

**ThoughtWorks®**

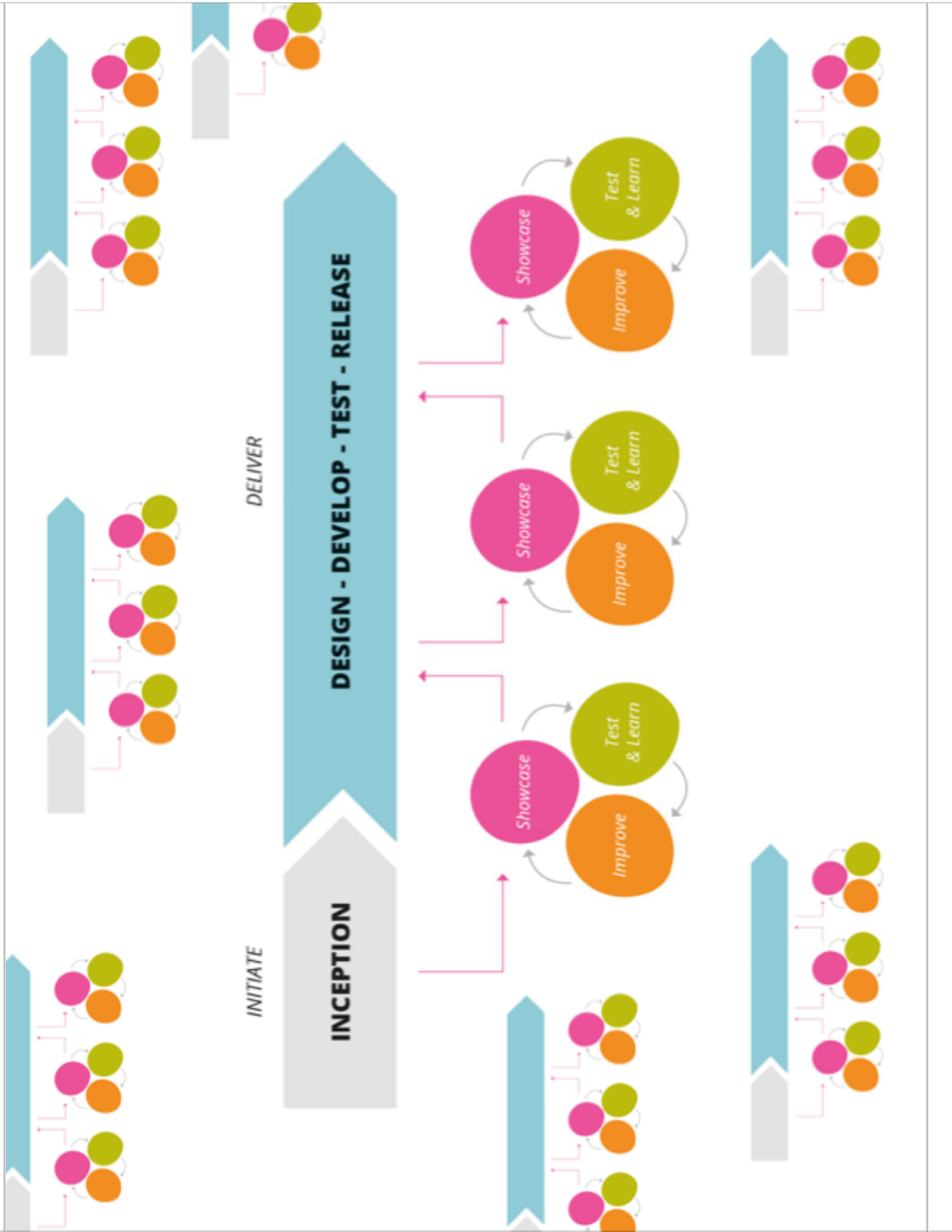
*welcome*

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# Agile Architecture

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*Martin Fowler*  
*Molly Bartlett Dishman*



## architecture |'ärki,tékCHər|

noun

**1** the art or practice of designing and constructing buildings.

• the style in which a building is designed or constructed, esp. with regard to a specific period, place, or culture: *Victorian architecture*.

