



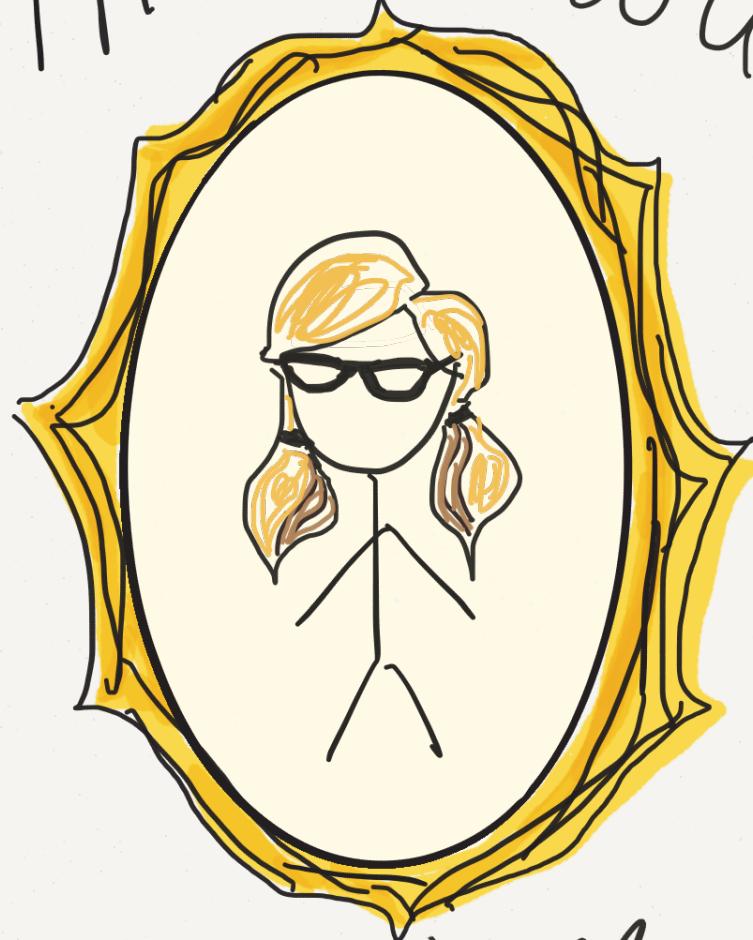
# Taking Control of Your Test Environment

Ioana Serban - @ioanasaysgo

TAKING  
CONTROL  
OF YOUR  
TEST  
ENVIRONMENT



The nervous



Storyteller

ioana Serban

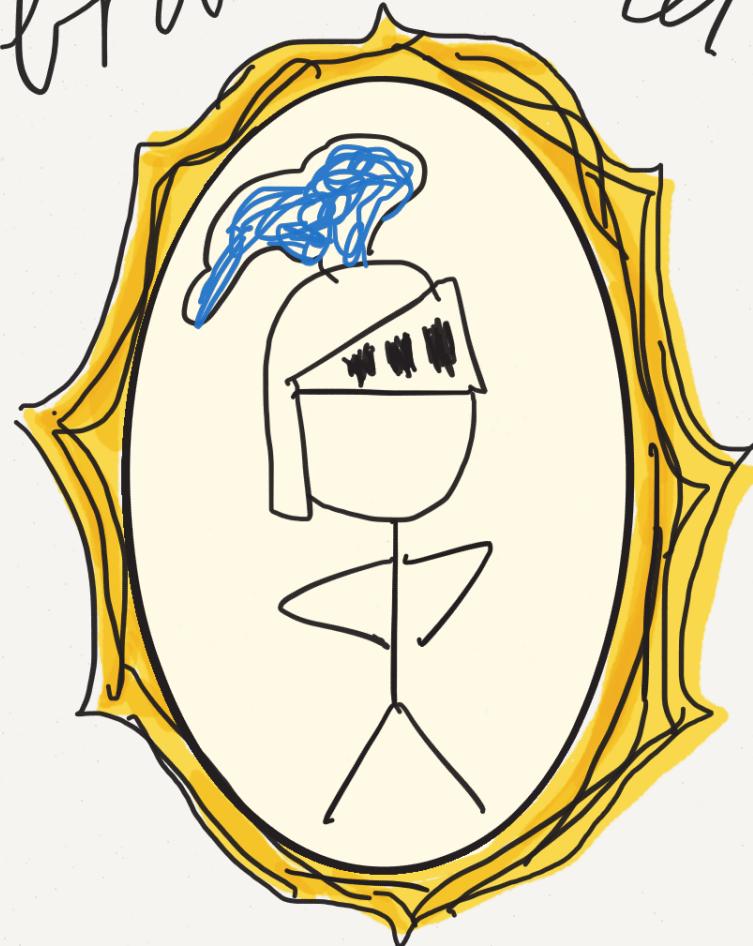
,  
Software  
Engineer in Test

@ ebay



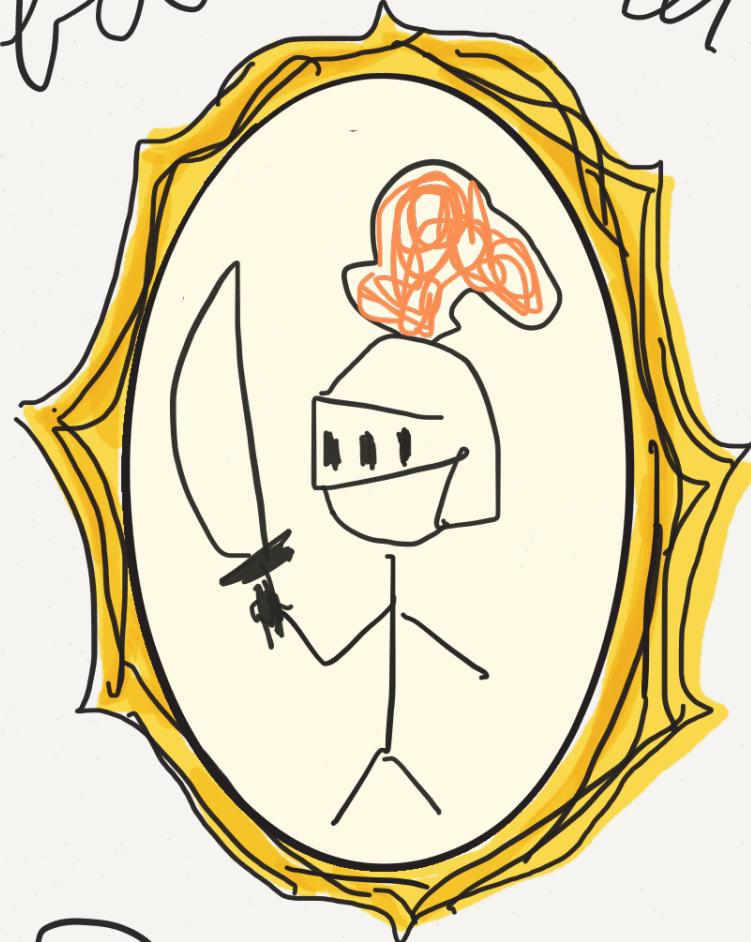
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The brave and mighty



