

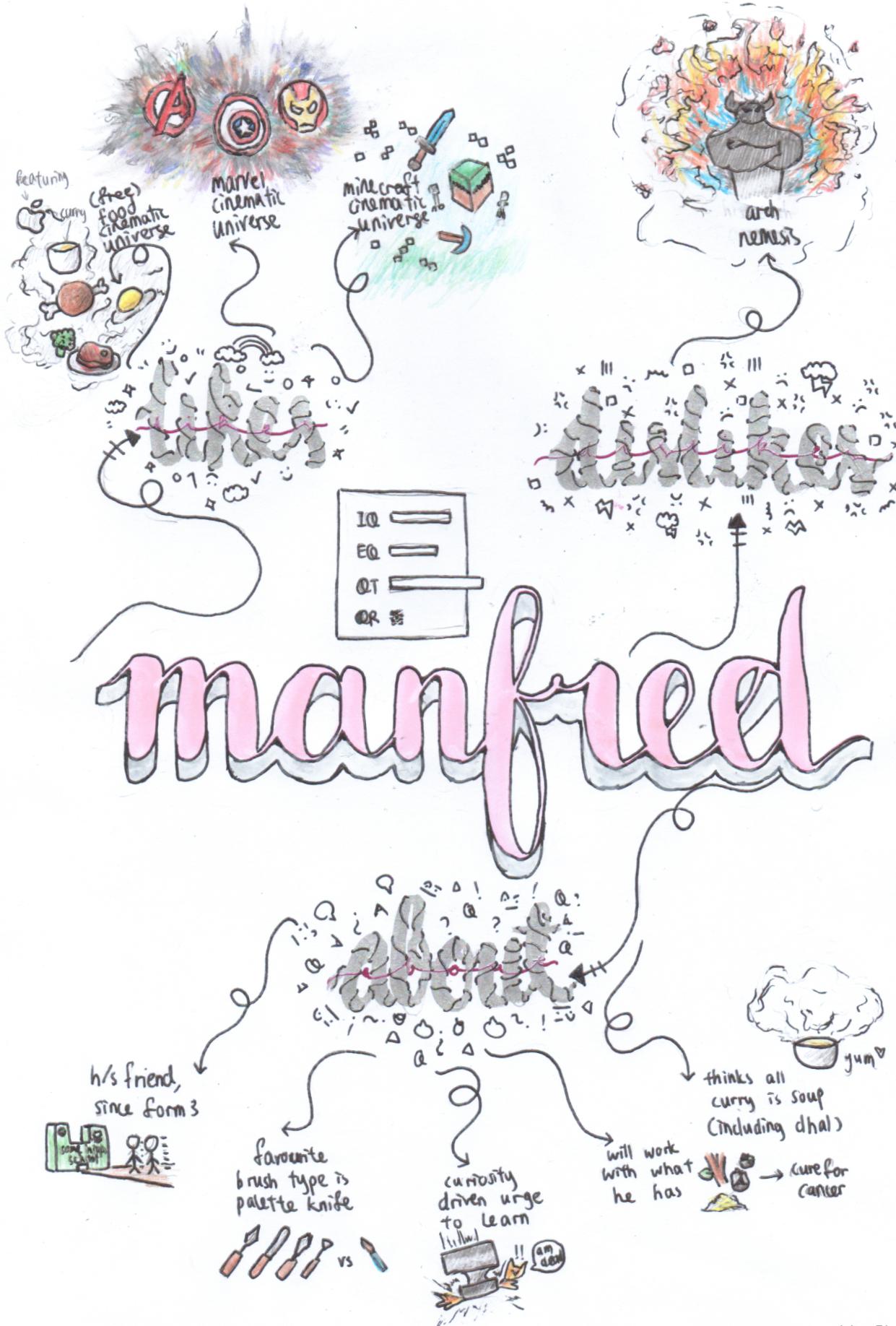
Lim Jia Sheng

Assignment One

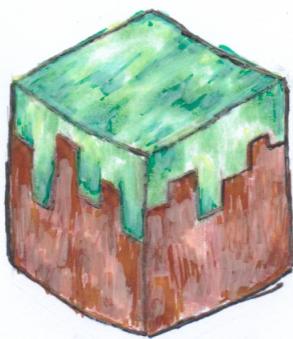
Melon Candy Dispenser

0344034,
LIN 30105,
CCTS,
march 2020

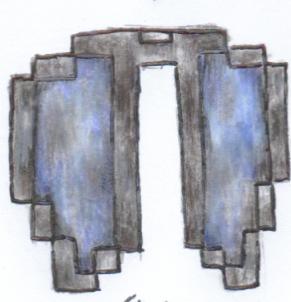




— definition



exploring:
minecraft



Elytra

- special and rare item
- he has a stash of them in game



Melon

- he has built a big farm for them
- always snatched to trade them



Wither skeleton
skull

- inside reference
- formed from my lack of luck when playing with him

— definition



exploring:
MARVEL



(paraphrased)