**2** the complex or carefully designed structure of something: *the chemical architecture of the human brain*.

• the conceptual structure and logical organization of a computer or computer-based system: *a client/server architecture*.

architecture |'ärki, tekCHər|

noun

1 the art or practice of designing and constructing buildings.

• the way in which a building is designed or constructed (esp. with regard to a specific period, place, or culture) *the architecture of the 1930s*.

2 the complex or carefully designed structure of something: *the chemical architecture of the human body*.

• the conceptual structure and logical organization of a computer or computer-based system: *a client/server architecture*.

architecture |'ärki,tékCHər|

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**enterprise**

architecture

**application**



agile  
+  
architecture

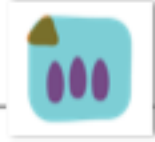




**In Planning**



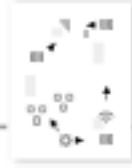
**In Analysis**



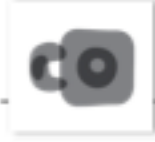
**In UX**



**In Design**



**In Dev**



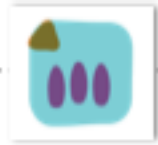
**In QA**



**Done**



**In Planning**



**In Analysis**



**In UX**



**In Design**



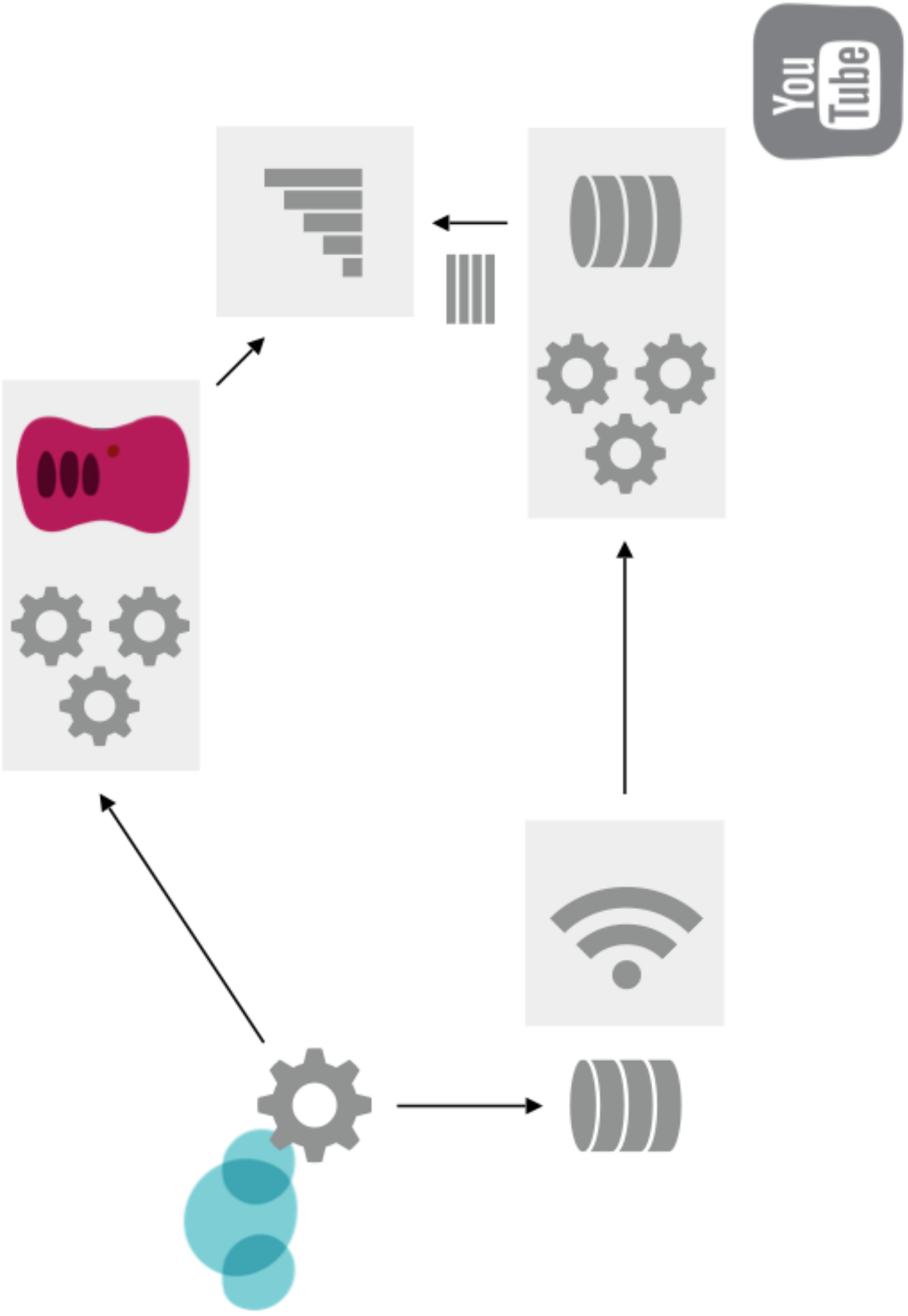
**In Dev**



**In QA**

**Done**

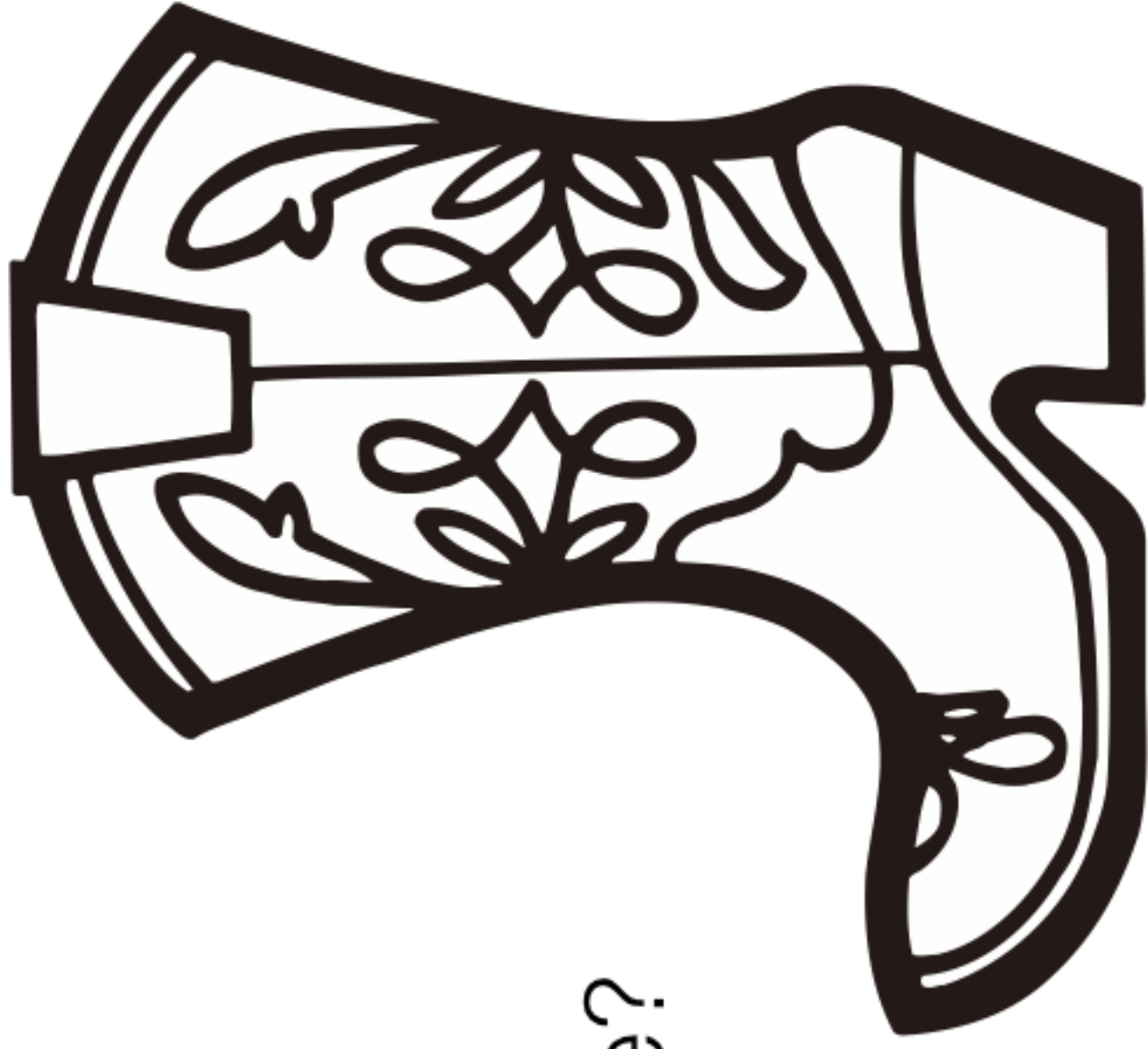


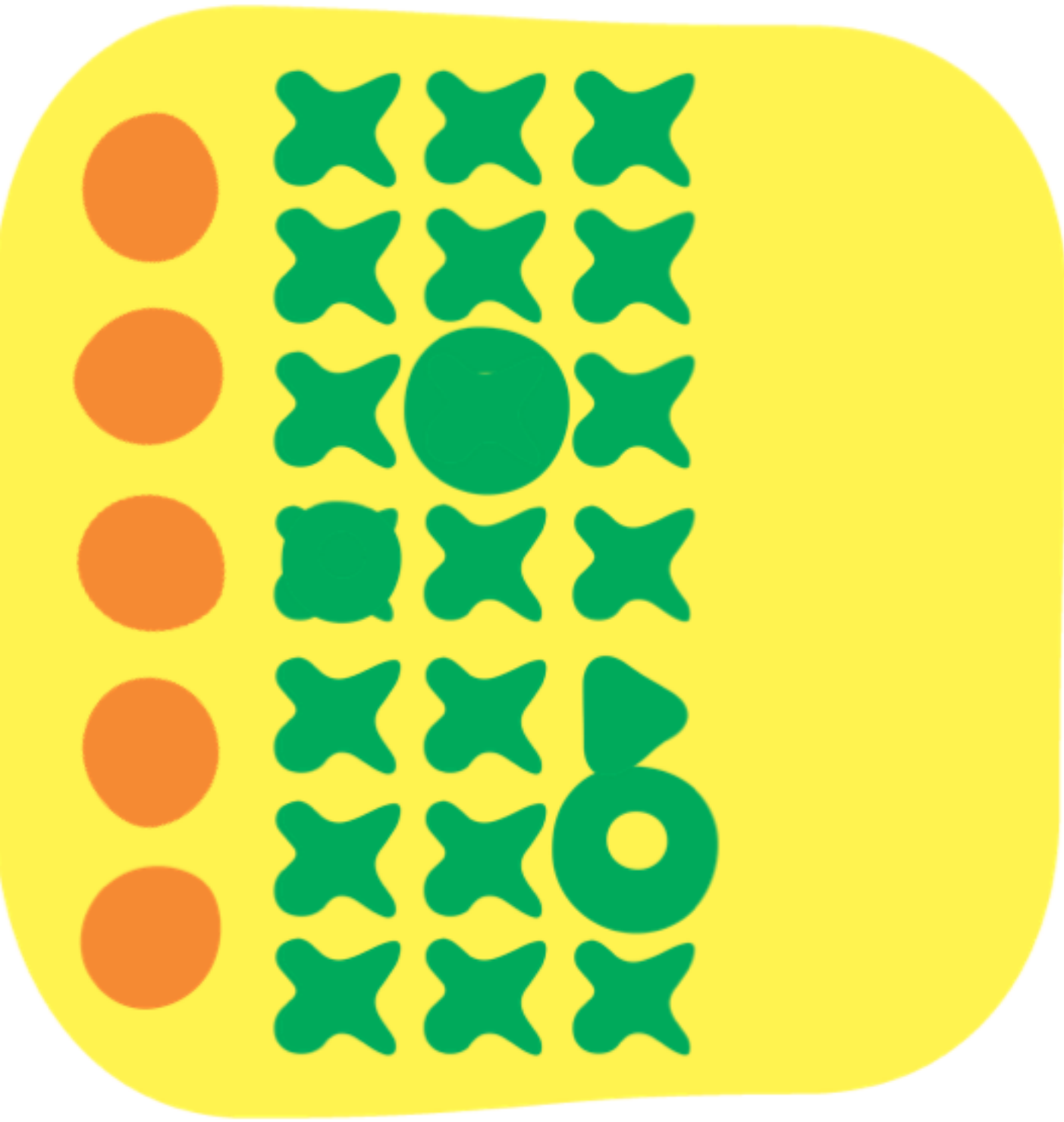


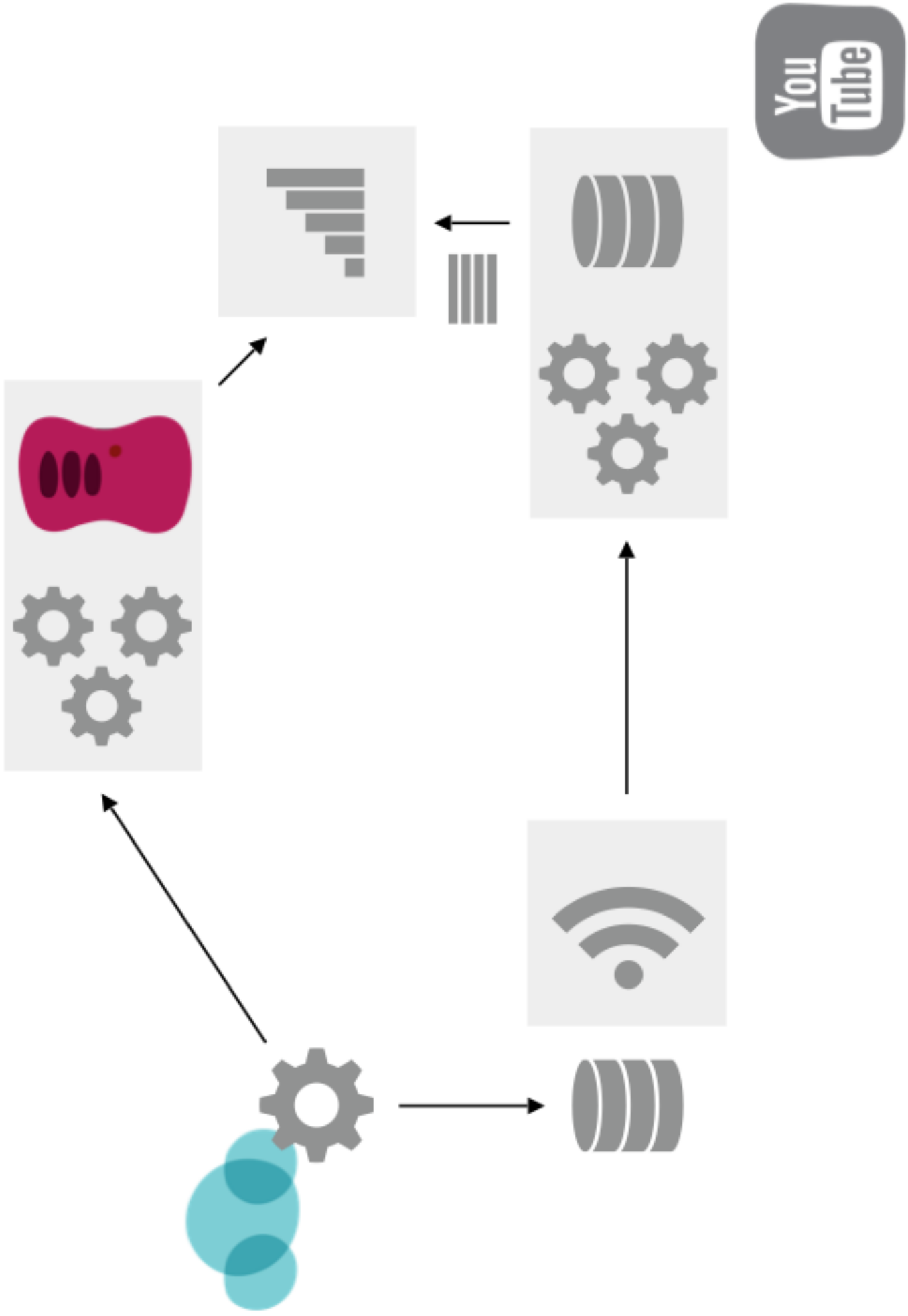
# ***Responding to Change***



So no  
architecture?







Handwritten notes on a green background, including the word "QUALITY" and some illegible text.