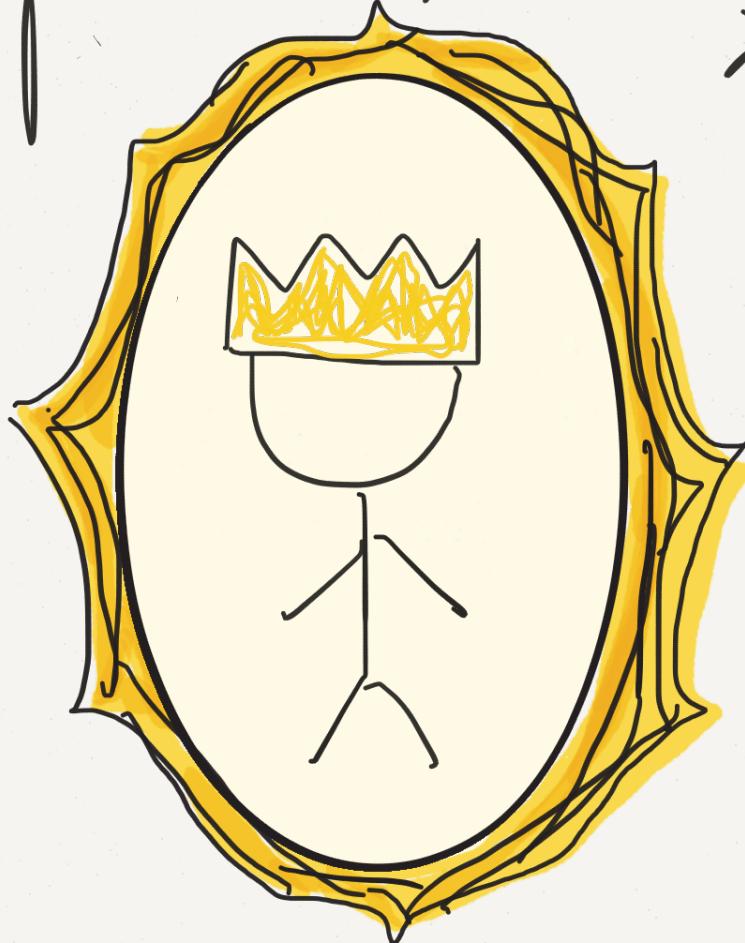
Tester

The bold and reckless



Developer

The powerful King



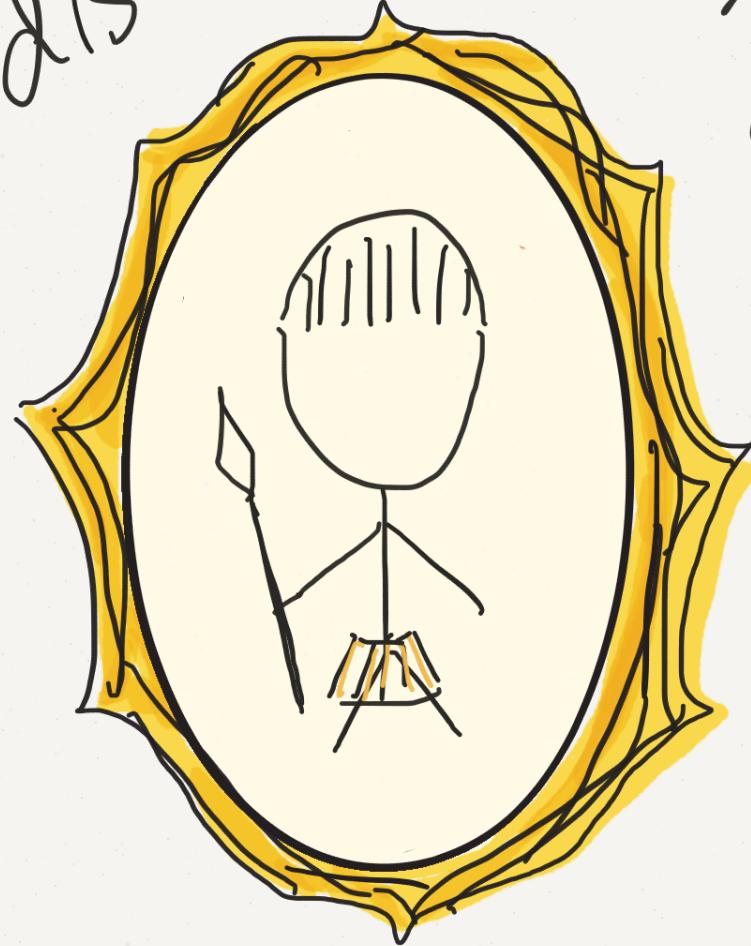
Product Owner

The feared and formidable



Ops

The distant and mysterious



Other Team Member

# Stats

Strength

10

Agility

10

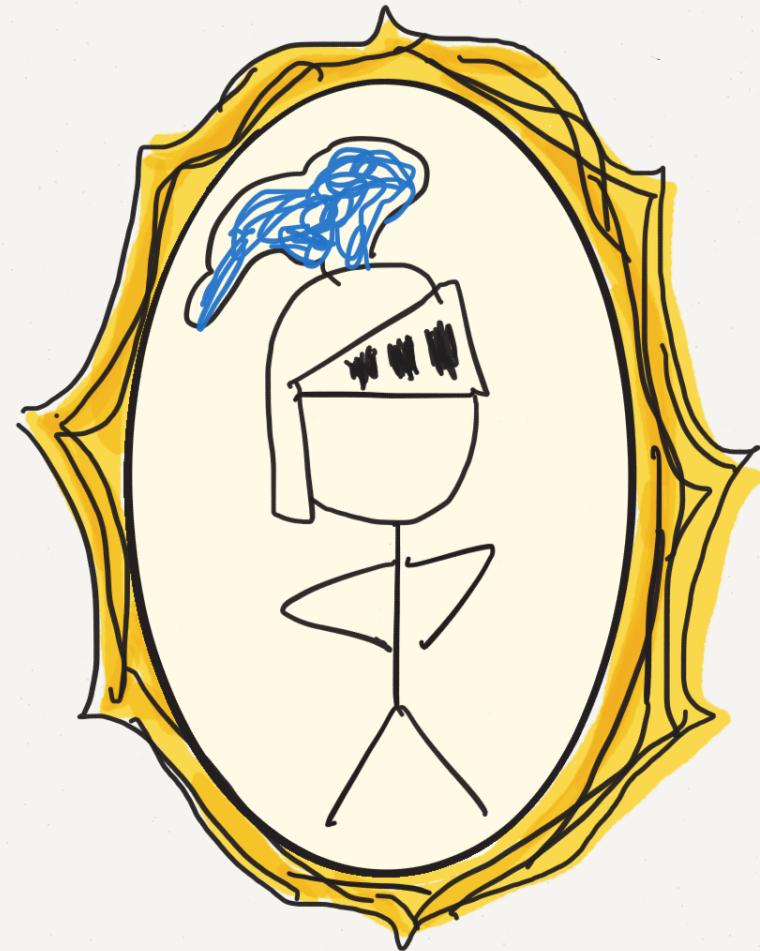
Intelligence

10

Charisma

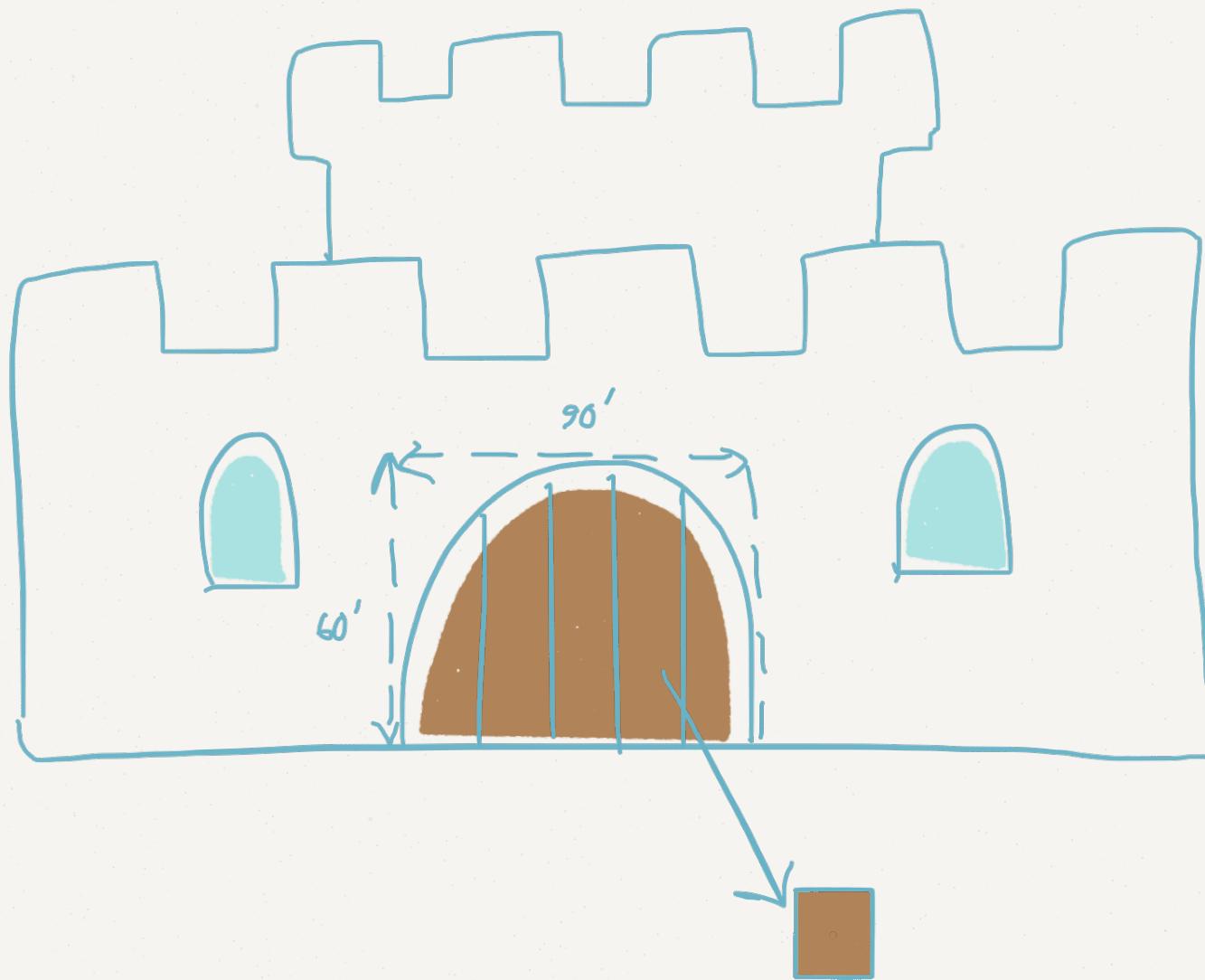
10

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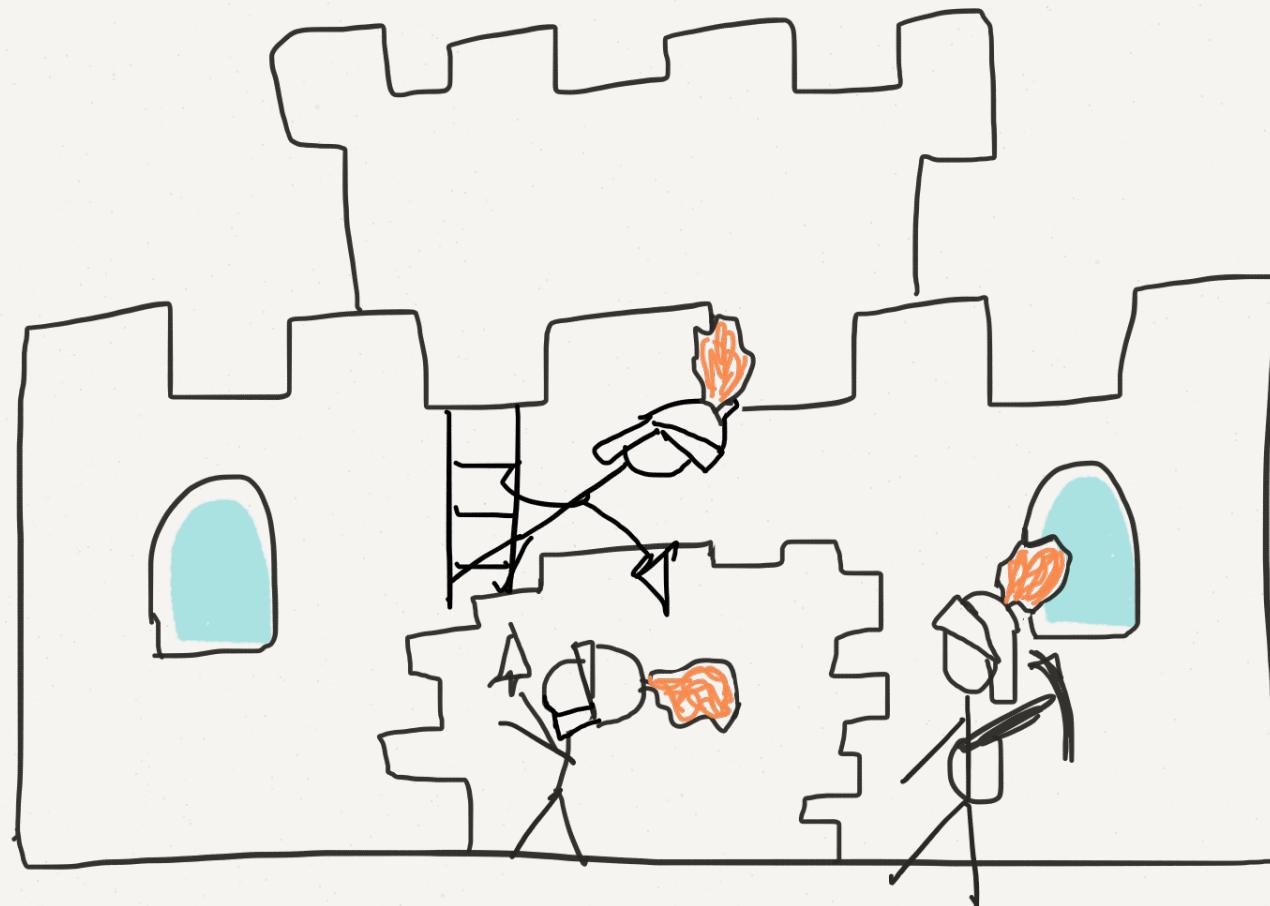


Tester

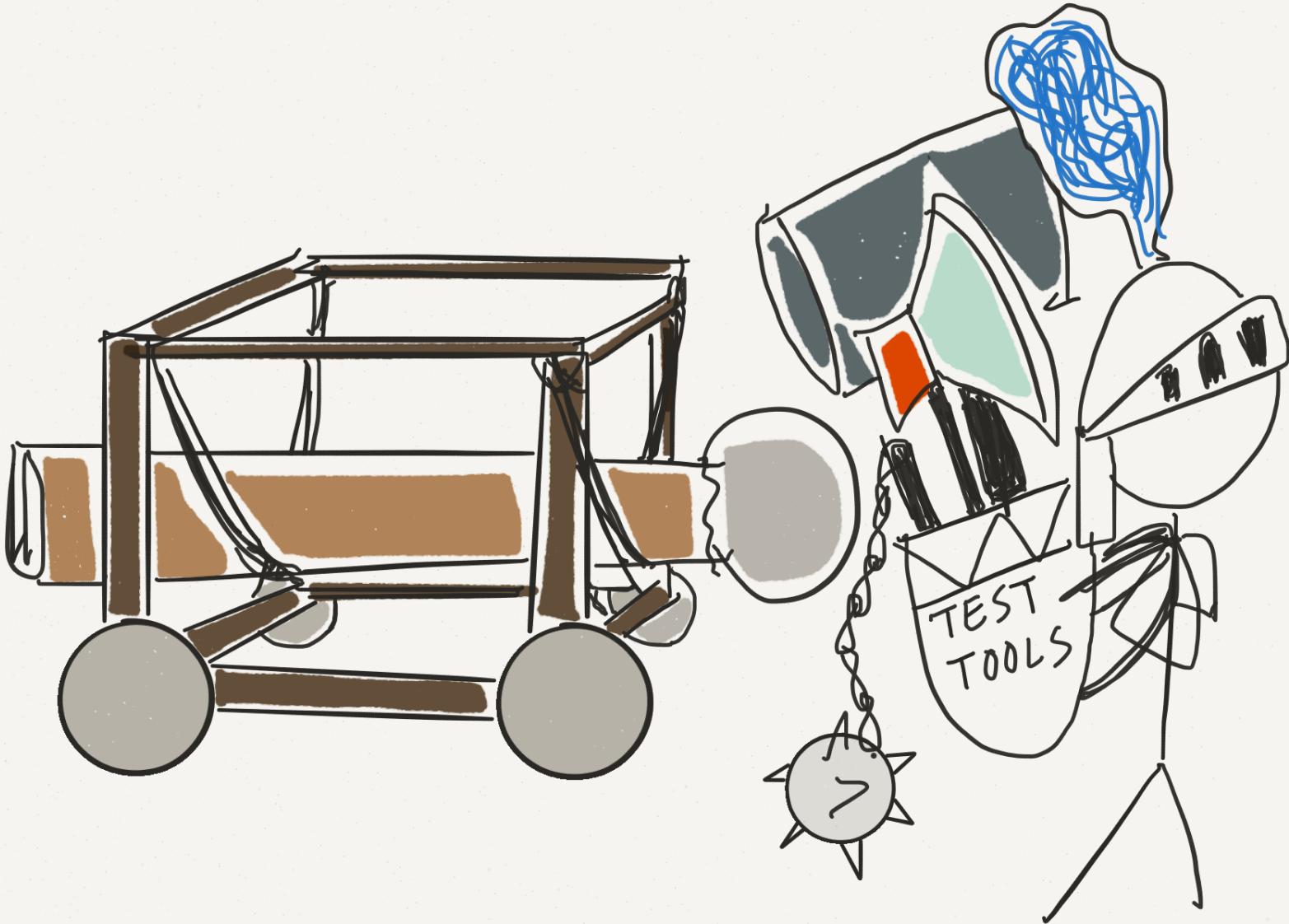
Once upon  
a time . . .



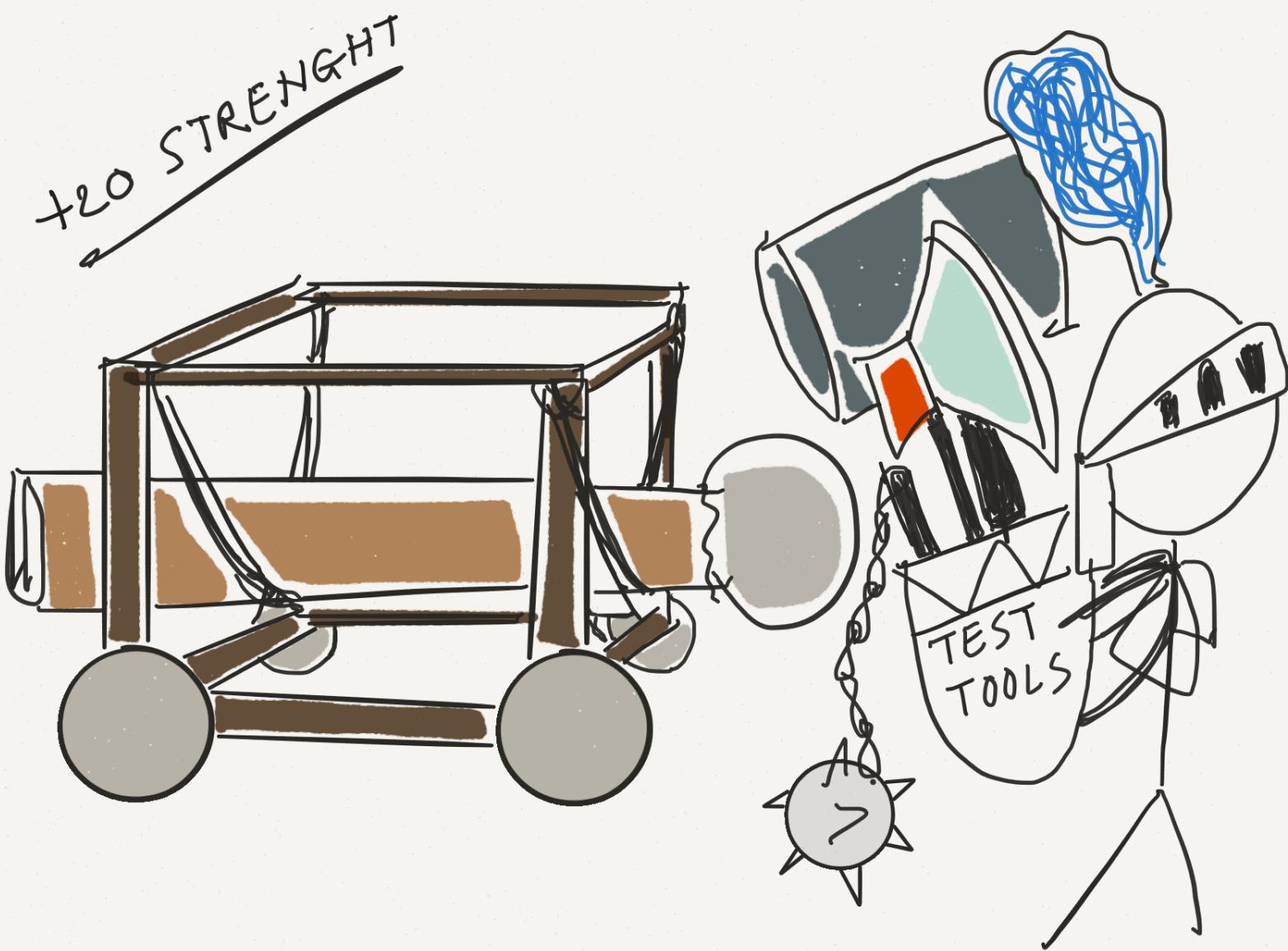
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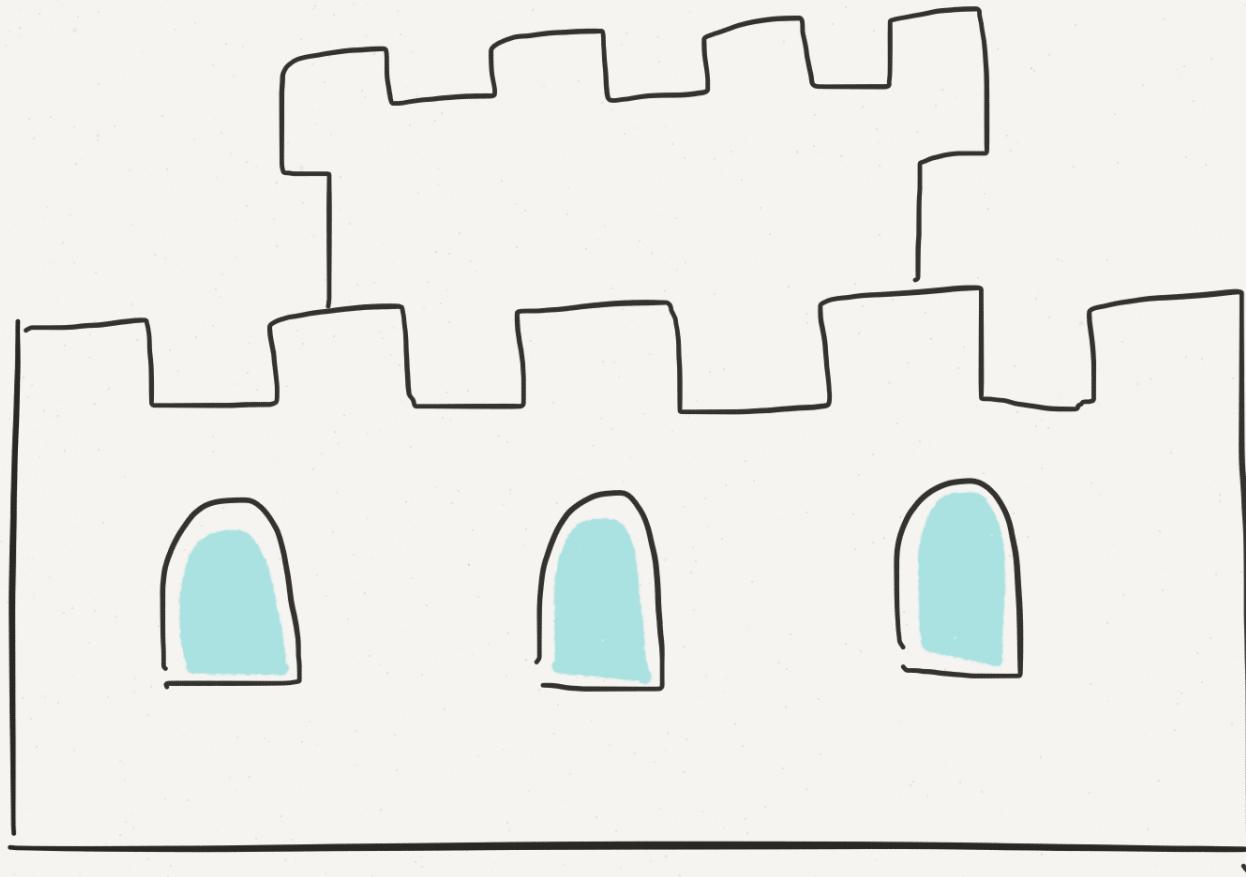
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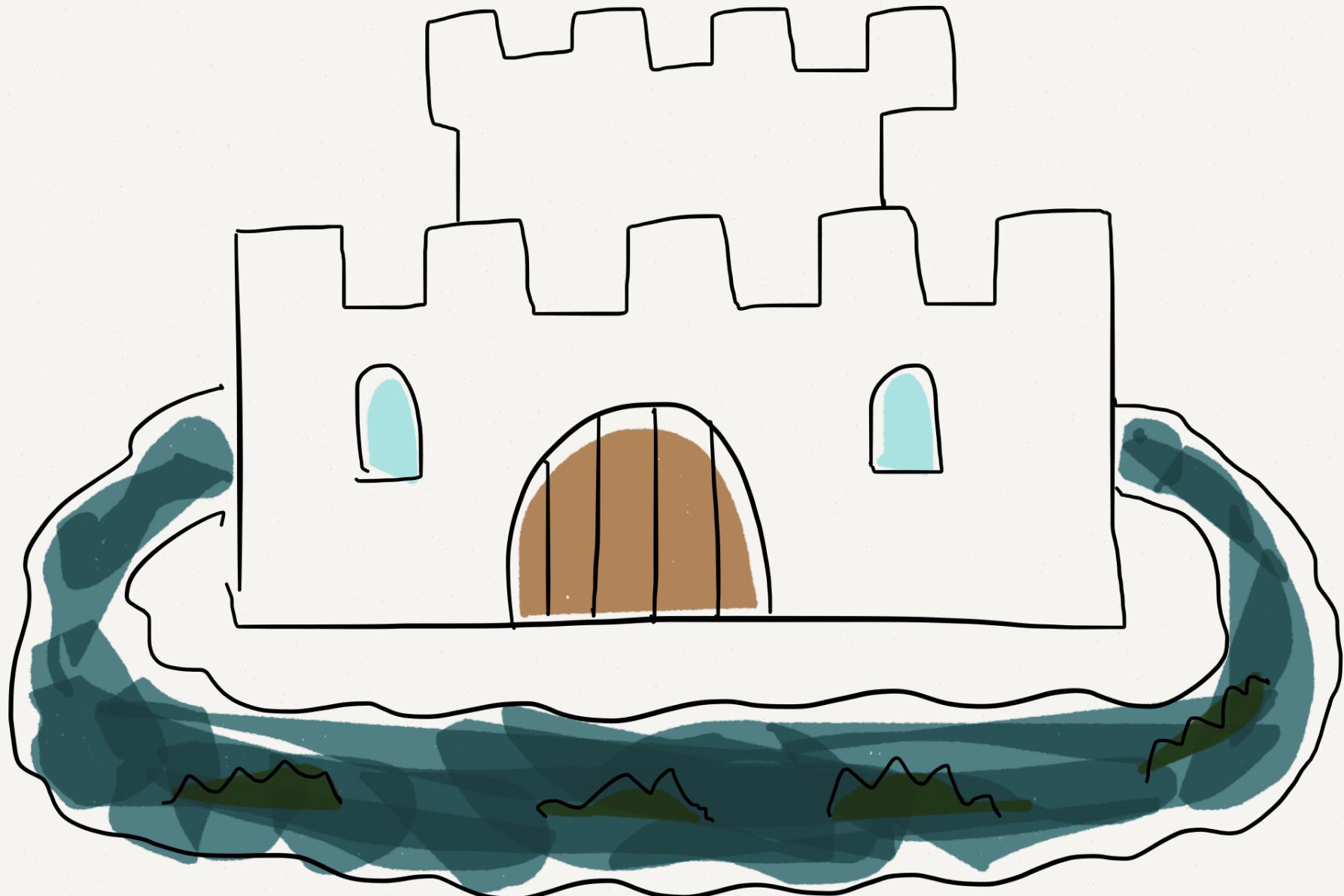
@ioannahsaysgo



