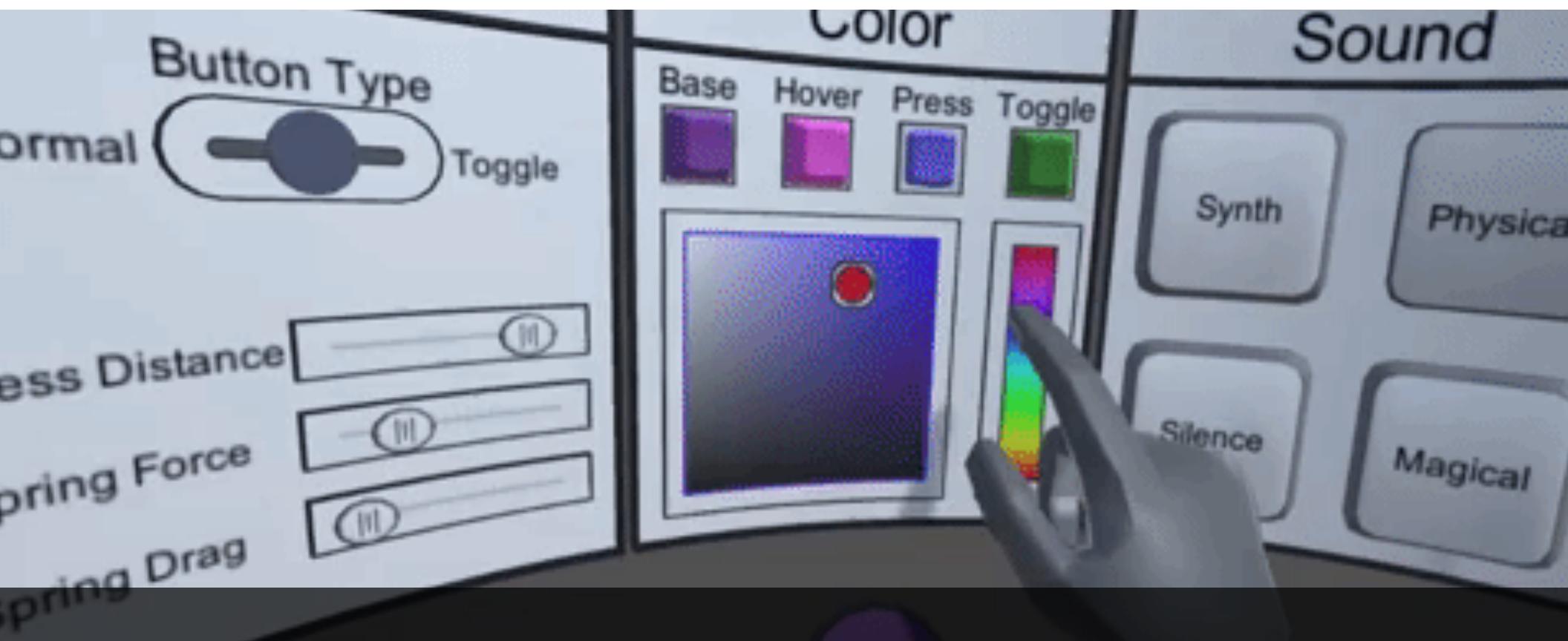


TECH 421 - Future of Digital Media

TECH 3706 - AR/VR in Architectural Environments





UI and UX



Screens

vs

Space



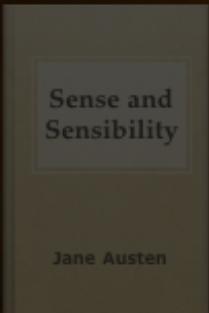
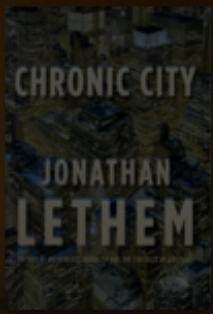
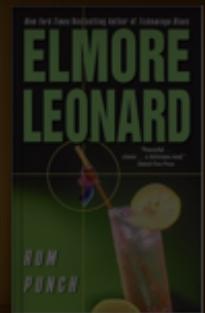
Manipulation



Exploration

Expectations

Skeuomorphism



Private Settings

Off

On

Off

Press

Press

Press

UI and UX





A color photograph from the movie "The Goonies". A young man with dark hair, wearing a brown jacket over a white shirt, stands on the roof of a dark-colored car. He is holding a white boombox with black speakers and a cassette slot above his head with both hands. The background consists of a dense forest of tall trees with green and yellow autumn leaves. The lighting suggests it is either dusk or dawn.

Diegetic vs Non-Diegetic



Diegetic vs Non-Diegetic

A close-up shot from the movie Mad Max: Fury Road. Max Rockatansky (Tom Hardy) is shown from the chest up, looking intensely at the camera. He has a rugged, battle-worn appearance with short, spiky hair and a serious expression. He is wearing a dark, heavily modified leather jacket with various attachments. In the background, a massive, ornate mechanical arm or hand is visible, suggesting a post-apocalyptic setting where vehicles have evolved into weapons. The lighting is gritty and dramatic.

