



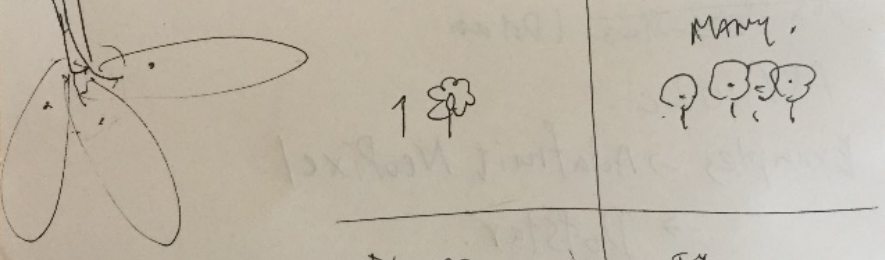
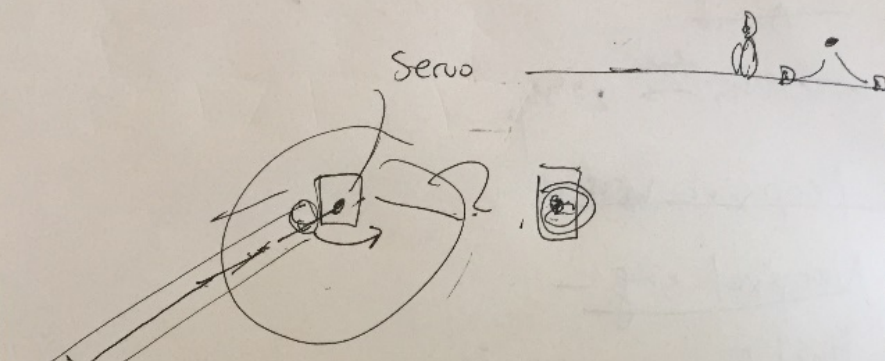
Living organism in reaction to human behaviour

Team members:

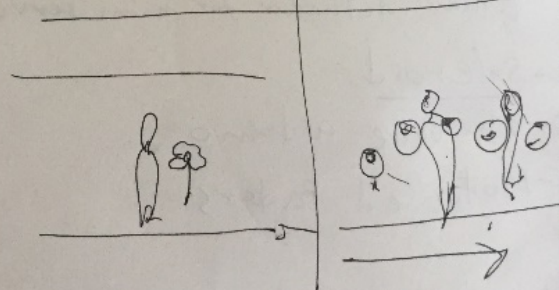
Danny

Boyuan

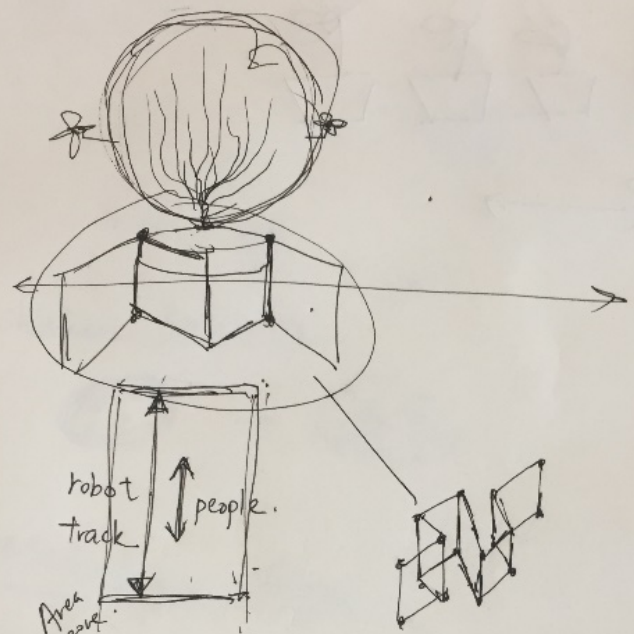




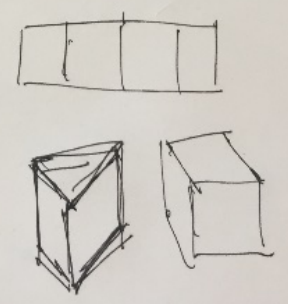
Flower of plants?	Flower of plants?
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MANY



- Conceptually
1. Loud noise → soft silence
 2. Quick movement → slow



Through ~~the~~ the robot in the zone, to change the mood & the movement of the person.

- (colour - sound - Graphics (e.g. Trees growing), Music



Concepts

- Through the flower blooming movement to interact with human behaviour
- So that people walking fast in corridor can slow down to appreciate the flower blooming process
- The prototype can be installed at the ceiling

Respond to spatial quality of the corridor

- When it open , it start to change the volume of the space
- When there is no body:
 - The ceiling moves as its own living organism
- When somebody is there:
 - The ceiling movement taken control by human behaviour

Respond to the acoustic quality of the corridor

- When it open there is sound absorbing material to absorb noise
- When there is too much noise the LED light change colour

Mechanism

- **Servo motors** to drive the movement of the petals of the flower
- **Ultrasonic sensor** to detect the human distance from the flowers
- **Loudness sensor** to detect the noise