@ioannahsaysgo



@ioahasaysgo

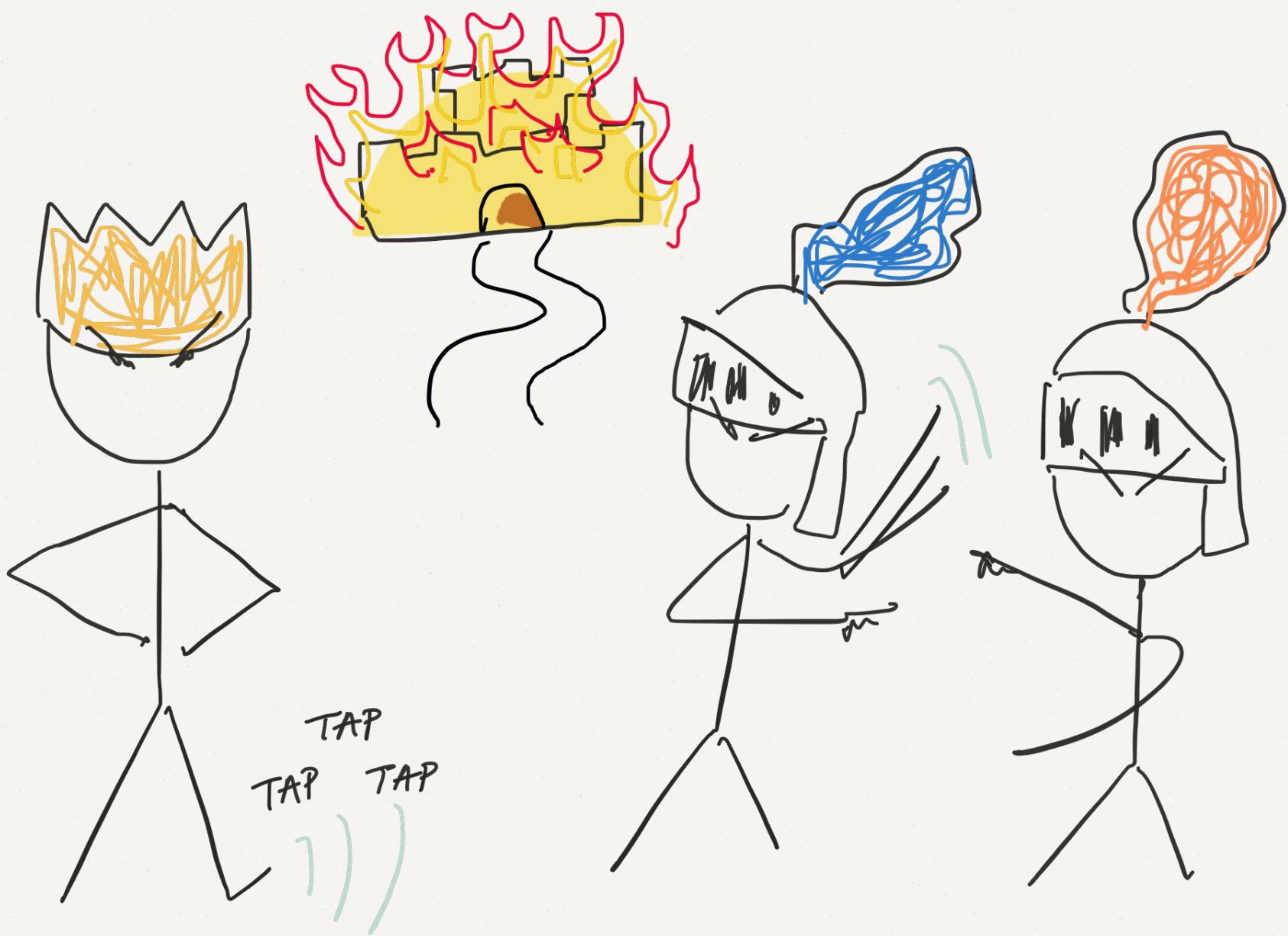


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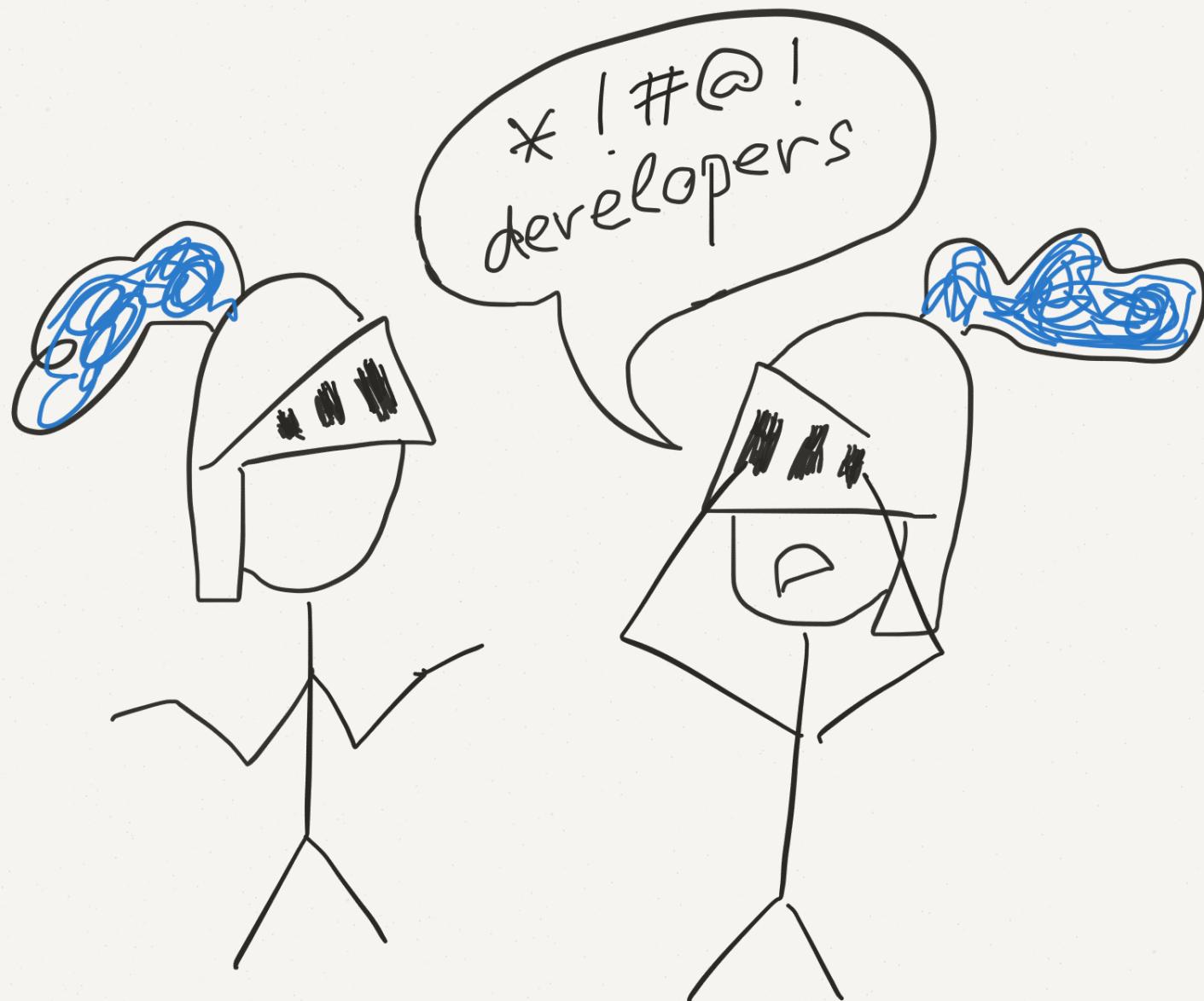


UH - OH...

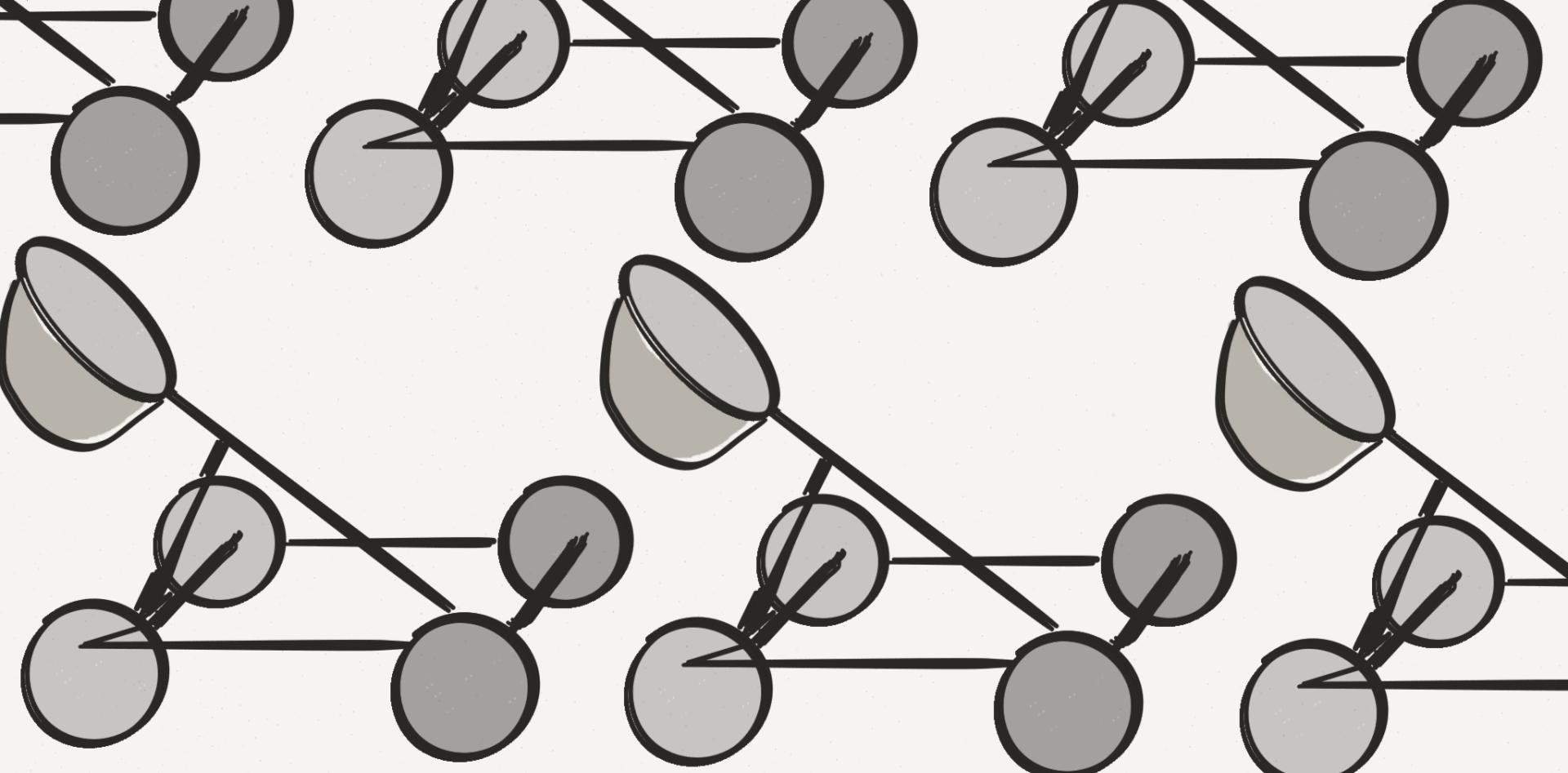
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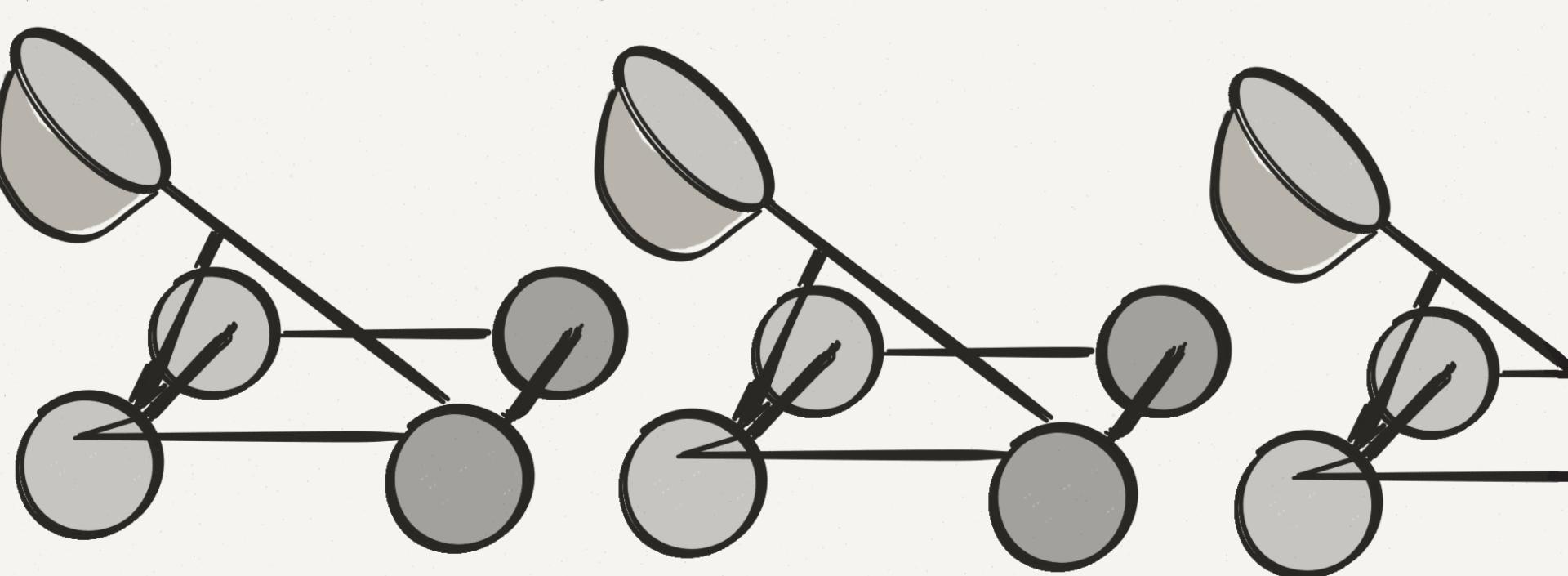
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AUTOMATION