I'm bored, gimme
MCU movie
suggestions

alt lol

bro I'm bored,
not retired

then imo, far
from home is
pretty good



Spider-Man:
far from home
(2019)



Ribena Blackcurrant
Pastilles

- Frequently sneaks to eat
- Likes to buy them for himself & others

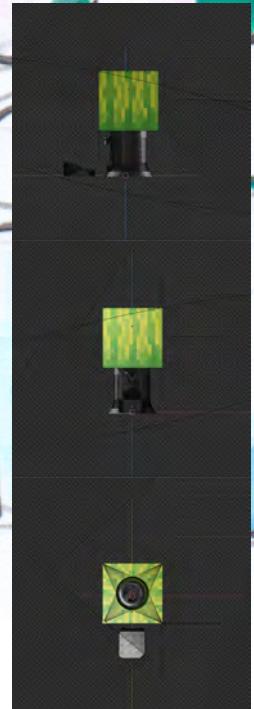


Sour cream &
onion pringles

- the only flavour he will buy
- proudly claims that it is the best flavour and everything else is inferior

Melon Candy Dispenser

(chosen)



About:

- Holds some type of candy and dispenses it when the trigger is turned

Pros:

- Combines two items that he likes (free food & minecraft melons)
- Imitates his in-game melon farm
- Integrates his logo into the design

Cons:

- Requires many parts to build, might be a reliability issue in the long run

— ideation



About:

- A windchime that resembles the "wither" mob in minecraft

Pros:

- Can be enjoyed by the whole family
- Plays off the concept of the "wither" mob in minecraft (shooting heads)

Cons:

- Only serves as a decorative piece
- Usage of string might cause problems in the long run

— ideation

Pizza Clock



About:

- a clock with needles only pointing to pizza icons

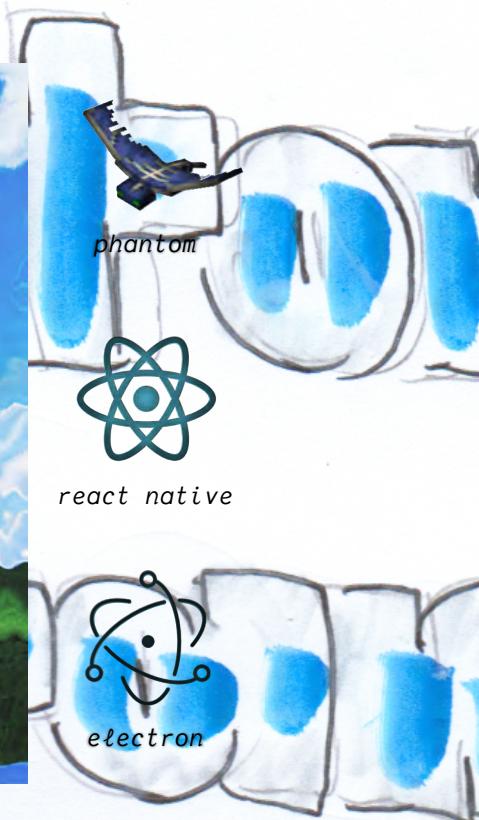
Pros:

- Is very practical (literally a clock)
- Plays off a reference from Spiderman 2 ("it's pizza time")

Cons:

- Requires a clock to be sacrificed
- Could be a played out concept in the future

phantom program



About:

- A program that flies a "phantom" mob from minecraft around the screen periodically after midnight

Pros:

- Is healthy, helps to make sure he gets enough sleep
- Mimics the behaviour of a "phantom" (chase players who haven't slept recently)