Diegetic vs Non-Diegetic

ANALYSIS
CODES:
234654 453 30
654334 450 16
245261 865 26
453665 765 46

MATCH

SCAN MODE 43894
SIZE ASSESSMENT

ASSESSMENT COMPLETE
FIT PROBABILITY 0.99

RESET TO ACQUISITION
MODE SPEECH LEVEL 78

PRIORITY OVERRIDE
DEFENSE SYSTEMS SET
ACTIVE STATUS
LEVEL 2347923 MAX





Smarter Objects by Valentin Heun, Shunichi Kasahara, Pattie Maes - MIT Media Lab

ANALYSIS
CODES:
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654334 450 16
245261 865 26
453665 765 46

MATCH

SCAN MODE 43894
SIZE ASSESSMENT

ASSESSMENT COMPLETE
FIT PROBABILITY 0.99

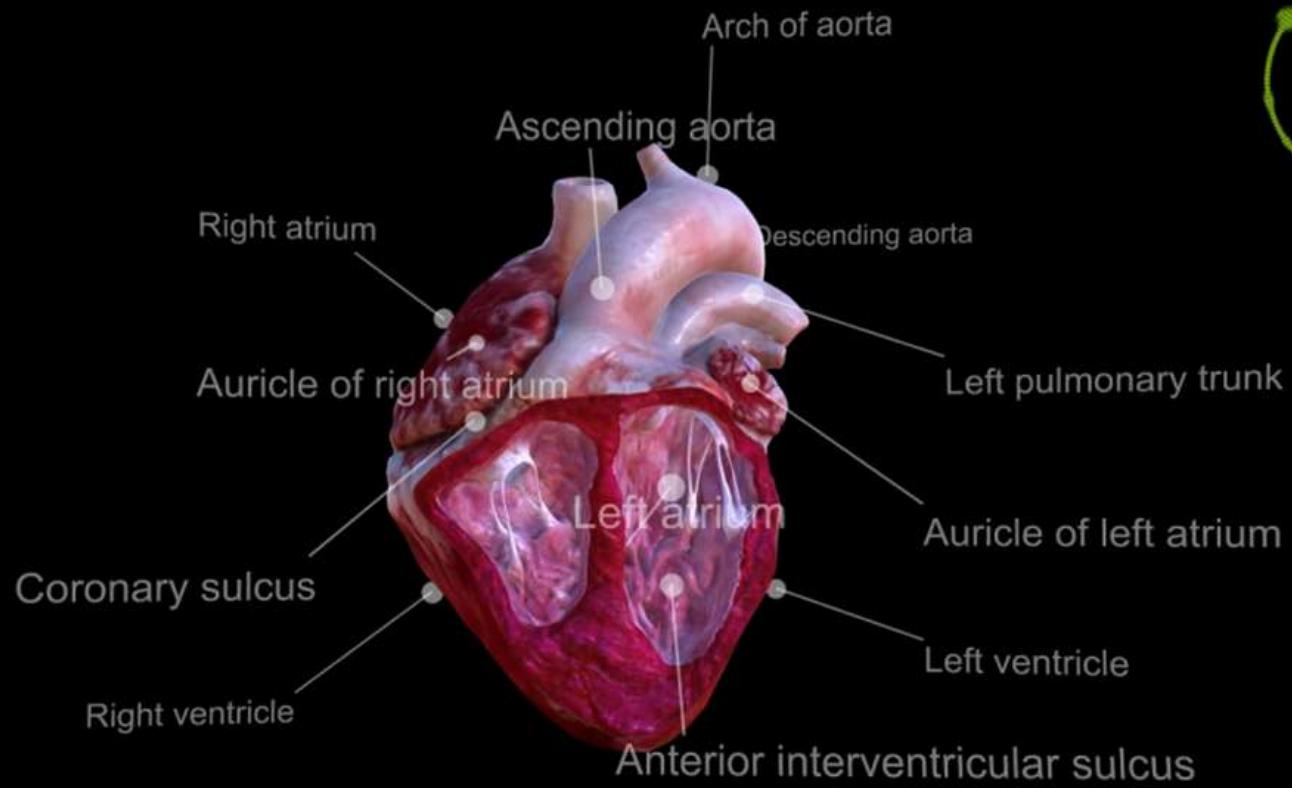
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PRIORITY OVERRIDE
DEFENSE SYSTEMS SET
ACTIVE STATUS
LEVEL 2347923 MAX