# AUTOMATION

+25 AGILITY

# PROBLEM 1:

---

THE BUILD IS



QUEST  
~~PROBLEM~~ 1:

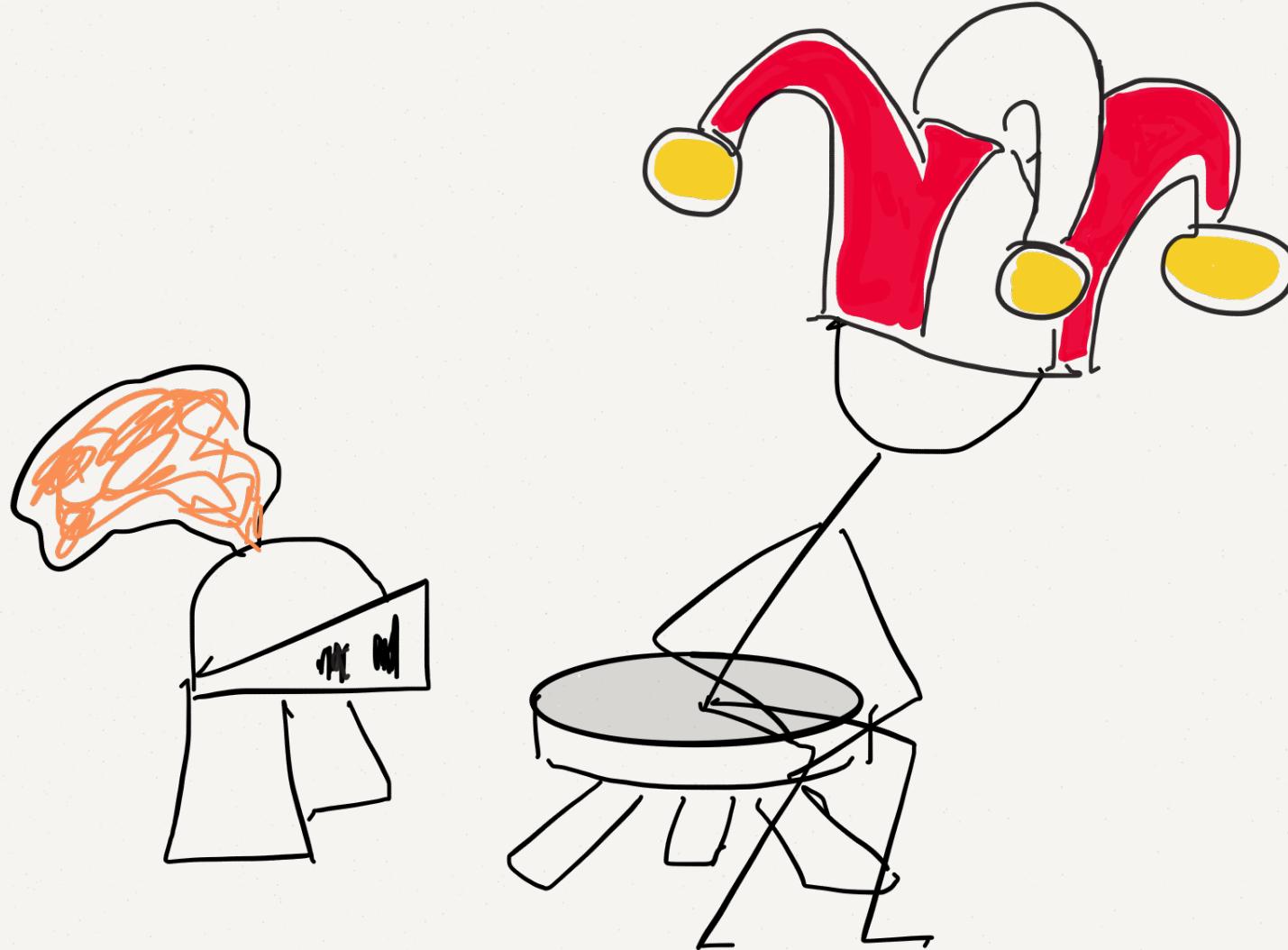
---

FIND OUT WHY

THE BUILD IS **RED**

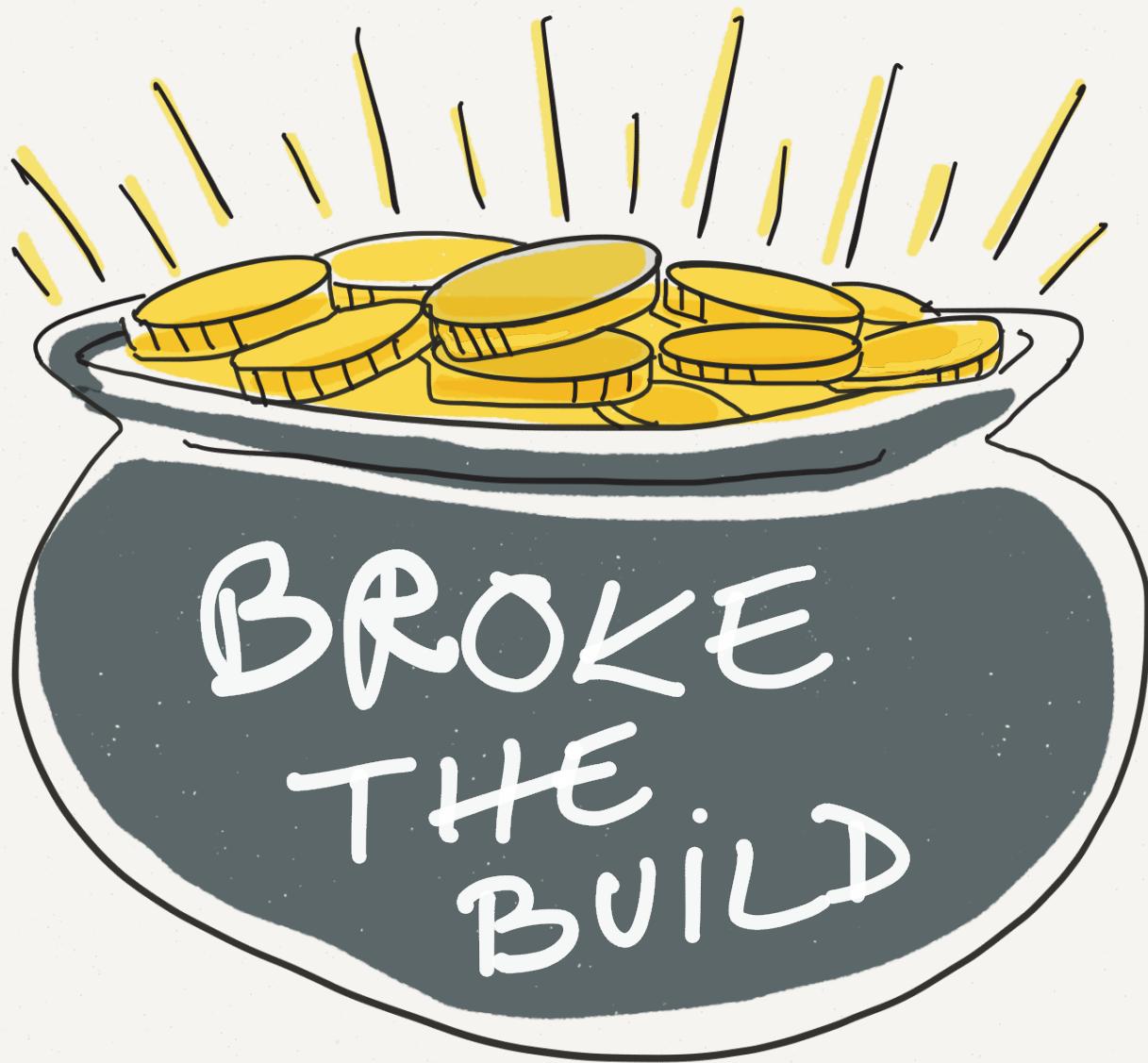
You investigate  
and find out  
that . . .

You investigate  
and find out  
that ... the  
unit tests are  
failing



#1

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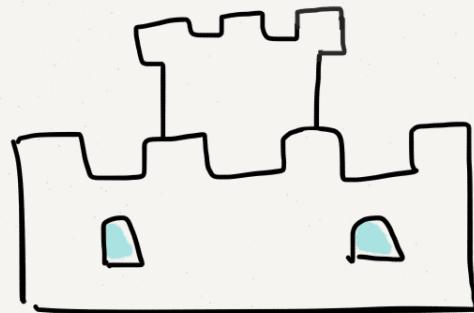


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#2



BRANCH



F.I.X



MERGE

#4

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You convince your  
team to try it  
out and earn  
+10 charisma

QUEST 2 :

