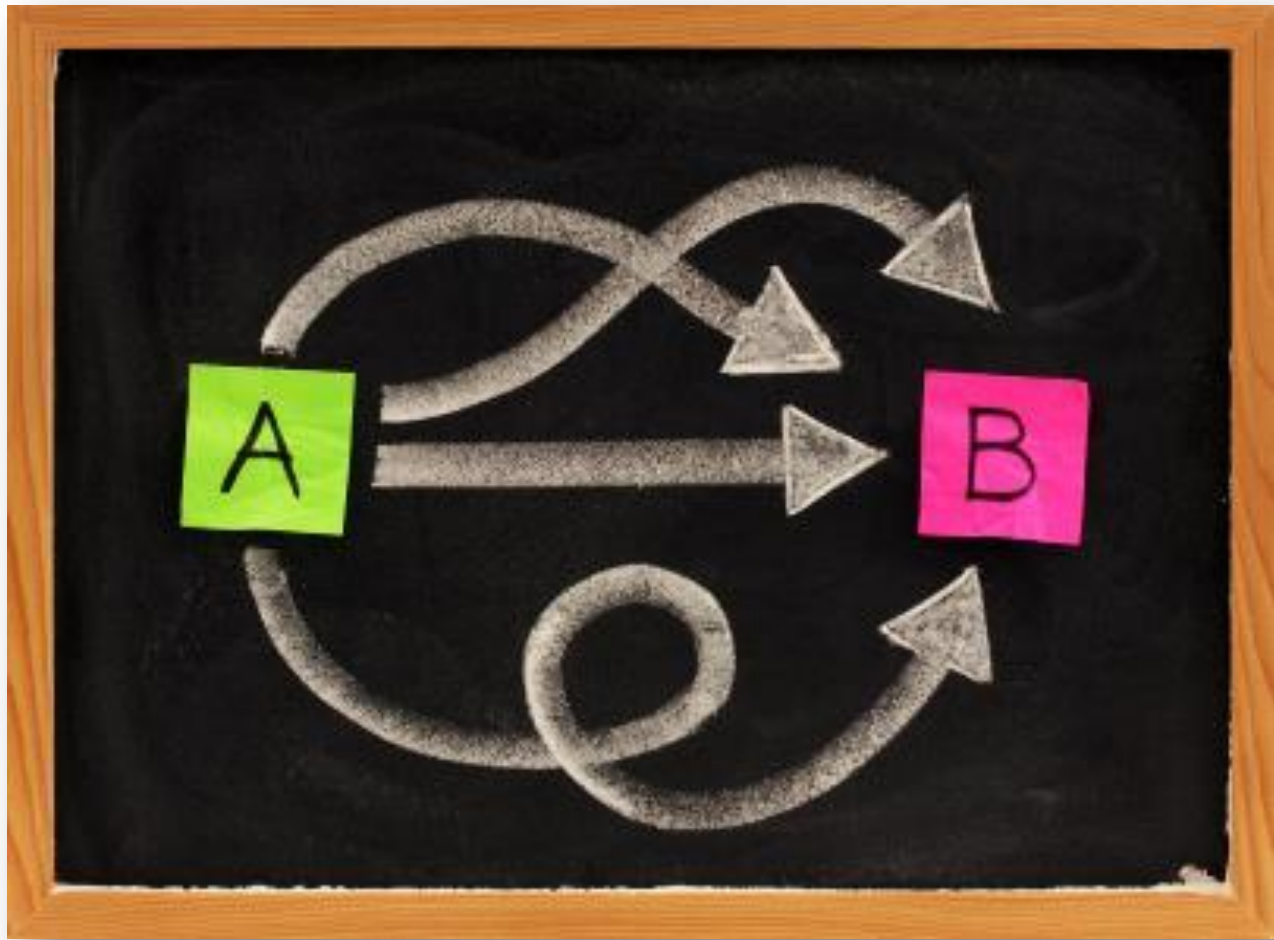
**This story
is too
Complex**

Consideration

**Does this story
have a simple
core that
provides most of
the value?**

**Split the story
to do the simplest
option first
and enhance it
later**

Opportunity



Original User Story

As a loan applicant,
I want to calculate
my mortgage payments

Suggested split by simple / complex variations

... calculate
payments
manually

... using
an online
spreadsheet
template

... using a
simple online
calculator

... online
calculator
with what-if
scenarios

**Break Up Tip
#3**

Excuse

**This story
is too
Complex**

Consideration

**Does this story
have a Complex
User Interface?**

**Split the story
to do a simple UI
first and enhance
later**

Opportunity

BLACK+DECKER® ProSeries™

- Pulse / Off
 - Stir / Fast Clean
 - Aerate / Grate
 - Puree / Grind
 - Crumbly / Beat
 - Chop / Liquefy
 - Blend / Whip
 - LOW / HI
- Ice Crush

VS

BLACK+DECKER® ProSeries™

Blend