ANIMA RES

Studio for 3D medical animation

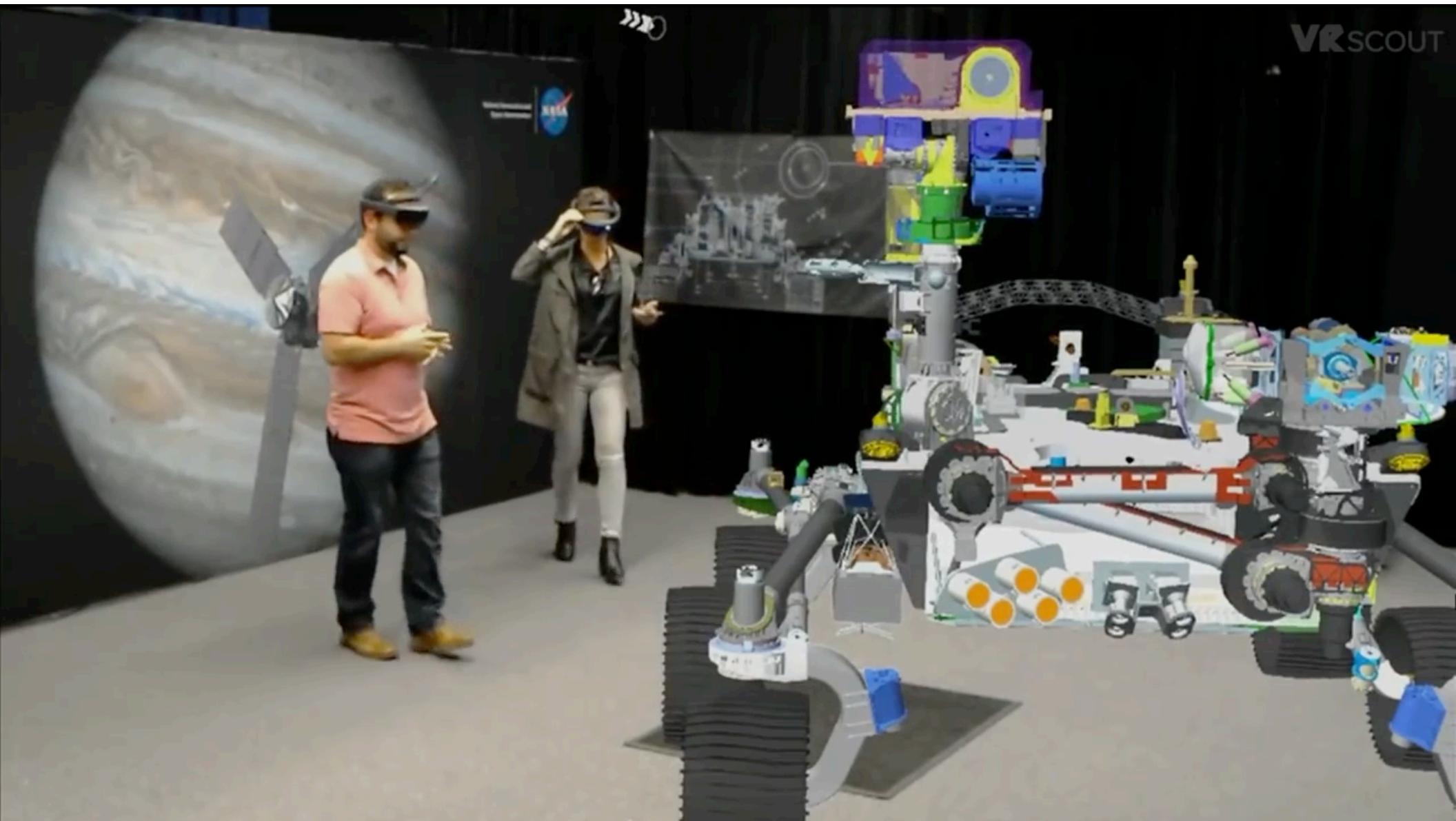




taking medical education
to the next level

ANIMA RES
Studio for 3D medical animation

VRSCOUT



ANALYSIS
CODES:
234654 453 30
654334 450 16
245261 865 26
453665 765 46

MATCH

SCAN MODE 43894
SIZE ASSESSMENT

ASSESSMENT COMPLETE
FIT PROBABILITY 0.99

RESET TO ACQUISITION
MODE SPEECH LEVEL 78

PRIORITY OVERRIDE
DEFENSE SYSTEMS SET
ACTIVE STATUS
LEVEL 2347923 MAX

< Prev

SIZE ASSESSMENT

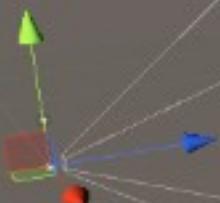
ASSESSMENT COMPLETE

FIT PROBABILITY 0.99

**RESET TO ACQUISITION
MODE SPEECH LEVEL 78**

**PRIORITY OVERRIDE
DEFENSE SYSTEMS SET
ACTIVE STATUS
LEVEL 2347923 MAX**

MATCH



234854.453 31
854234.450 38
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321856.803 39