# How do you ensure architecture is happening?







*We're all agreed?*



*Ah!*



*Oh...*



*We're all agreed!*

the

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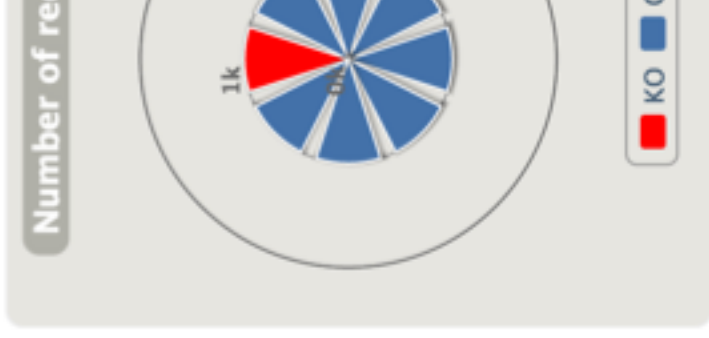
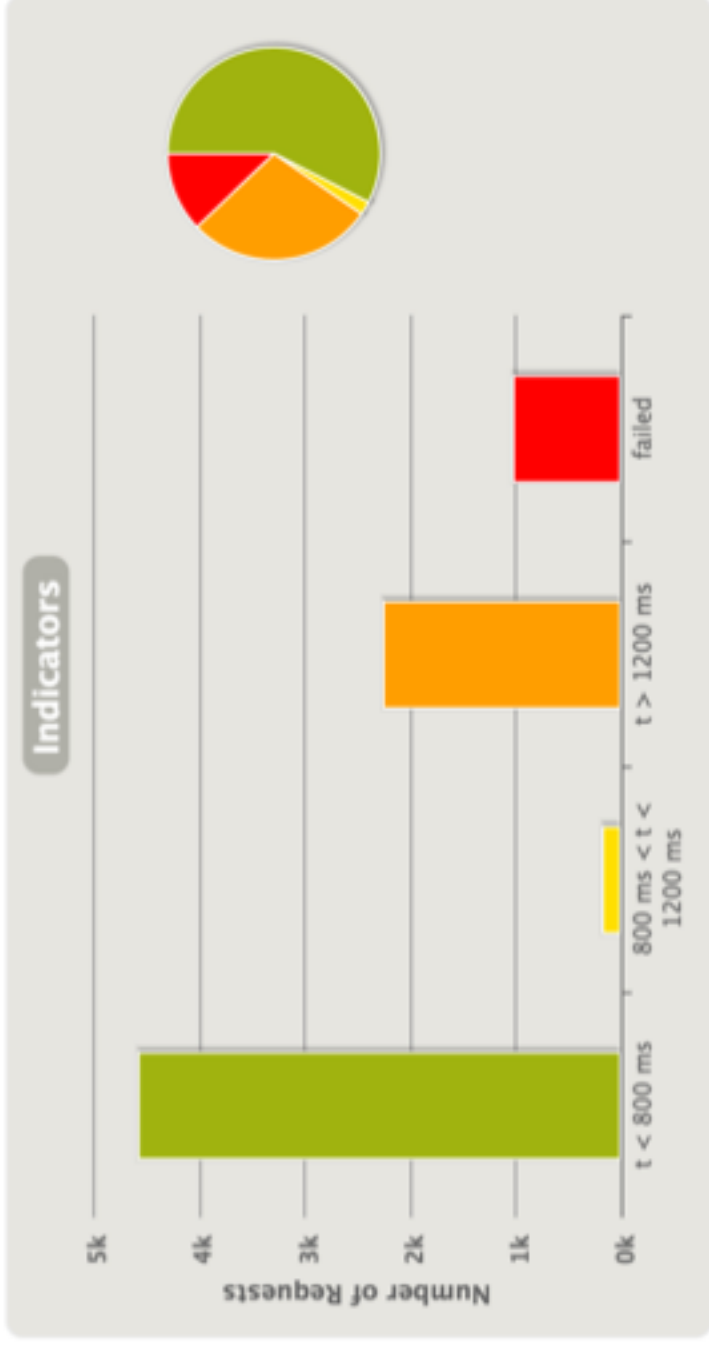
the application has 1 million users