THE BUILD IS

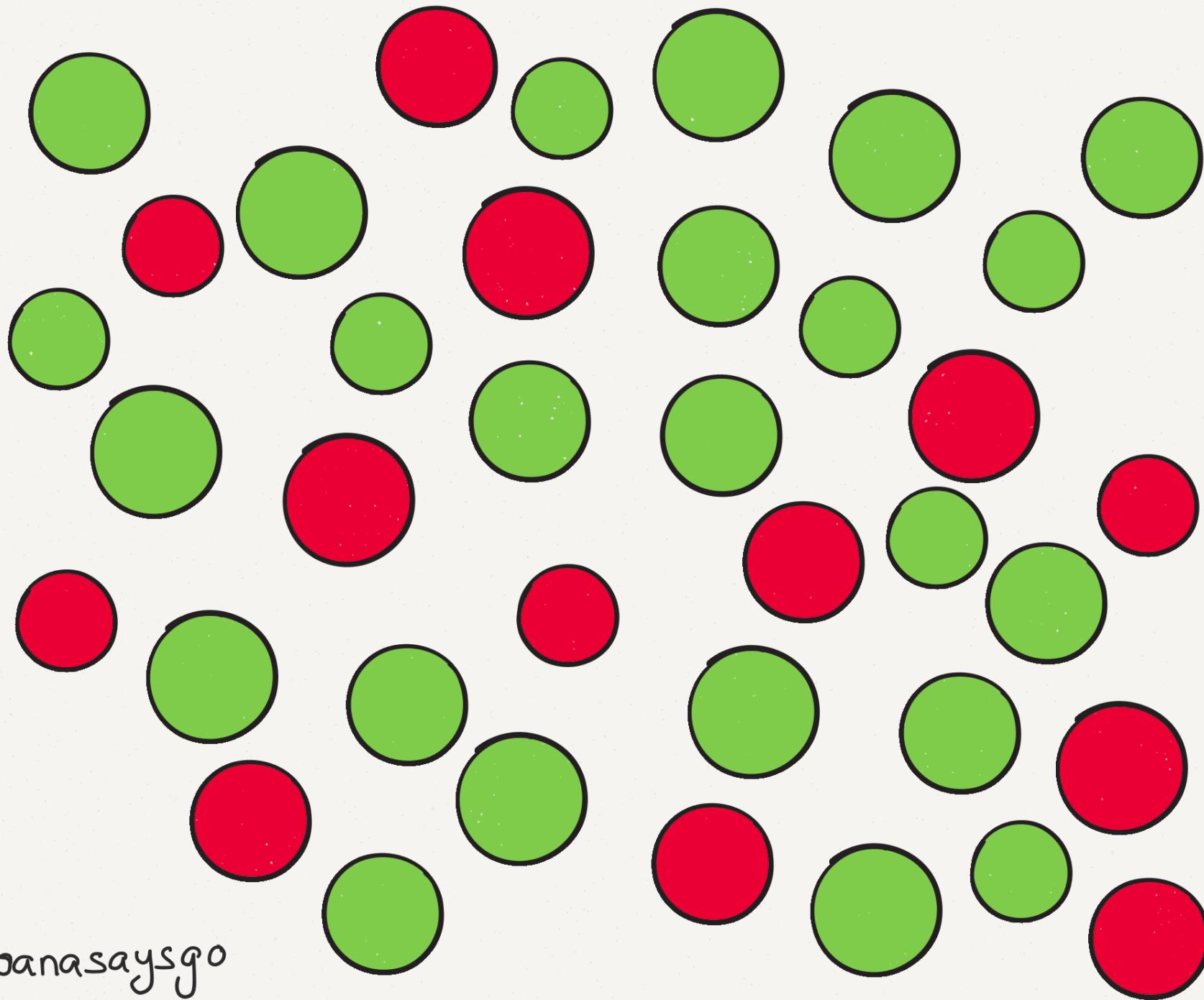
**RED**

AGAIN

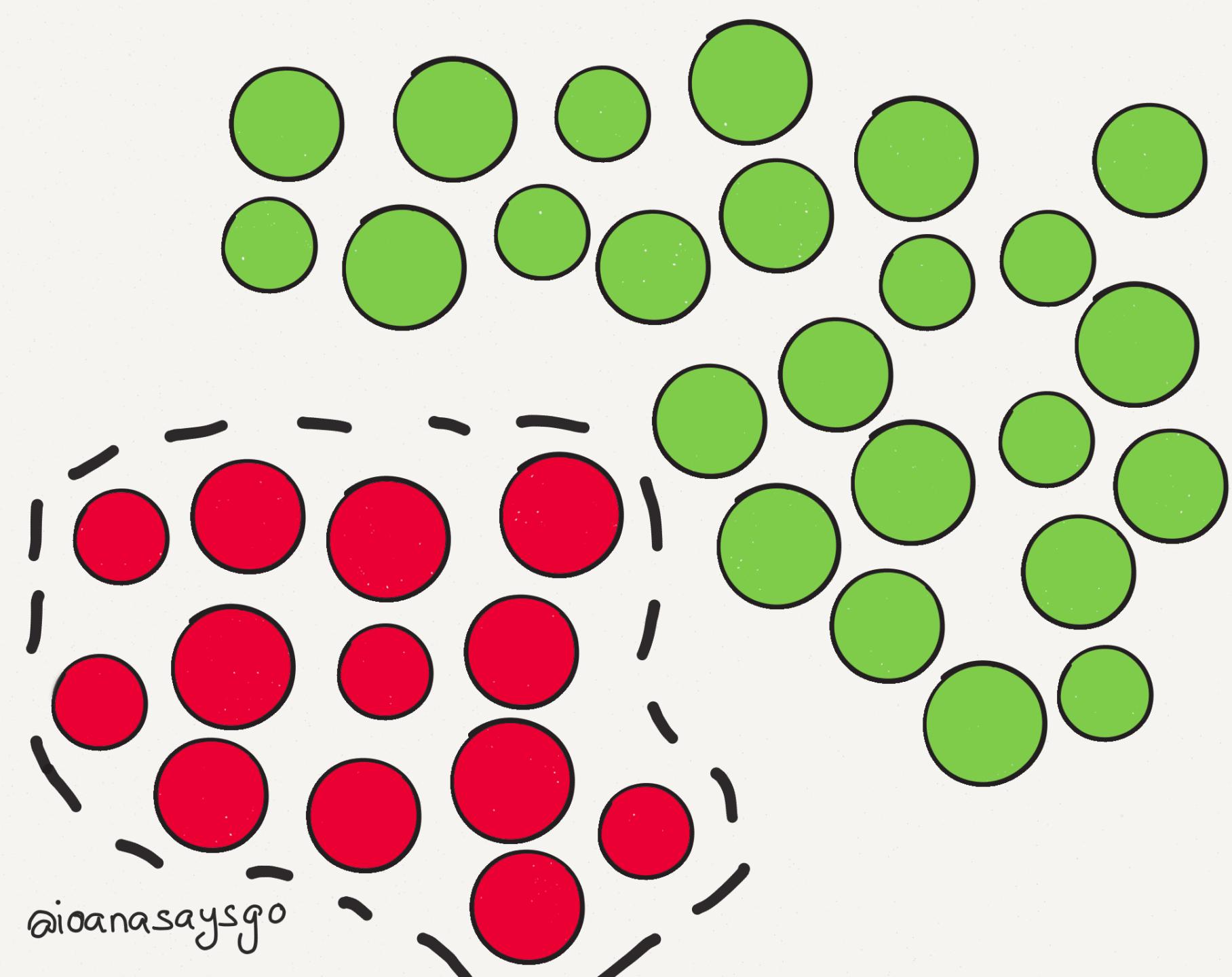
FIND OUT WHY

You investigate  
and find out  
that . . .

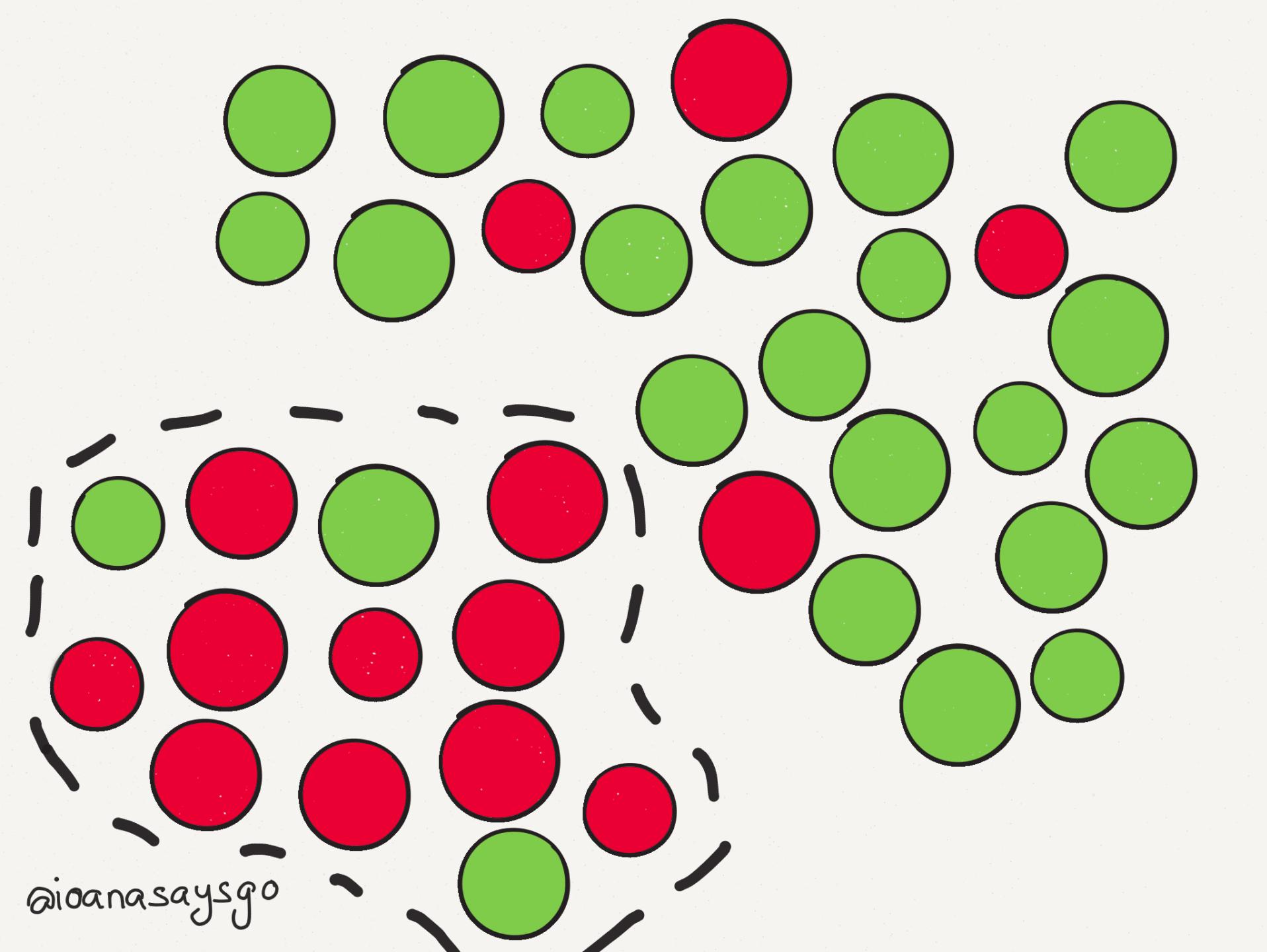
You investigate  
and find out  
that ... the UI  
acceptance tests  
are failing



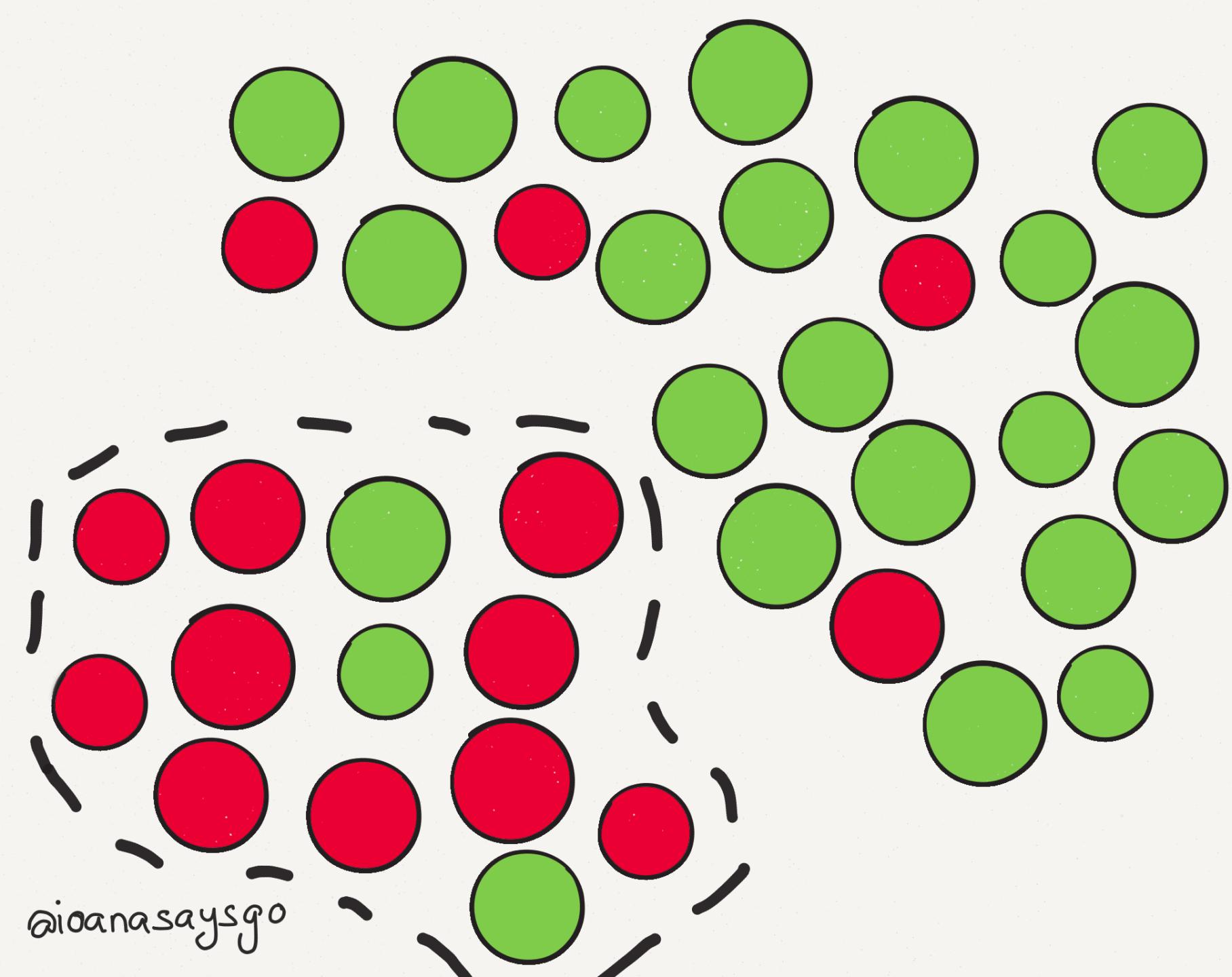
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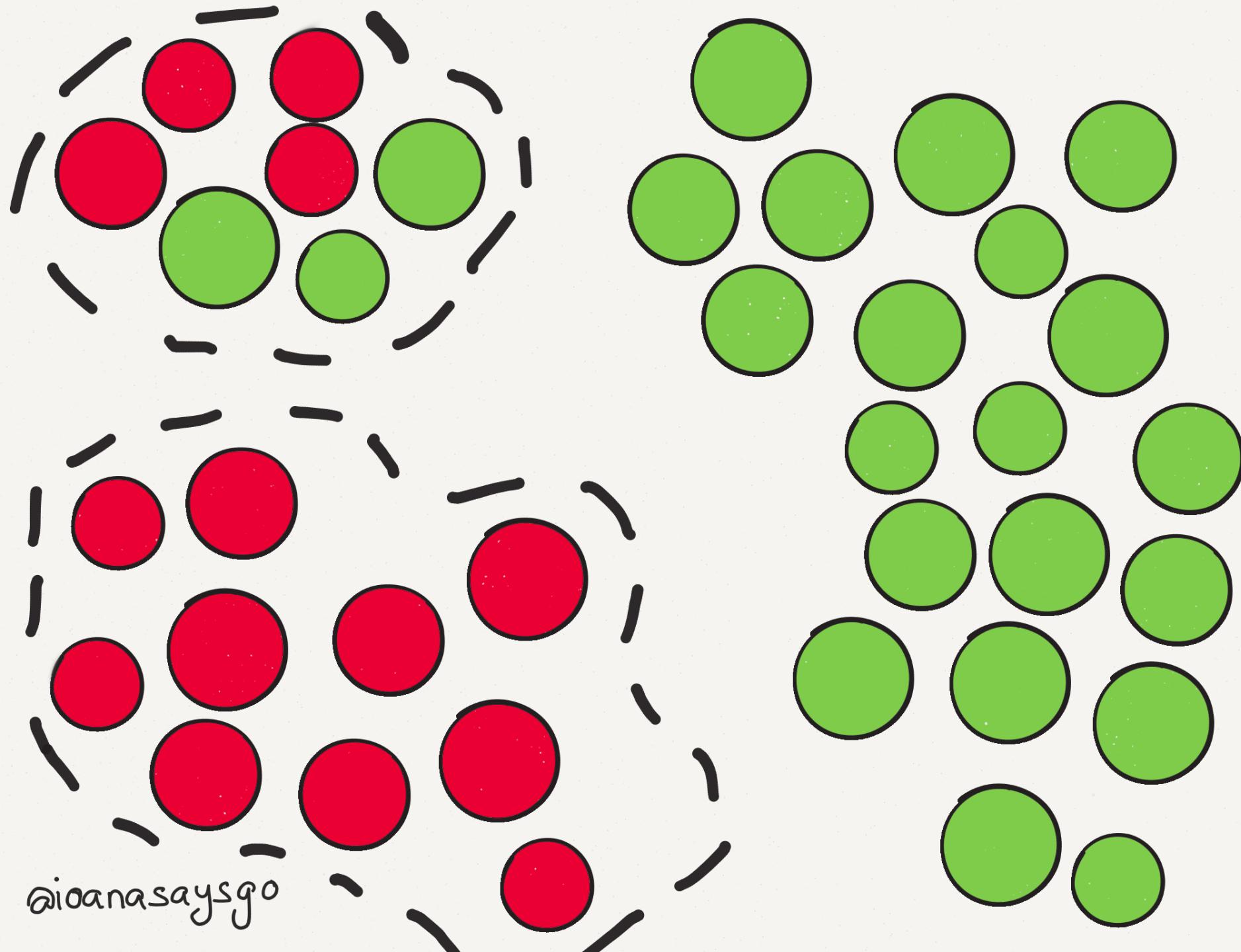
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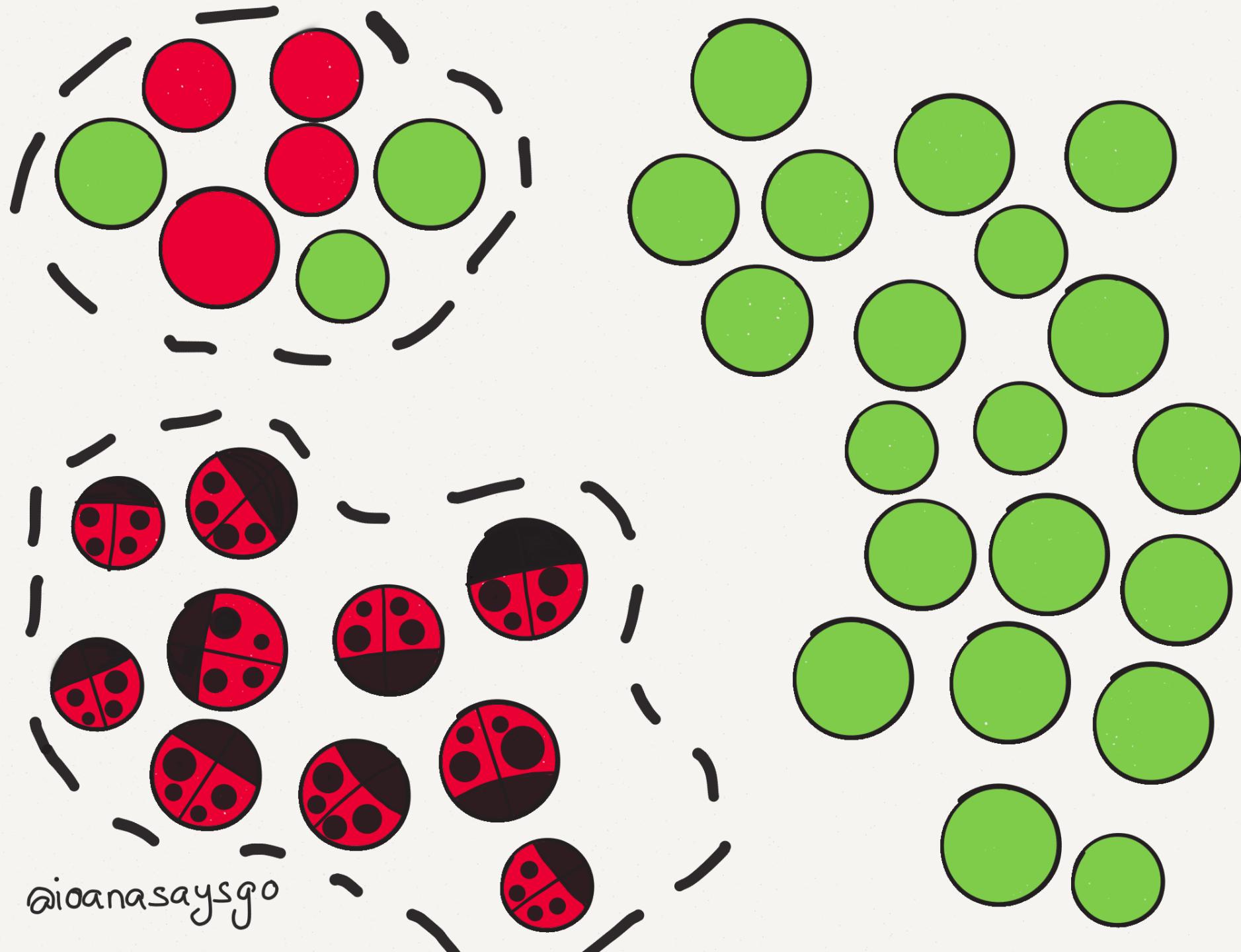
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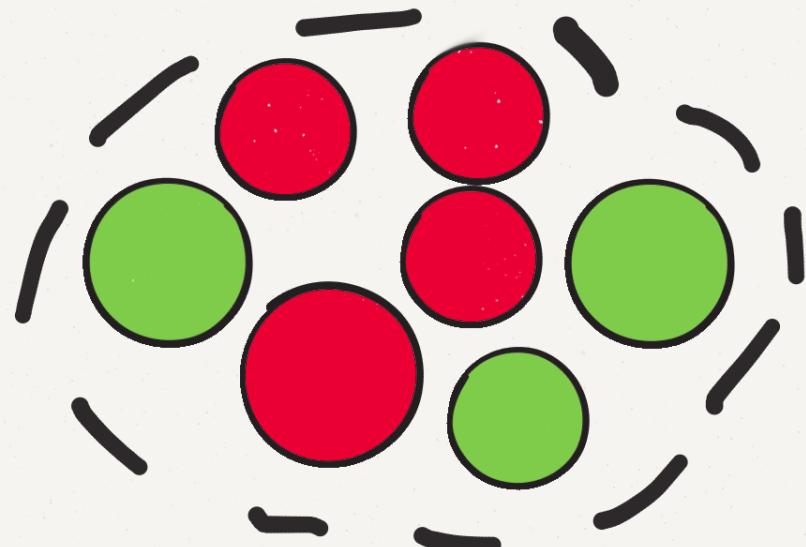
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QUEST 3 :