**Break Up Tip
#4**

Excuse

**This story
is too
Complex**

Consideration

**Does the story
include multiple
operations?**

**Separate the
operations into
separate stories**

Opportunity

Original User Story

As an account holder,
I want to Manage
my account details



Suggested split by separate operations



...create
my account



...read
my account
details



...update
my account
details



...delete
my account
details



**Break Up Tip
#5**

Excuse

**This story
is too
Expensive**

Consideration

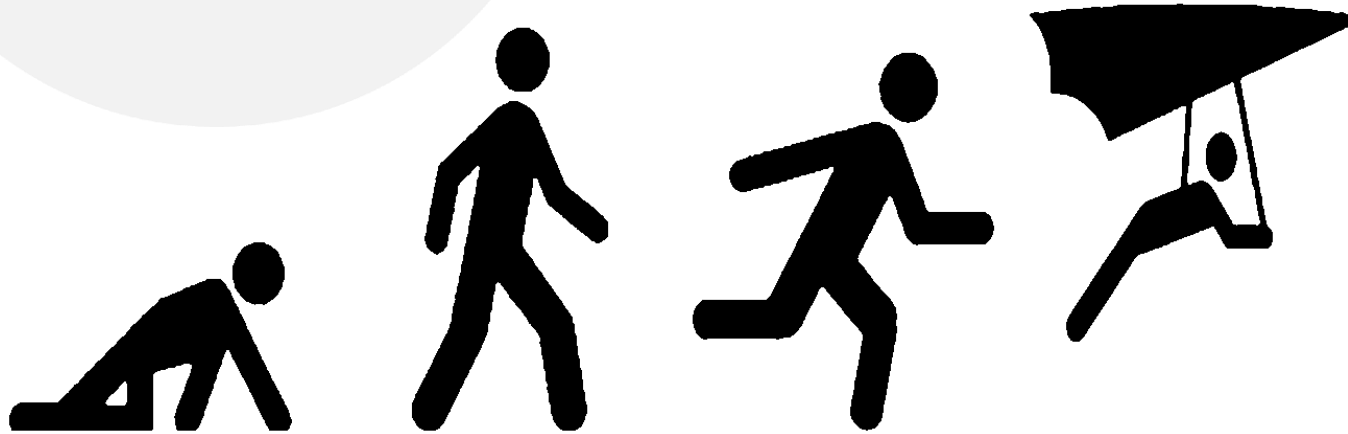
**Does this
story become
expensive due to
non-functional
requirements?**

**Split the story
to just make it
work first and
enhance it later**

Opportunity

If you can't fly, Run.
If you can't run, Walk.
If you can't walk, Crawl.
But, **by all means**
keep moving.

- Dr. Martin Luther King, Jr.



“**Small wins** are something people can experience pretty regularly if the work is chunked down to manageable pieces.”