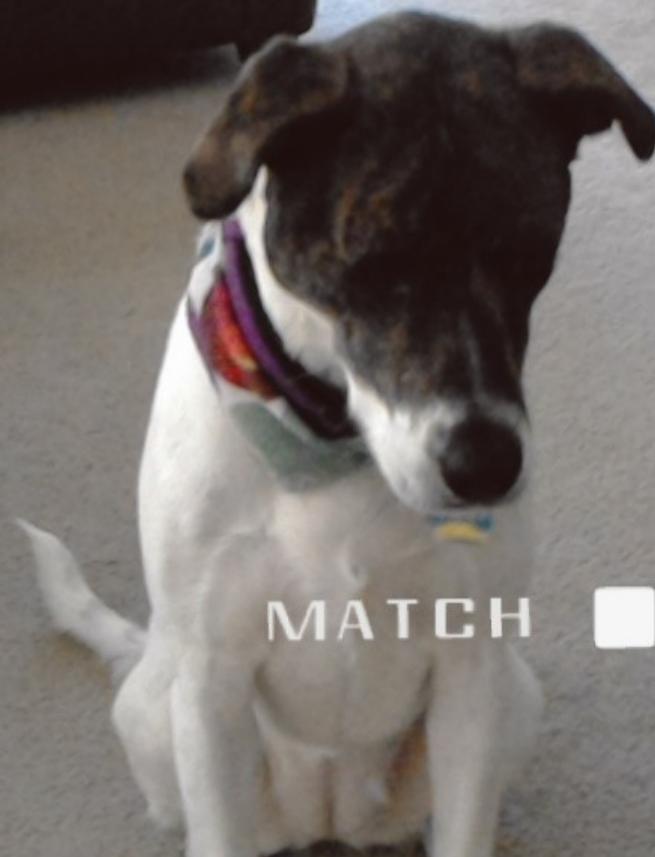
156878.554 34
64211.905 30
254396.956 32

Camera Preview

ANALYSIS:

234654 453 38
654334 450 16
245261 856 26
453665 766 46
382856 863 09

356878 544 04
664217 985 89
254346 956 32



SCAN MODE 43984
SIZE ASSESSMENT

ASSESSMENT COMPLETE

FIT PROBABILITY 0.99

RESET TO ACQUISITION
MODE SPEECH LEVEL 78

PRIORITY OVERRIDE
DEFENSE SYSTEMS SET
ACTIVE STATUS
LEVEL 2347923 MAX

SCAN MODE 43984
SIZE ASSESSMENT
ASSESSMENT COMPLETE
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RESET TO ACQUISITION
MODE SPEECH LEVEL 78
PRIORITY OVERRIDE
DEFENSE SYSTEMS SET
ACTIVE STATUS
LEVEL 2347923 MAX