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INVESTIGATE

FLAKY CHECKS



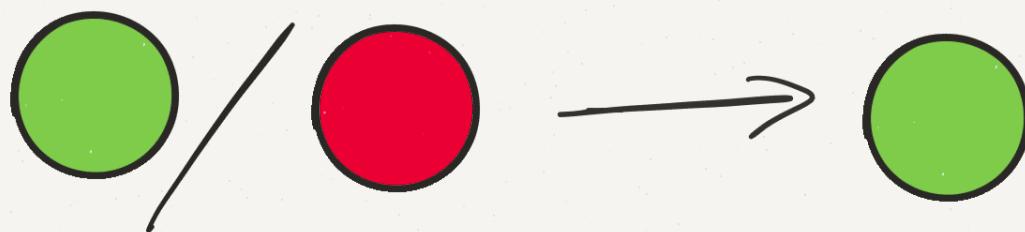
# SOURCES OF 'FLAKINESS'

\* CHECK IS NOT ROBUST

# SOURCES OF 'FLAKINESS'

\* CHECK IS NOT ROBUST

SOLUTION: MAKE CHECK ROBUST



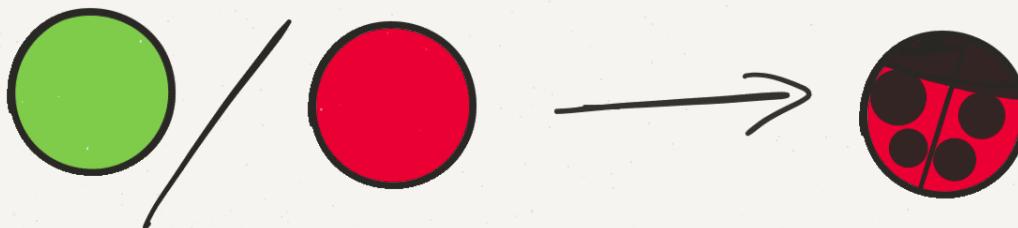
# SOURCES OF 'FLAKINESS'

- \* CHECK IS NOT ROBUST
- \* THERE IS A REAL ISSUE

# SOURCES OF 'FLAKINESS'

- \* CHECK IS NOT ROBUST
- \* THERE IS A REAL ISSUE

SOLUTION: MARK AS BUG



# SOURCES OF 'FLAKINESS'

- \* CHECK IS NOT ROBUST
- \* THERE IS A REAL ISSUE
- \* SOURCE OF FLAKINESS IS BEYOND TEAM'S CONTROL  
(E.G. THIRD PARTY SERVICE)

# SOURCES OF 'FLAKINESS'

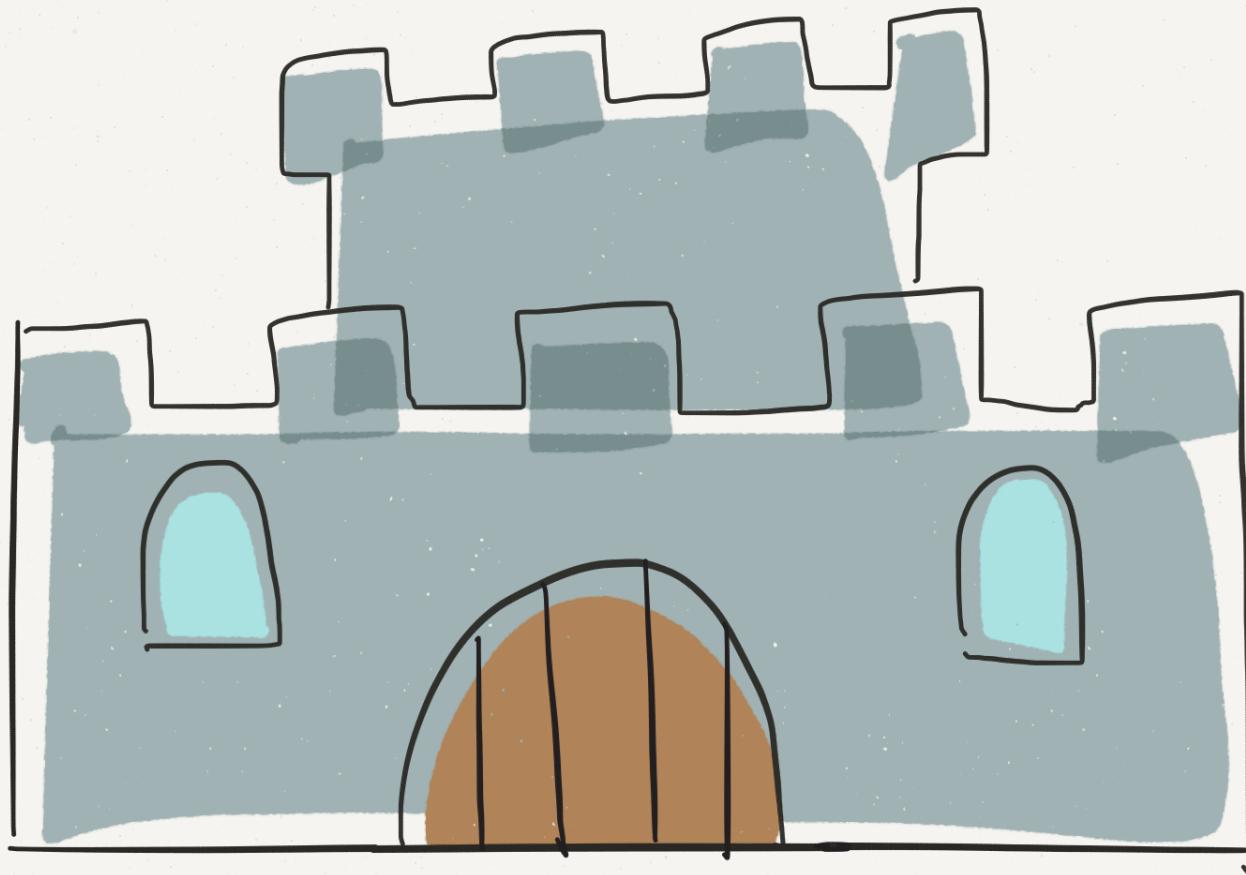
- \* CHECK IS NOT ROBUST
- \* THERE IS A REAL ISSUE
- \* SOURCE OF FLAKINESS IS BEYOND TEAM'S CONTROL  
(E.G. THIRD PARTY SERVICE)

SOLUTION: ???