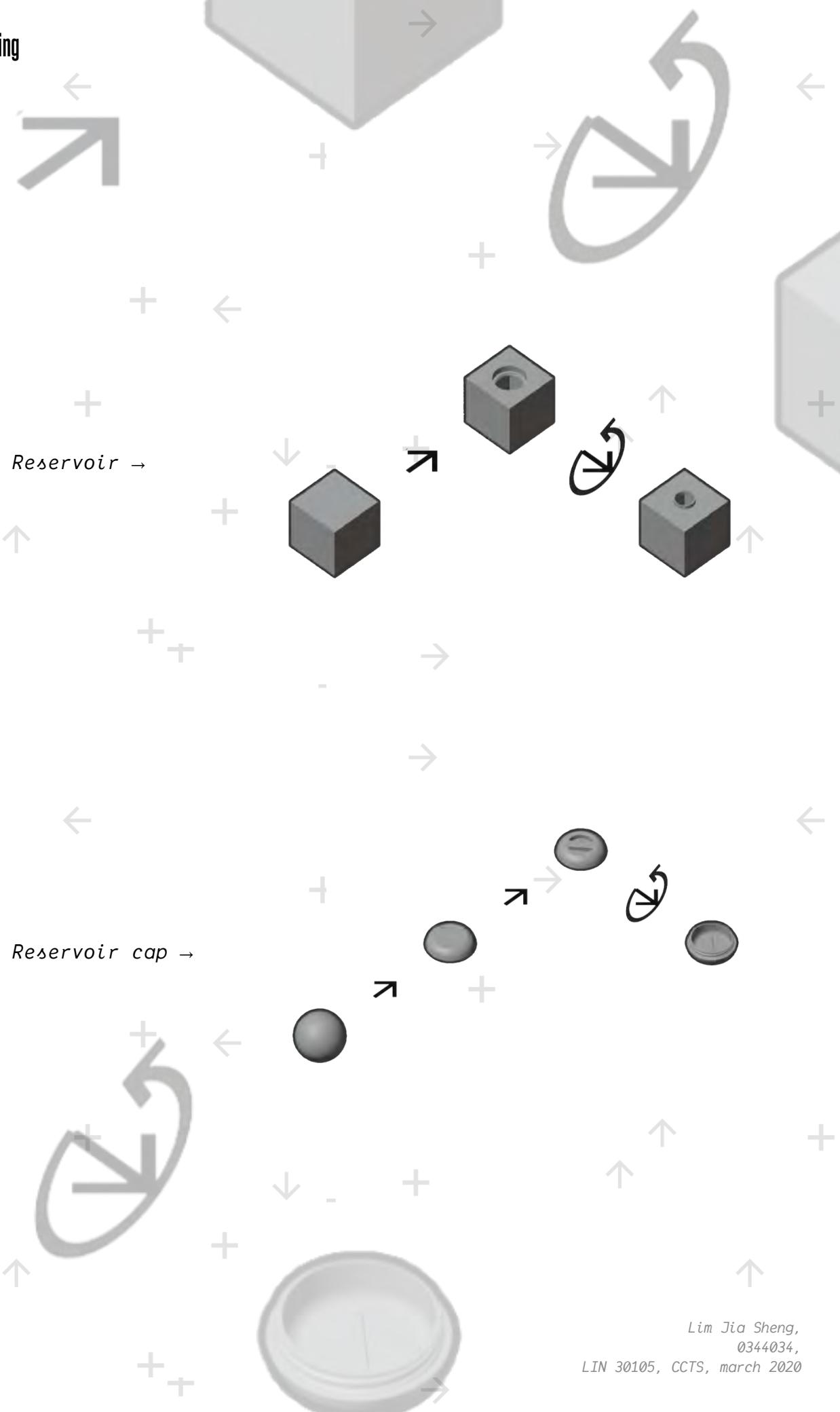
Cons:

- I have to learn whole new libraries to get it working (react native/electron)
- OR, I have to learn another language (idk, C#/.NET?)