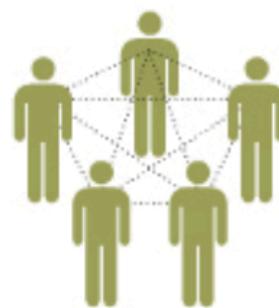
38
16
26
46
09
04
89
32

MATCH

Traditional Design



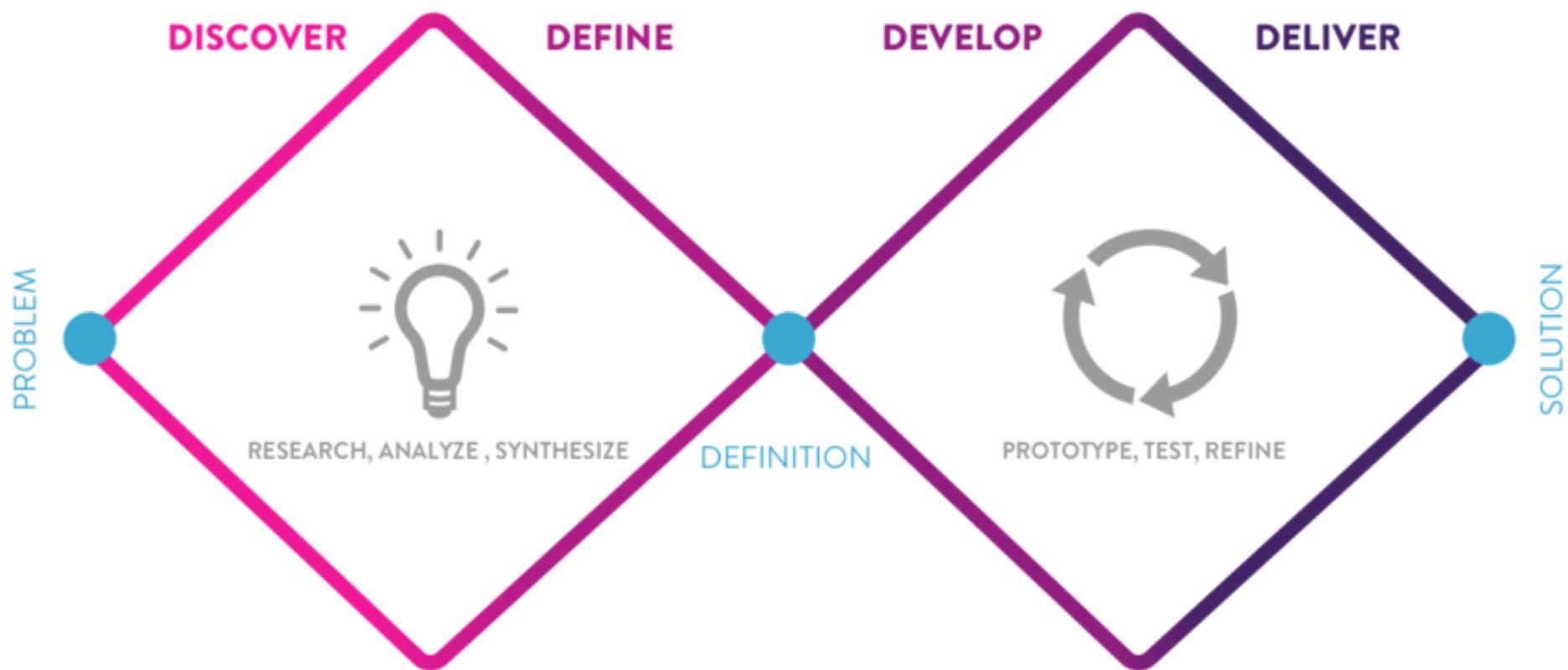
Alone-work



**Single-discipline
Teamwork**



**Cross-discipline
Teamwork**



INSPIRATION

I have a design challenge.

How do I get started?

How do I conduct an interview?

How do I stay human-centered?

IDEATION

I have an opportunity for design.

How do I interpret what I've learned?

How do I turn my insights into

tangible ideas?

How do I make a prototype?