**Given** the application has 1 million users

**When** a user accesses the application  
the application provides a response  
within 1 second

**Then**

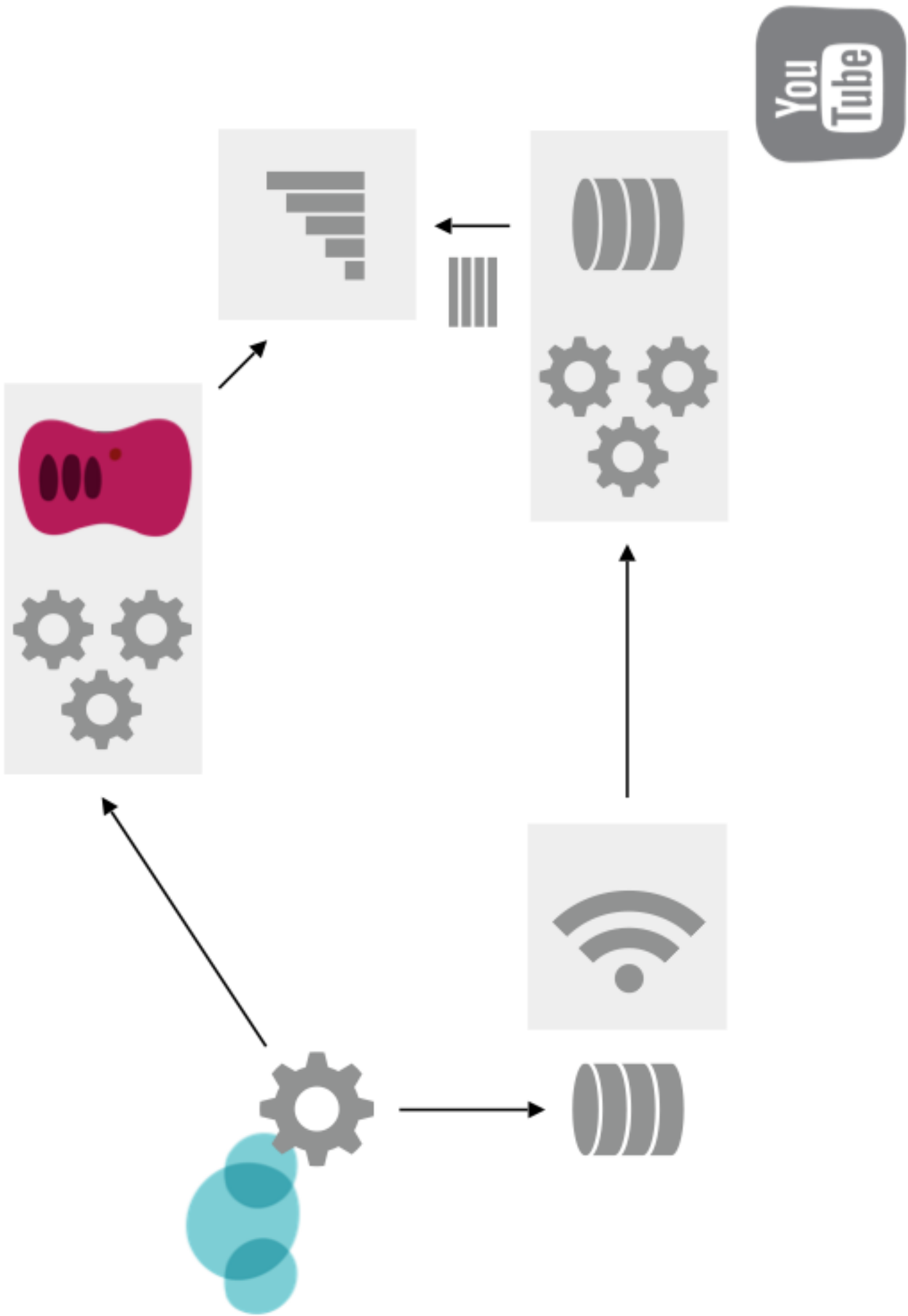
## > Global Information

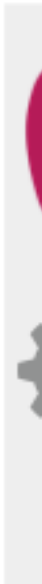


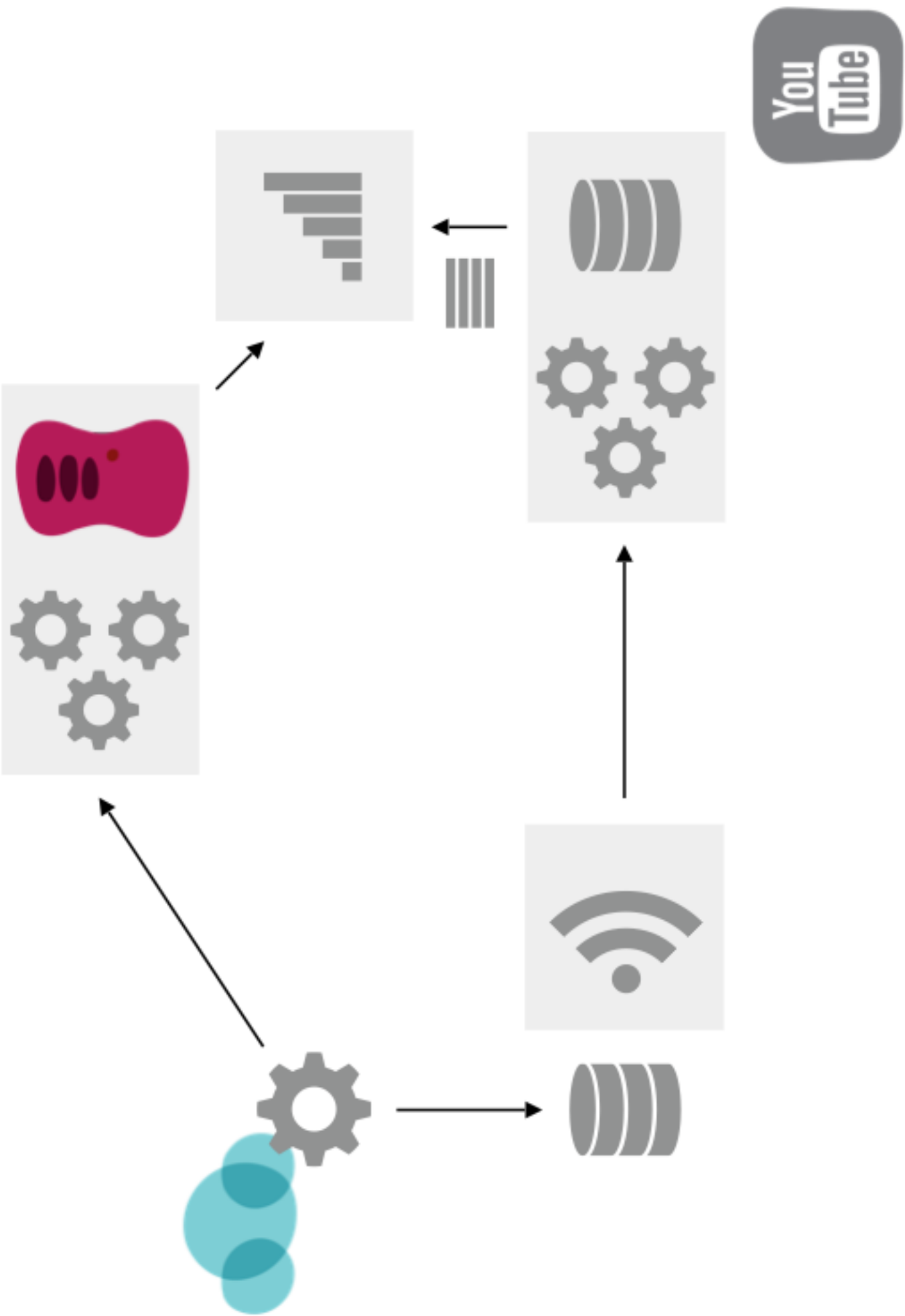
## > STATISTICS

Requests		Executions				Response Time (ms)			
Global Information	Total	OK	KO	Min	Max	Mean	Std Dev	95th pct	99th pct
861385402	8000	6990	1010	0	91280	3709	6948	21620	256
860642671	1000	0	1000	372	95243	3134	0	4561	92
	1000	1000	0	20015	51636	27100	2313	32642	348













# THANK YOU

Questions?

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