— prototyping



— prototyping



— prototyping



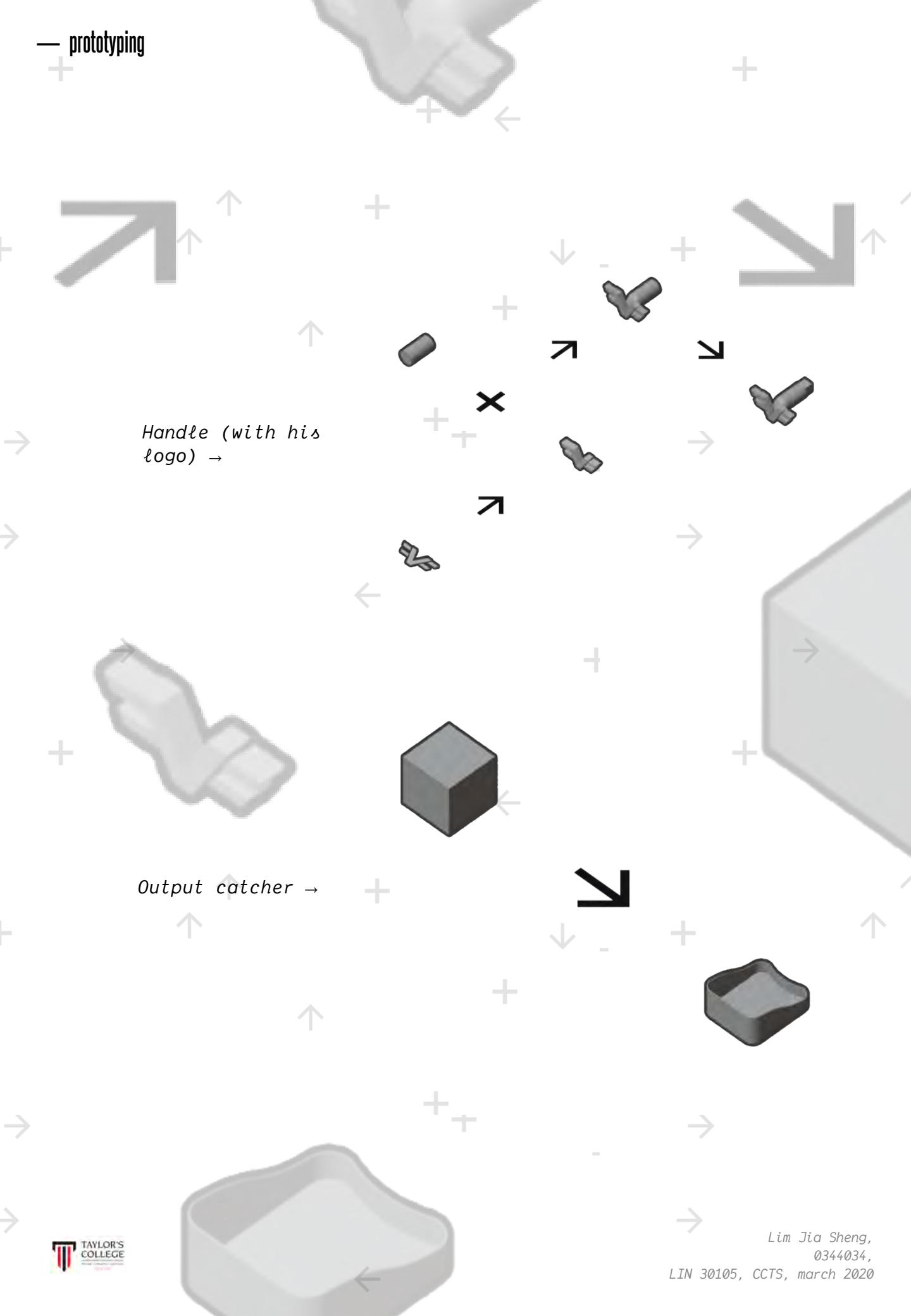
Internal spinning mechanism →



Internal spinning mechanism axle →

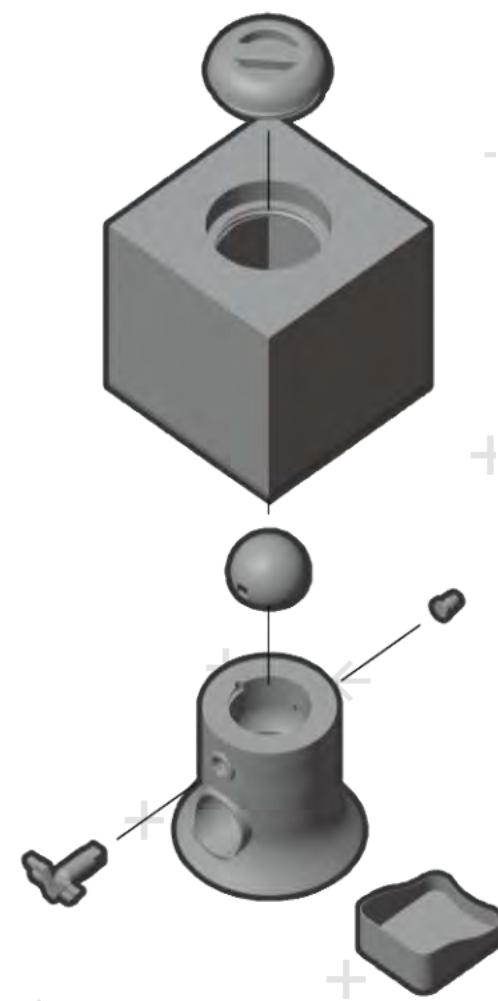


— prototyping



— prototyping

Assembly



— prototyping



changed

lack of stability



changed

precise colour paint unavailable



changed

green suits the melon more



— presentation



melon candy dispenser



melon
candy
dispenser
melon
candy
dispenser



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melon

— presentation



**manfred's
reaction**
**manfred's
reaction**



**manfred's
reaction**
**manfred's
reaction**



Lim Jia Sheng

Thank you