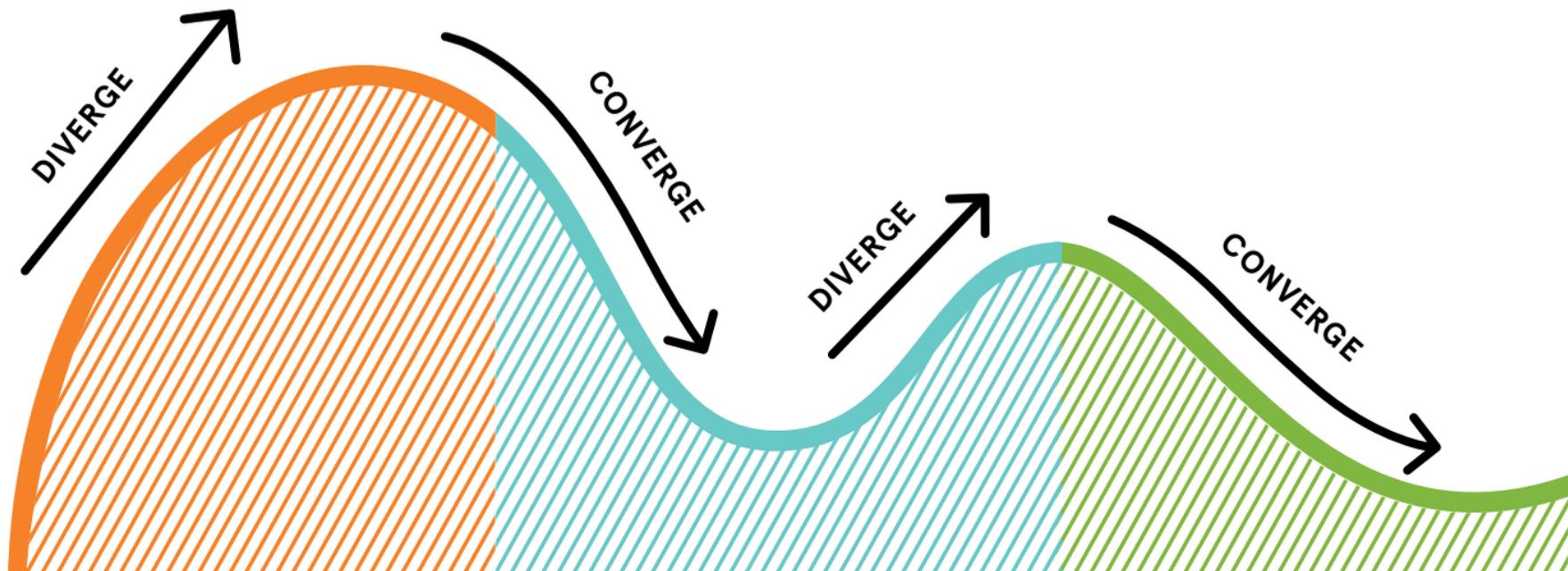
IMPLEMENTATION

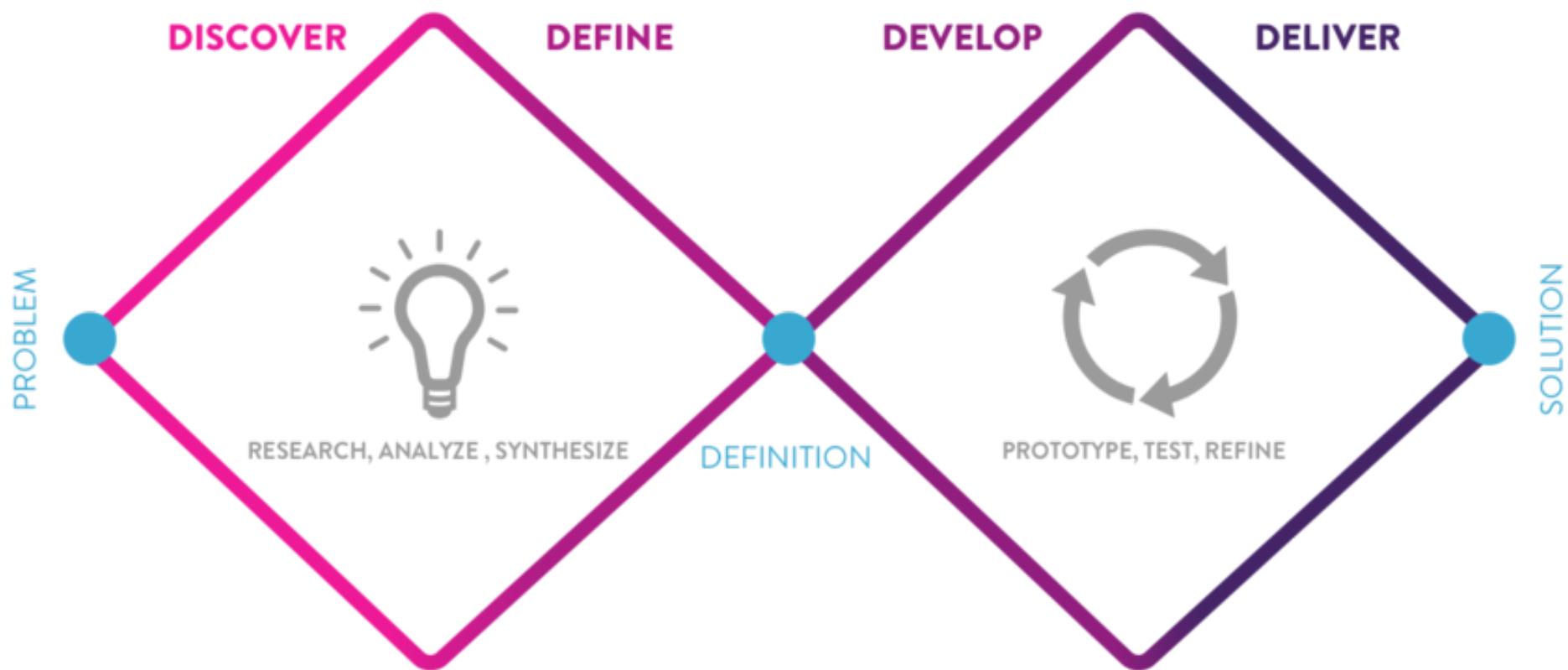
I have an innovative solution.

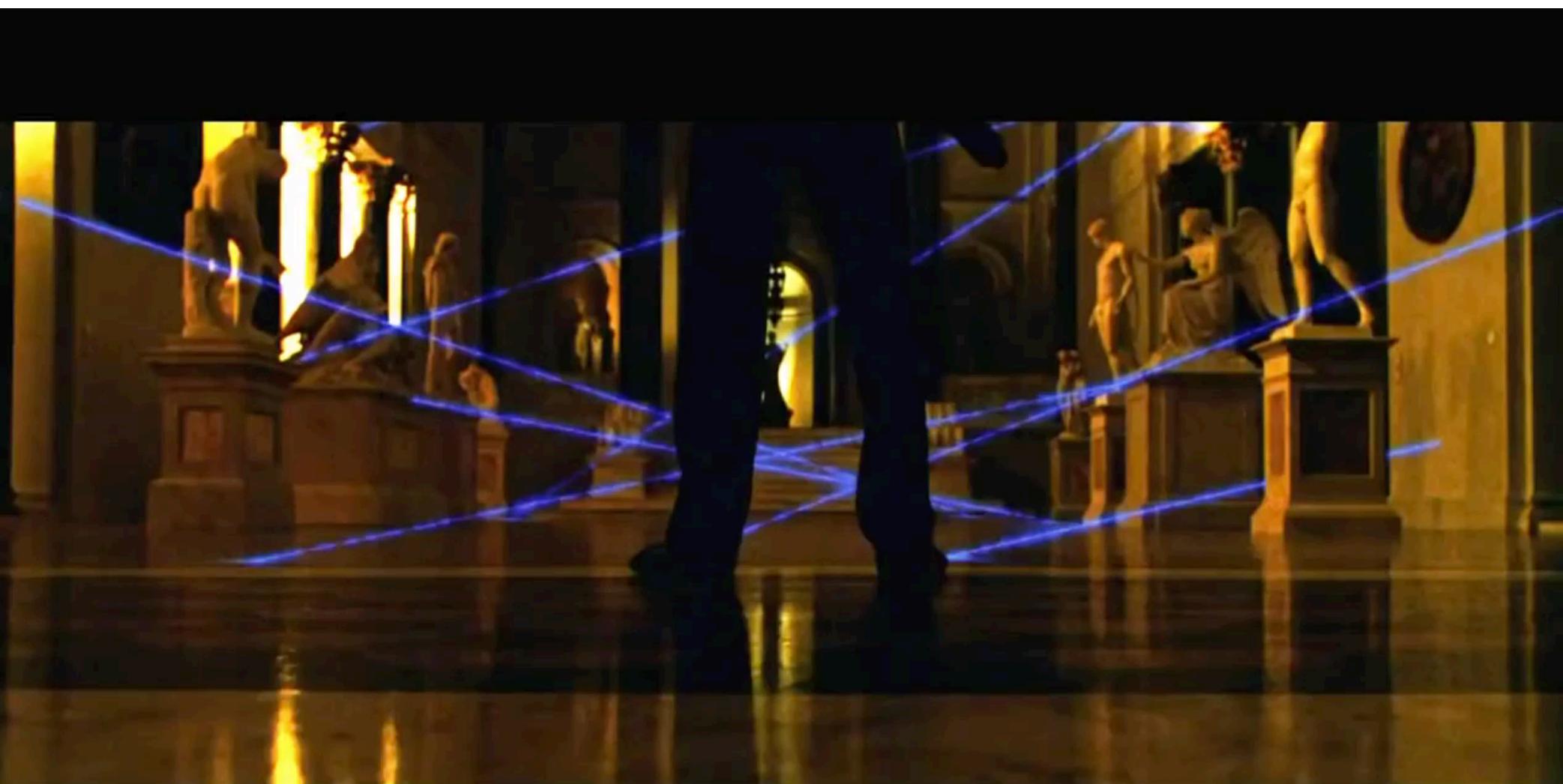
How do I make my concept real?