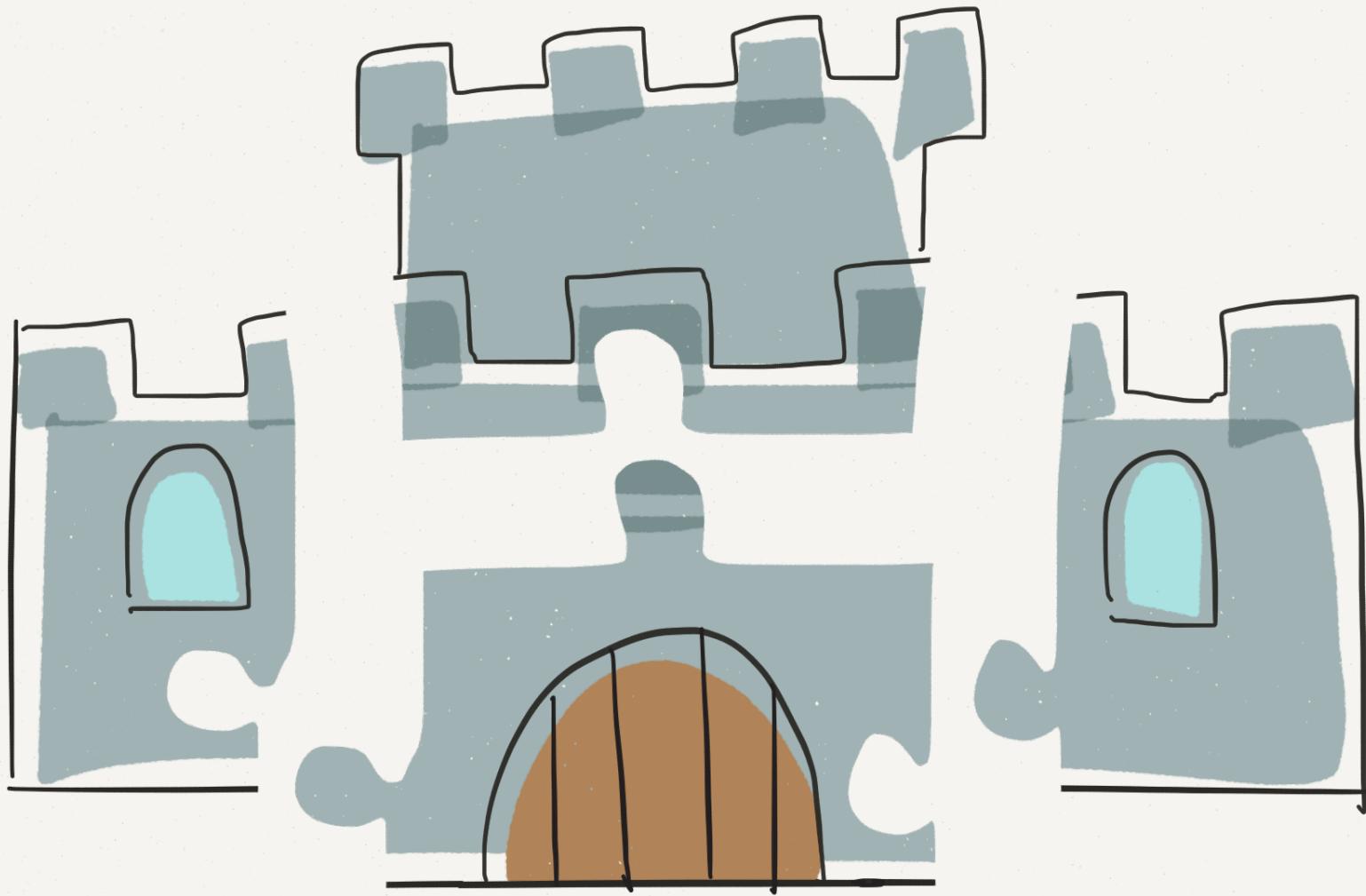
# QUEST 4

A THIRD PARTY SERVICE IS  
CAUSING FLAKY BEHAVIOUR

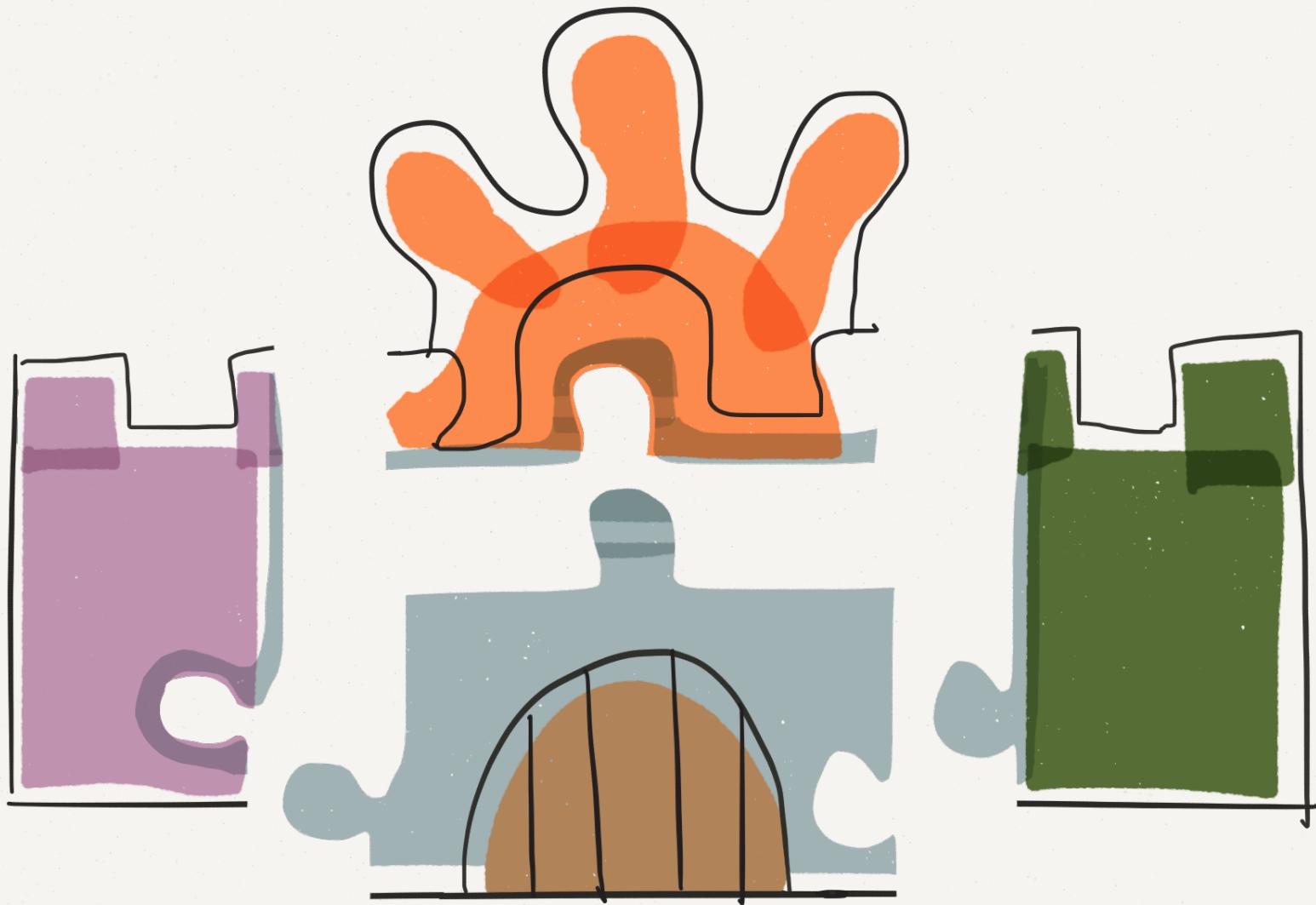
DEAL WITH IT



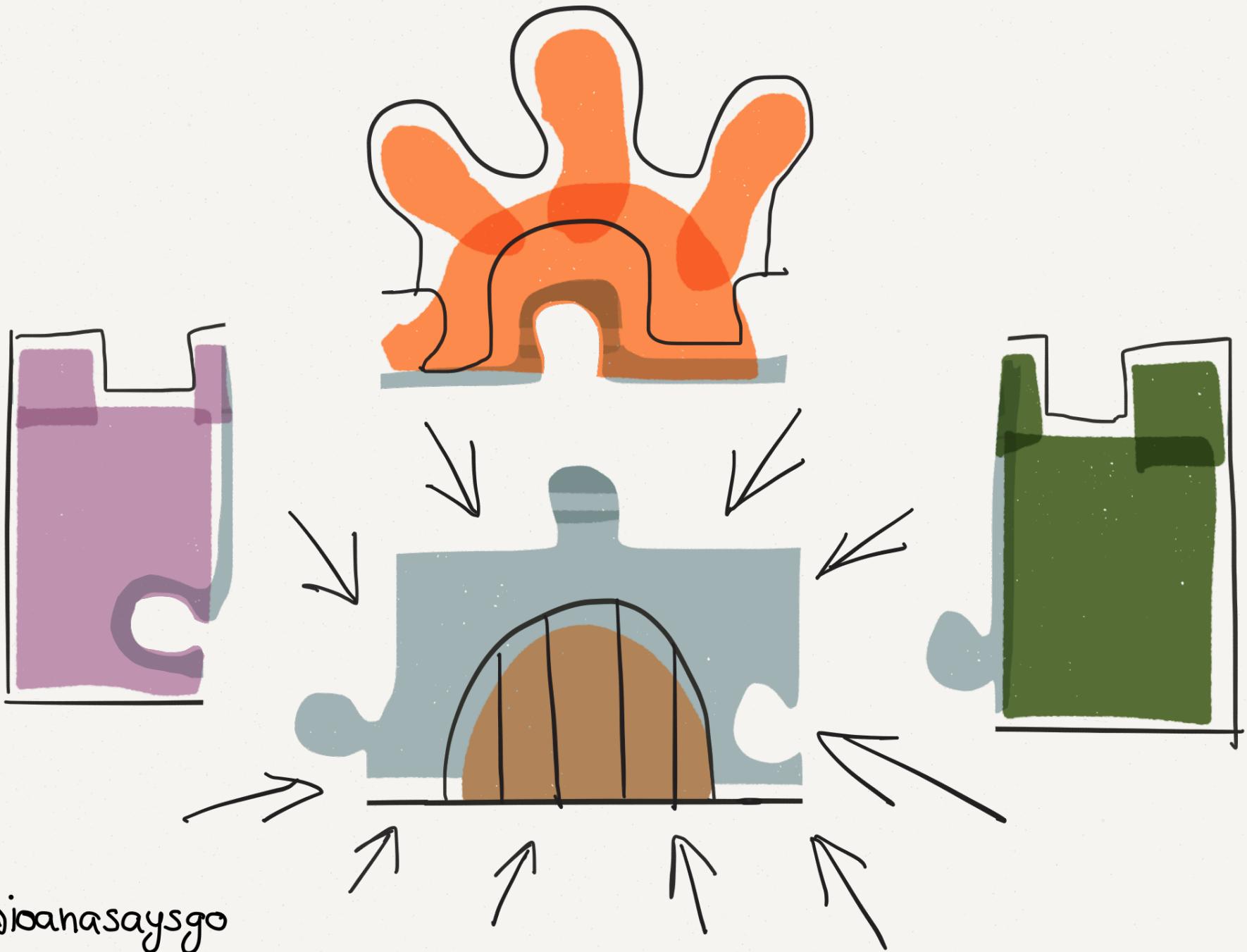
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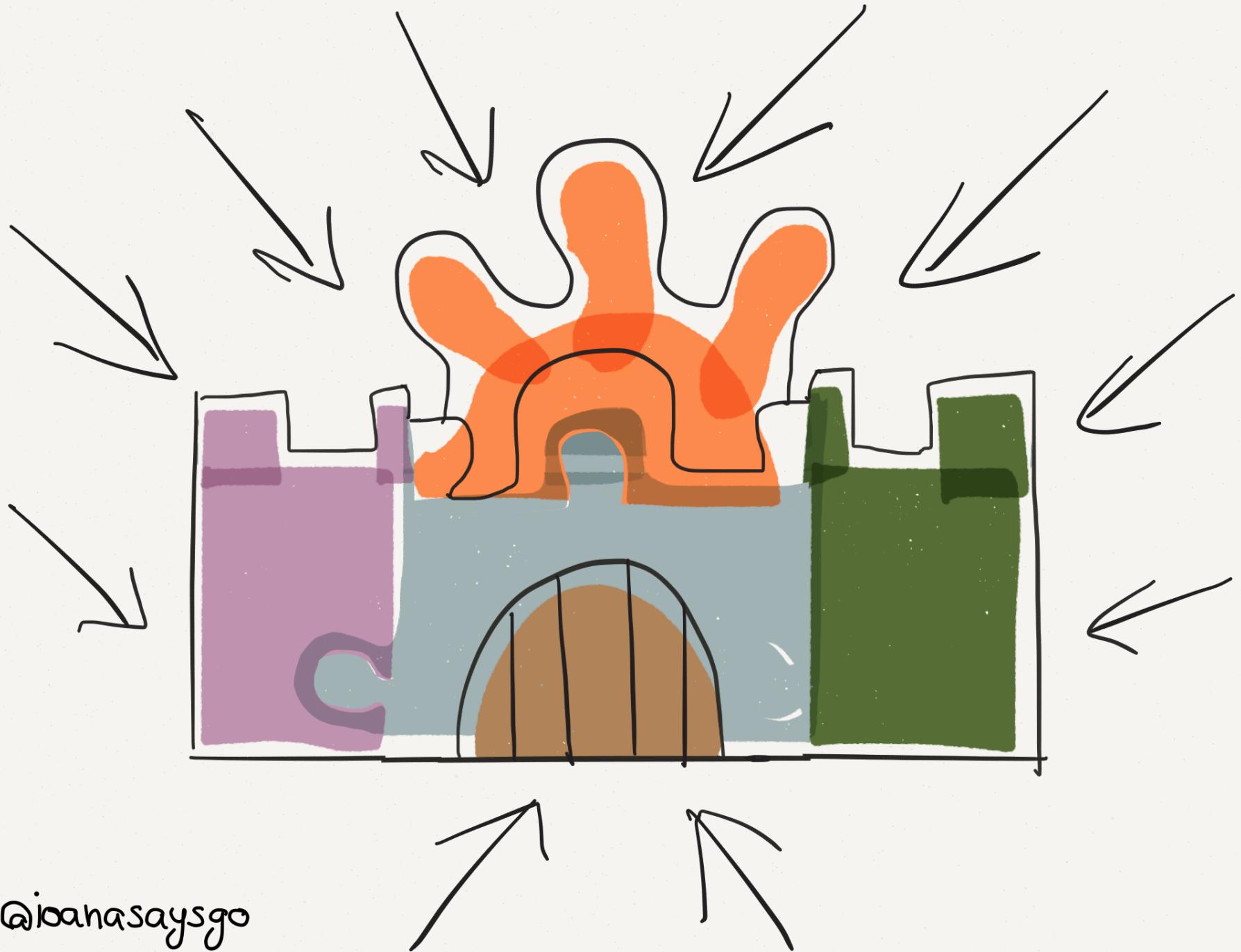
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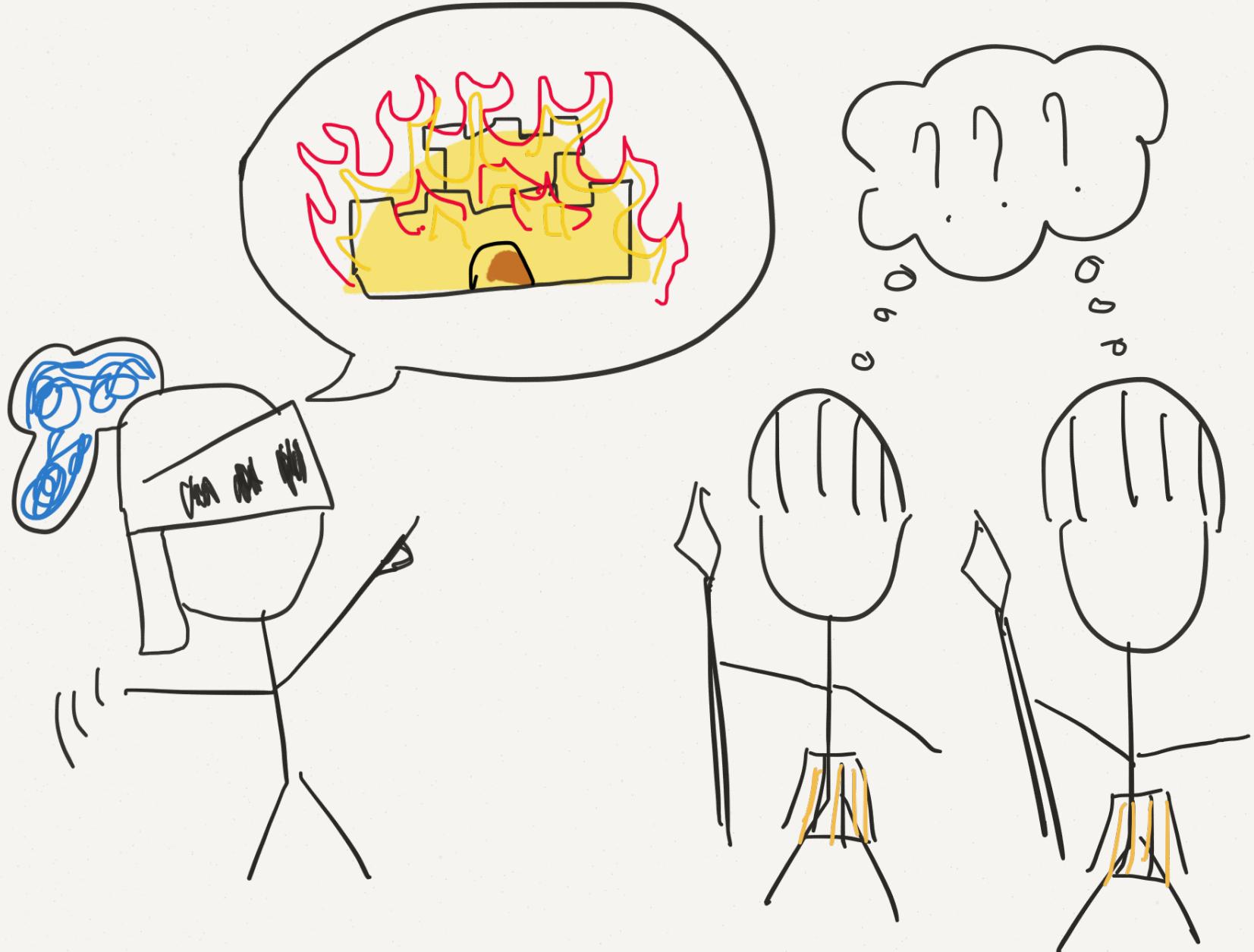


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This doesn't  
really solve  
                  
our issue . . .

# QUEST 5

GET IN TOUCH WITH  
THE DREADED  
THIRD - PARTY TEAM



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# QUEST 6

YOUR DEPLOYMENT  
HAS FAILED.

INVESTIGATE!



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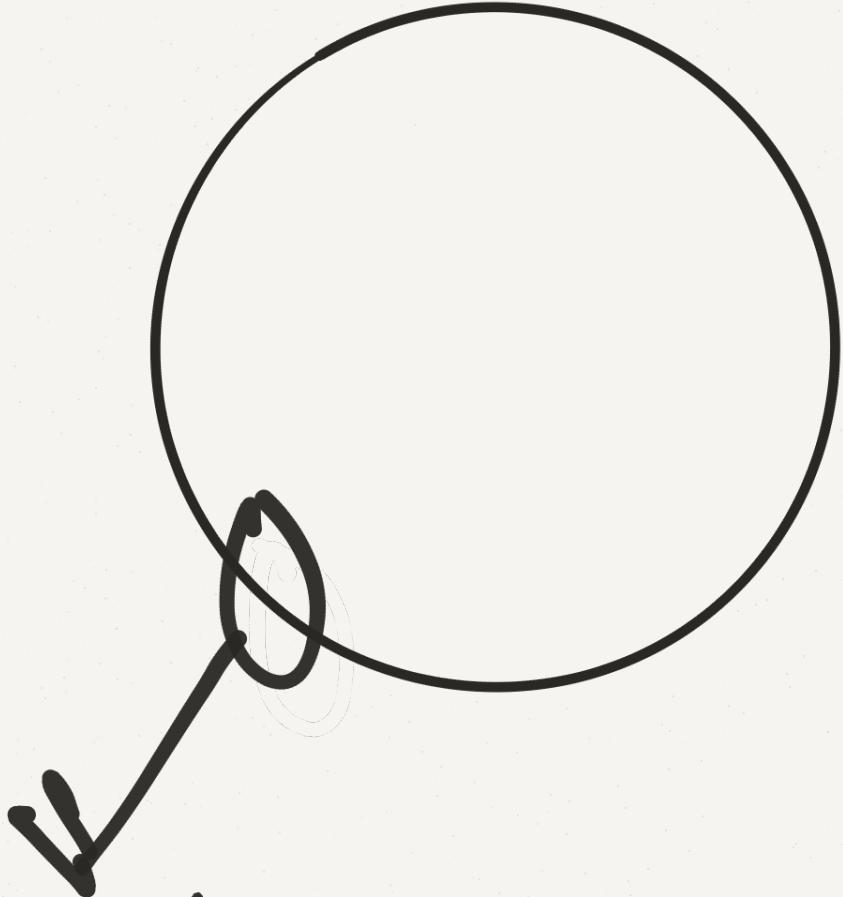
You find out  
how deployments  
work and earn  
+10 intelligence  
+5 charisma