Suggested split by deferring Performance or Quality



**Break Up Tip
#6**

Excuse

**This story
is too
Expensive**

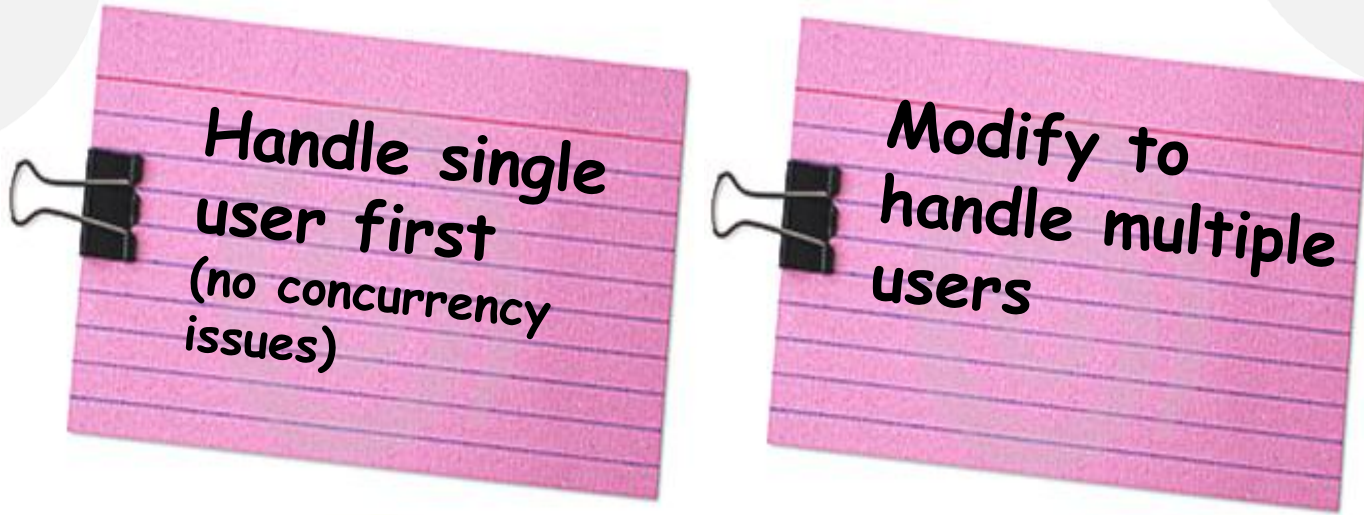
Consideration

**Does this story
refer to multiple
users doing
similar things at
the same time?**

**Split the story to
handle single user
first and enhance
it later**

Opportunity

Suggested split by Single / Multiple users



**Break Up Tip
#7**

Excuse

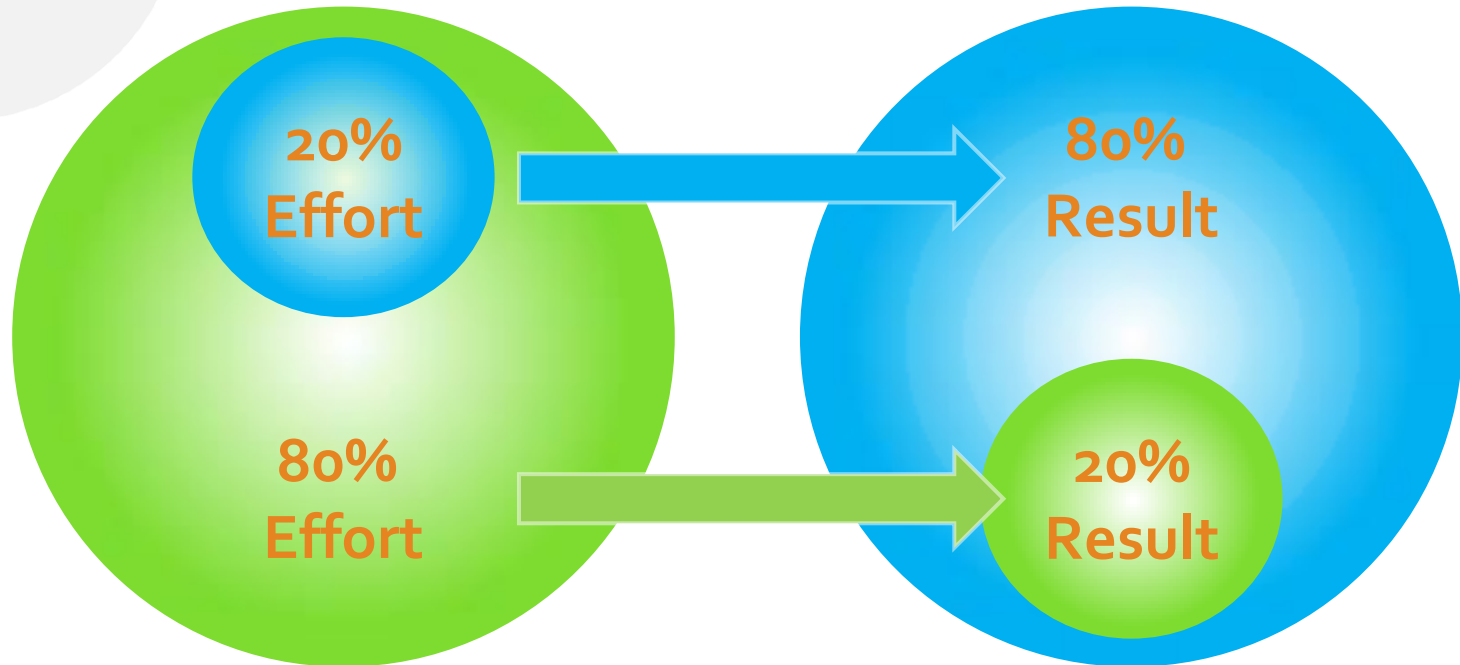
**This story
is too
Expensive**

Consideration

**Does this story
have a major
effort regardless
of how it is split?**

**Split the story
so that most of
the value comes
from the first split**

Opportunity



Break Up Tip #8

Excuse

**This story
has too many
dependencies**

Consideration

**Does this story
have a variety of
business logic?**

**Split the story
to do a subset of
rules first, and
enhance it later**

Opportunity





Original User Story

As a traveller,
I want to search
for flights with
flexible dates.

Suggested split by business logic

... search for
flights x days
before/after my
selected dates

... search for
flights that fall
on a weekend

... search for
flights that have
no stopovers

Break Up Tip #9

Excuse

**This story
has too many
dependencies**

Consideration

**Does this story
refer to data
from multiple
sources?**

**Split the story to
handle data from
one source first
and enhance later**

Opportunity





**Break Up Tip
#10**

Excuse

**This story
has too many
dependencies**

Consideration

**Does this story
need any
investigation
prior to being
started?**

**Split the story
so that the
research is done
first, with action
later**

Opportunity



The longest journey starts with a small step...