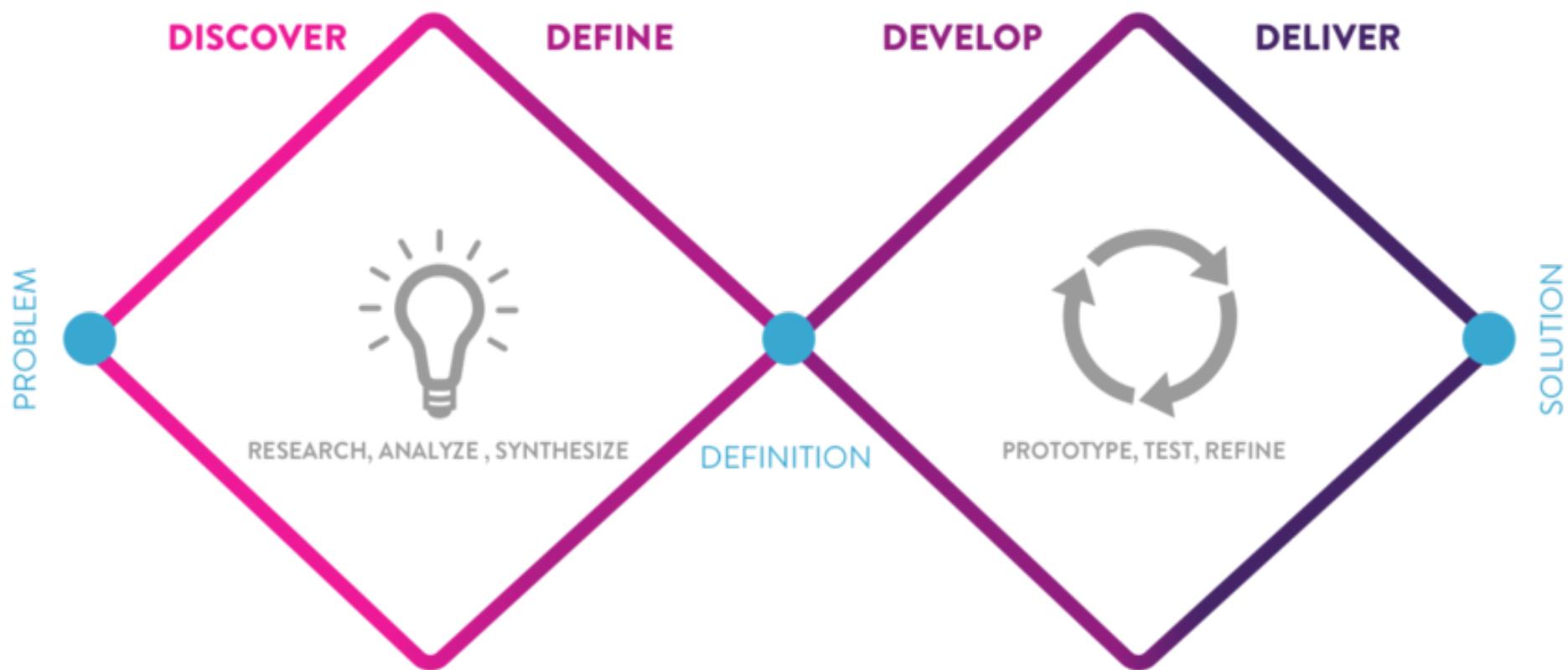
How do I assess if it's working?

How do I plan for sustainability?