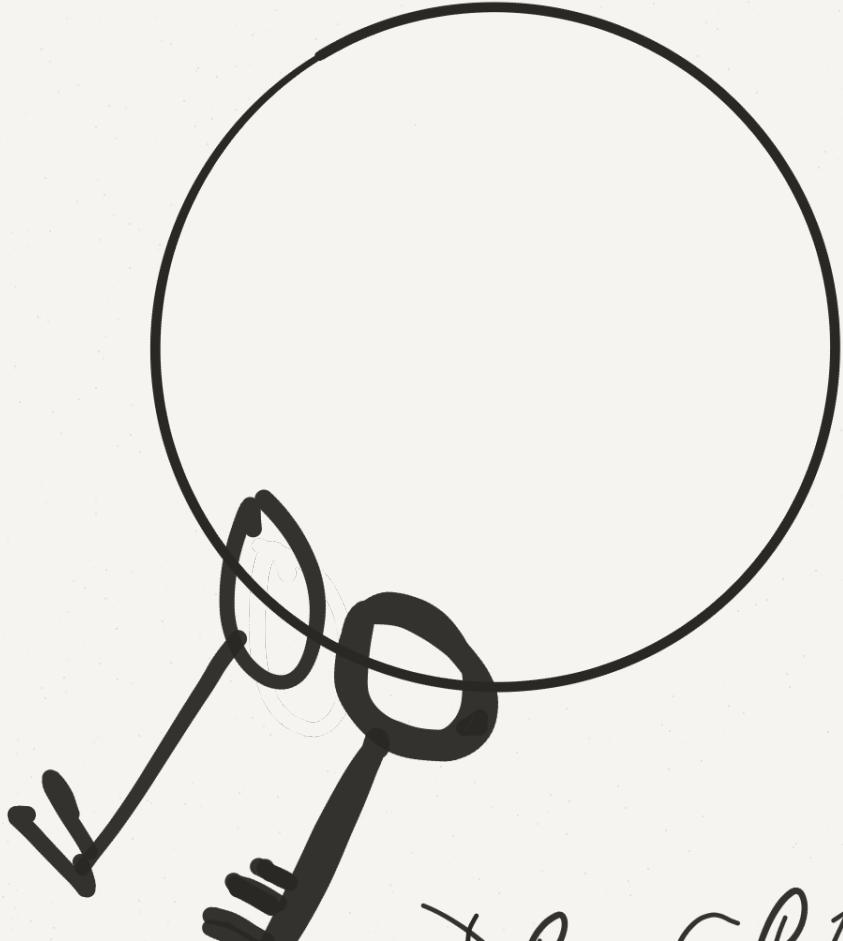
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# QUEST 7

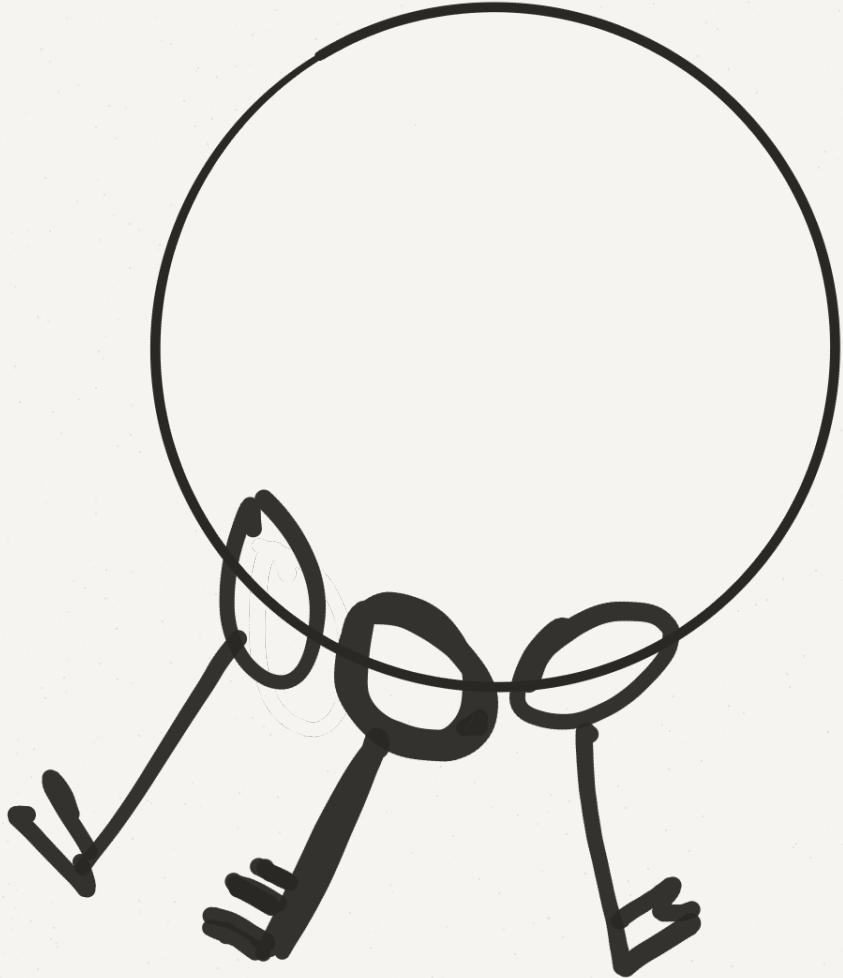
ASK FOR THE  
KEYS  
TO THE CASTLE



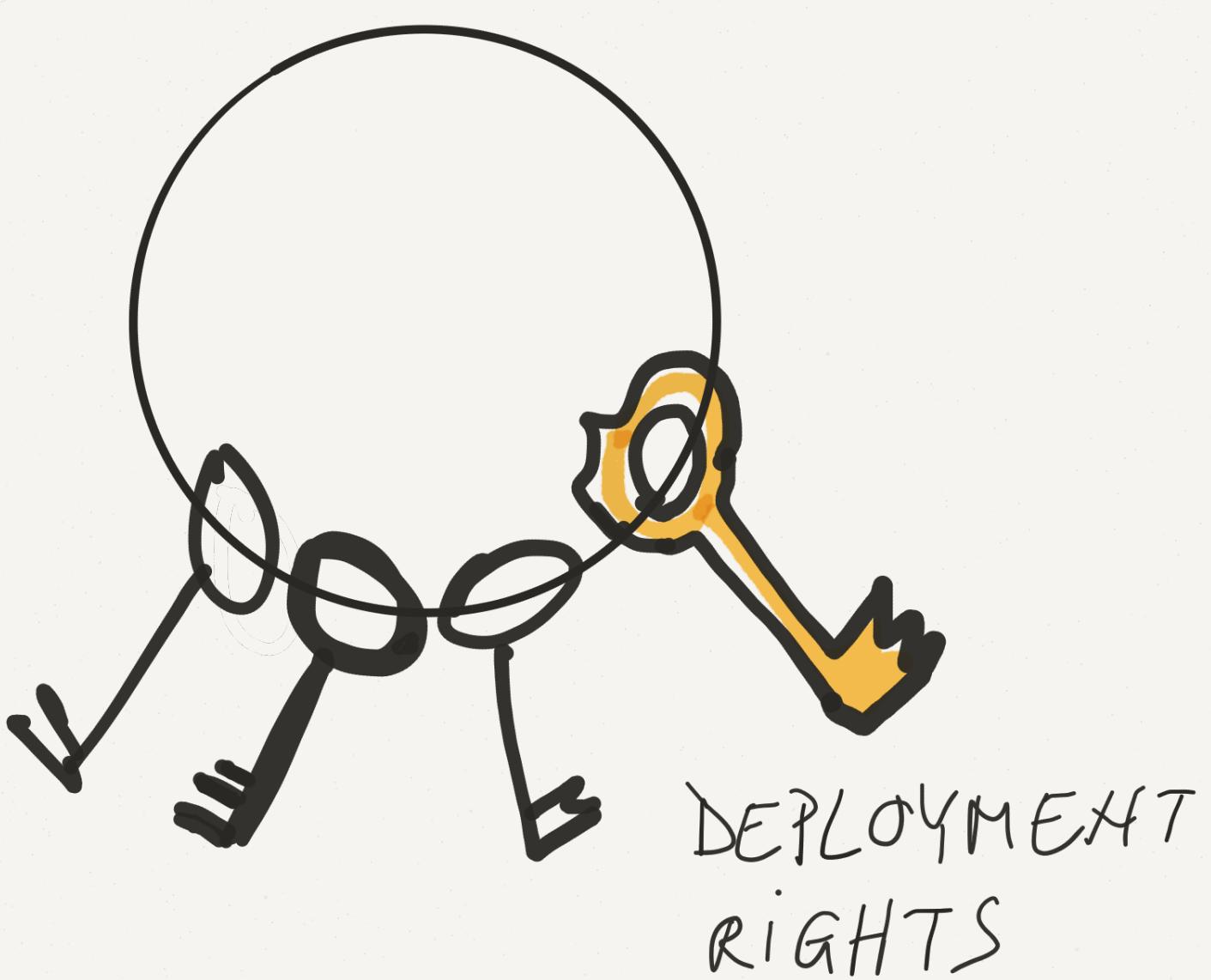
ACCESS TO THE CODE



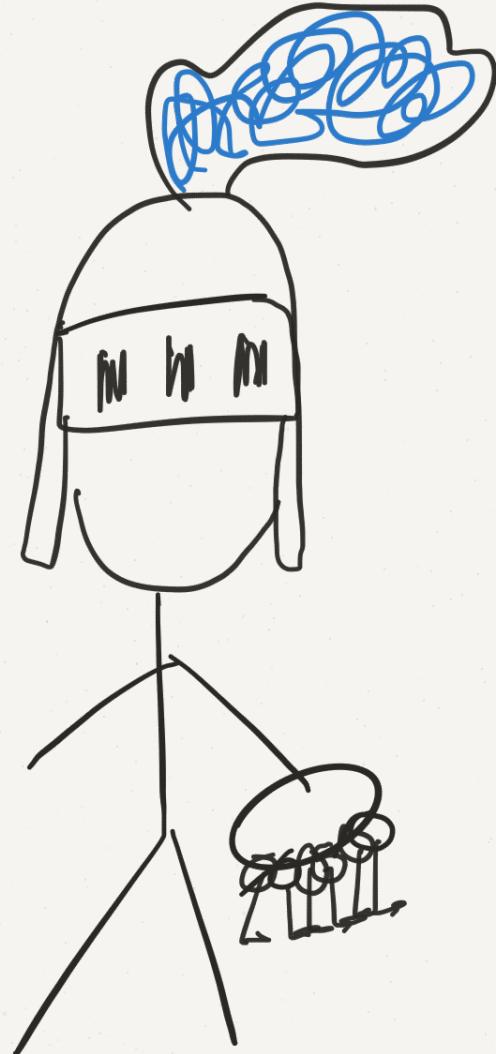
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ACCESS  
TO  
MONITORING

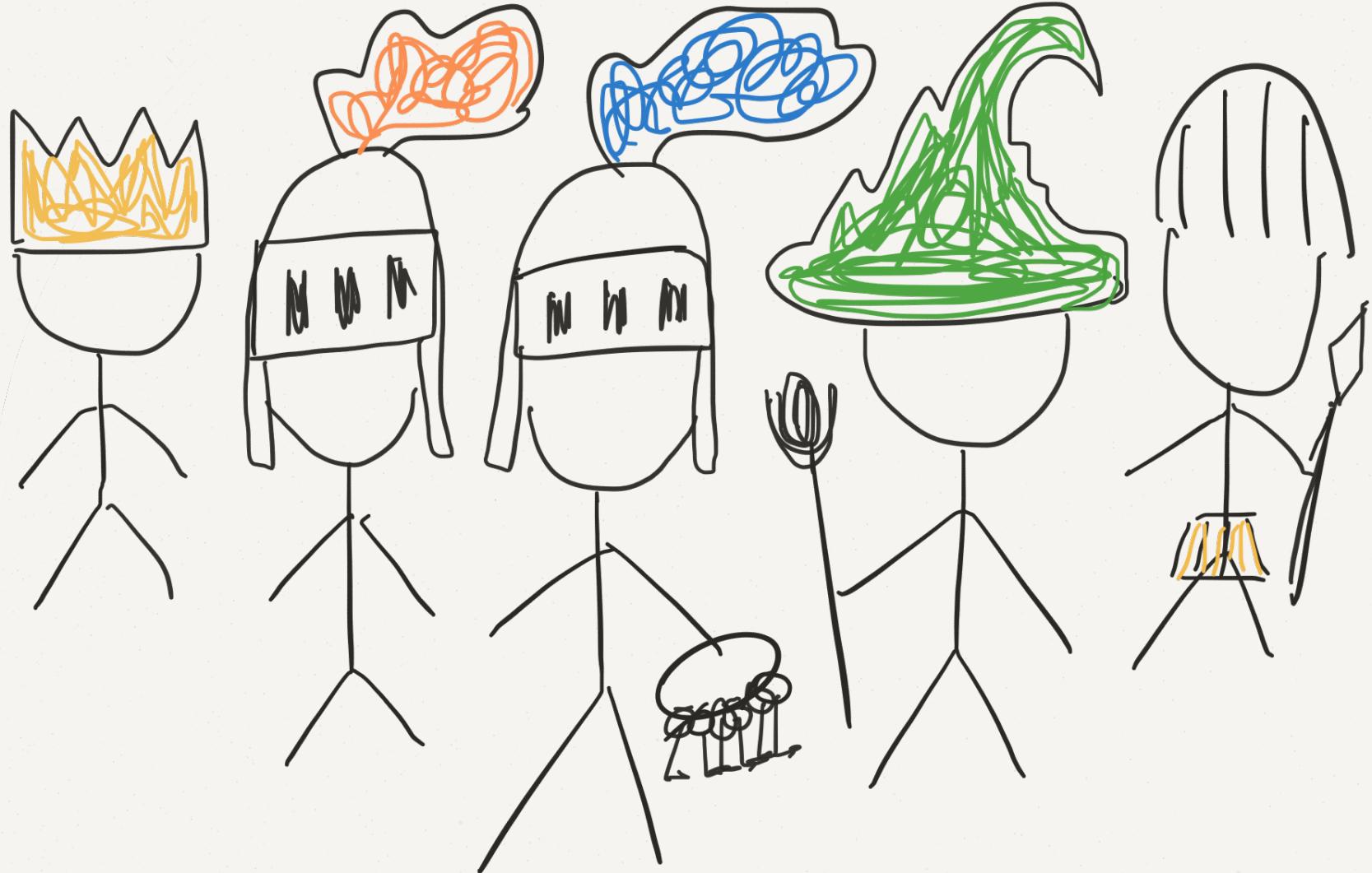


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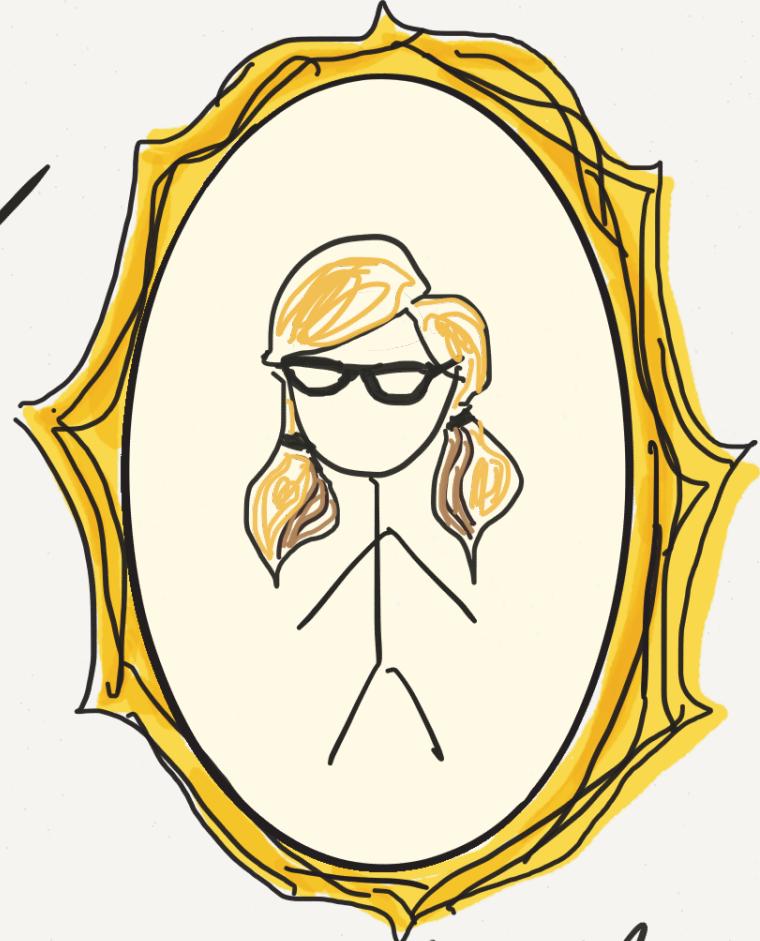
GO  
explorinG

@ioahasaysgo



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SPEAKING  
AT CAST  
 $\times 10$   
CHARISMA



Storyteller

# THANK YOU TO:

---



- o Speak Easy  
<http://speaking-easy.com>
- o Fiona Charles (@FionaCCharles)  
& Anne-Marie Charrett (@charrett)
- o Carsten Feilberg (@Carsten\_F)

QUESTIONS?

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