Risky

Dependencies

Complex

Expensive

Lack of Confidence

Help Expose Risks
Isolate performance factors

Expensive

Complex

Dependencies

Lack of Confidence

Help Expose Risks
Isolate performance factors

More people may work on it

Expensive
Complex

Lack of Confidence

Help Expose Risks
Isolate performance factors

More people may work on it

Expensive

Visibility of true size
Gain Clarity

Lack of Confidence

**Eliminate Waste
Different quality
standards**

**Help Expose Risks
Isolate performance factors**

**Visibility of true size
Gain Clarity**

More people may work on it

Lack of Confidence

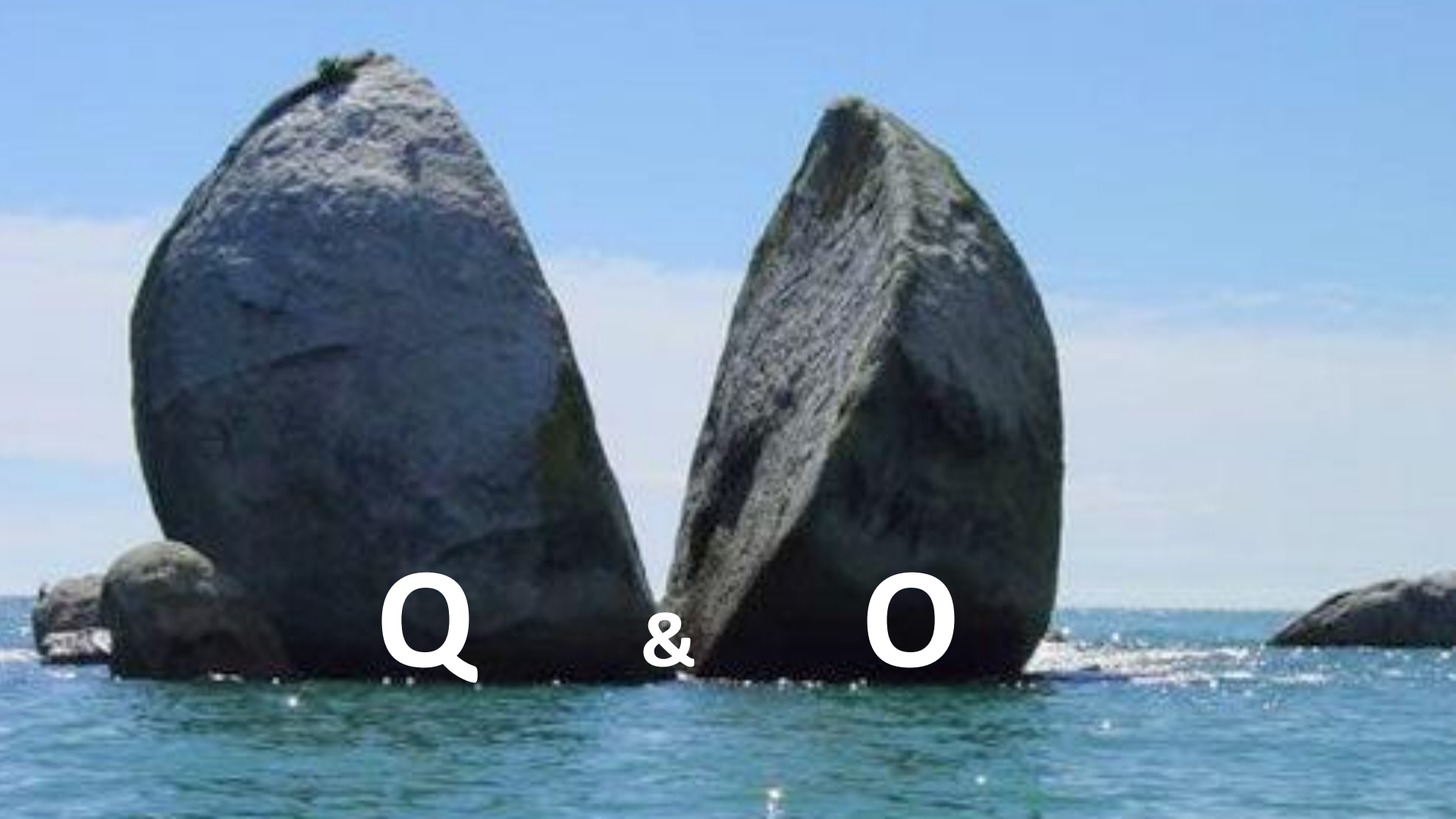
**Eliminate Waste
Different quality
standards**

**Help Expose Risks
Isolate performance factors**

**Visibility of true size
Gain Clarity**

**Ease a transition
Help in testing**

More people may work on it



Q

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References

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Thank You

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