HOW TO BUILD A MINIMUM VIABLE PRODUCT

NOT LIKE THIS



1

2

3

4

LIKE THIS



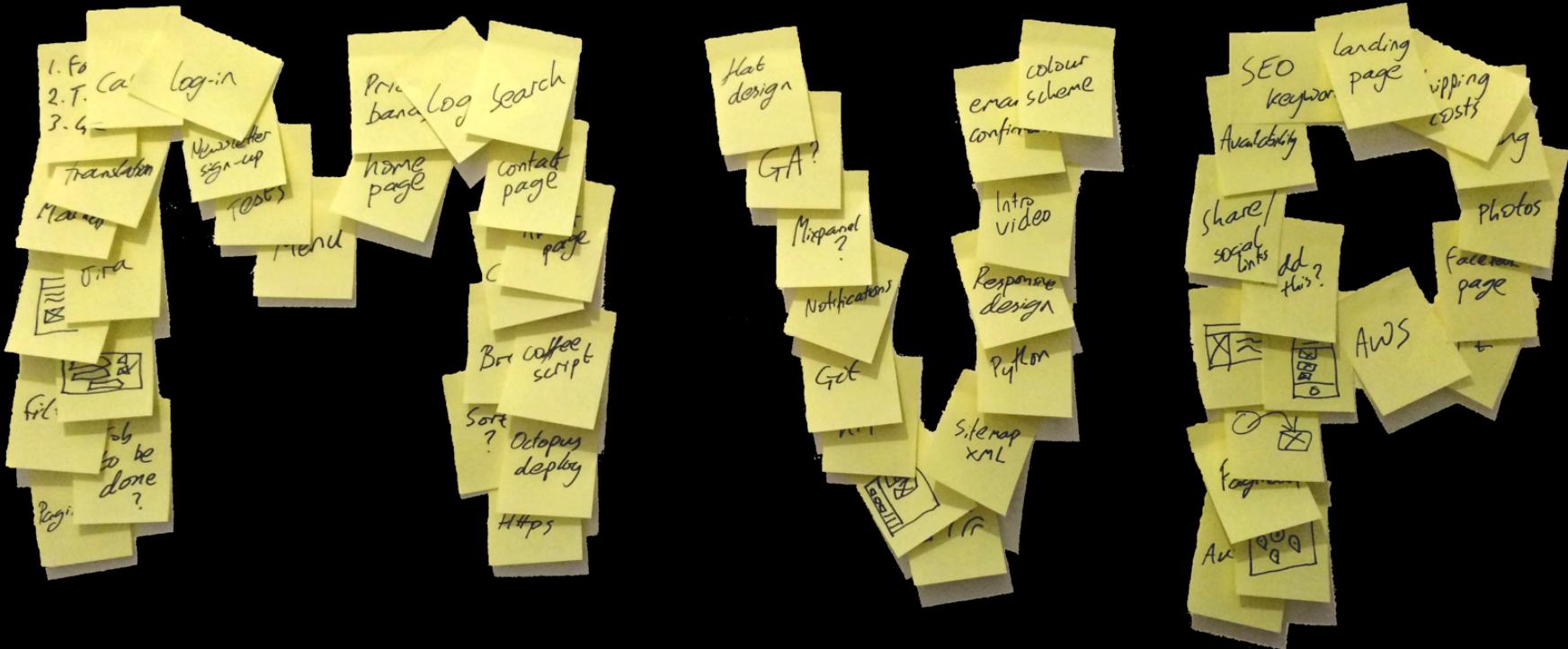
1

2

3

4

5



Non-Obvious User Interactions

Instructions

Levels? Parts?

Does Experience Have an End?

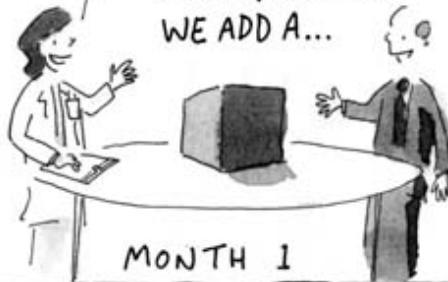
Managing Information and States

BRAND CAMP

ATTACK OF THE FEATURE CREEP

VOILA, OUR NEW
PRODUCT - SIMPLE
AND ELEGANT

GREAT, BUT CAN
WE ADD A...



MONTH 1

by Tom Fishburne

WE'VE INCORPORATED
YOUR FEEDBACK
I HAD ANOTHER IDEA
IN THE SHOWER...



MONTH 2

HERE ARE A FEW
THOUGHTS I WROTE
ON A COCKTAIL NAPKIN



MONTH 3

IT MUST APPEAL TO BOTH
BOOMERS AND TWEENERS



MONTH 4

IT'S JUST NOT SINGLE-
MINDED ENOUGH



MONTH 5

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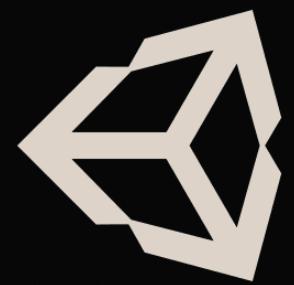


while a number is greater than zero,
do the following:
Add the number to the running total.
once the number is greater than zero

pseudocode







unity



Hello Unity

<http://bit.ly/1SLXn9P>

Daniel Shiffman

Computer Programming for the Total Beginner
and

The Nature of Code

<http://bit.ly/2vuyhA7>

Designing for Mixed Reality - Chapter 5

<http://goo.gl/GzjTL3>

Design For Humanity - Parts 4,5

<http://goo.gl/mWoxTm>

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