ARTISTIC VISION

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Line On

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In pursuit of a personal project, I wish to work on the realization of an ephemeral interactive video feedback resulting from personal and external learning. The theme would be to revisit the definition of fragility - the quality of being delicate and/or vulnerable.

As we might imagine, fragility can be perceived as having a negative connotation. The concept here is to explore the subject with sensitivity. What does fragility mean in this context? How can we express fragility? Is it inherently bad or good? One can view it as a powerful aesthetic, while another might perceive it as weakness. Another may glorify it, considering it a quality to embrace within each individual. Could this contrast societal expectations for humans to be "strong"? As it might be in opposition to resilience, can fragility coexist with its opposite? Nevertheless, can we find beauty in this fragility? These questions leave it up to the viewers to interpret the significance and meaning of fragility.

The main idea here is to represent fragility in a way that prompts questioning. What if we show fragility as a means of self-protection? The perception of it with that knowledge can be miscommunicated and misinterpreted as fragility but rather as a defense mechanism against the environment.

Therefore, I would like to present fragility as an open-ended question through the visual representation of the **Mimosa Pudica plant**. This plant features sensitive compound leaves that fold inward and droop when touched or shaken, only to re-open a few minutes later.

The plant retracts when touched, which may be misinterpreted as fragility. This plant, also known as the sensitive plant, has this reflex, which could have evolved as a defense mechanism to deter predators or to provide shade to reduce water loss due to evaporation. The aesthetic of this plant may initially seem very fragile due to its small green leaves.

This organism on Earth has the ability to respond to potential harmful stimuli to some extent. Research conducted by Monica Gagliano has shown that the plant habituates to disturbances, indicating that the plants learn that these disturbances do not harm them and subsequently cease to react. There is something beautiful in this research, and the visual representation of this plant motivates me to showcase it.

Ideally and literally, there will be video footage of the Mimosa Pudica. The viewer will have control over it through their hand gestures, as if they were interacting with and touching the Mimosa Pudica. I would like to work with the webcam camera to show the viewer (if they permit) as the mirror and participant in the interaction with the plant.

Stay tuned!!! :)

2 - PLAN &nd TECHNICAL CHALLENGES

Video shooting of the Mimosa Plant (I found a few store around Montreal where they sell this plant, yahoo!!)

Camera facial and/or handpose tracking (challenge, but I found a few references in the library on webcam video & handpose using ml5js)

Background music

Animation of the Mimosa Plant video footage

Simulate the retracting of the plant via control from the user

Soft & soothing aesthetic with mute tone, representing fragility

Integrating all elements together

TYPE OF PROJECT:
Video animation in P5js with webcam

MEDIUM:
Videoraphy & p5js.

If camera moves
then video frames starts

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┌─────────────────┐
│  video of plant │
│     above       │
└─────────────────┘
         ▲
         │ interaction
         │
```

┌─────────────────────┐
│ Little ambiant   │
│ noise - tududutu   │
└─────────────────────┘

┌─────────────────────┐
│   webcam camera   │
│ hihi this is me below! │
└─────────────────────┘

Ml5js library for hand tracking?
Hand tracking movement?
Or facial movement?
If hand move
Then video starts

3 - SKETCH

trendenser Potted Plats
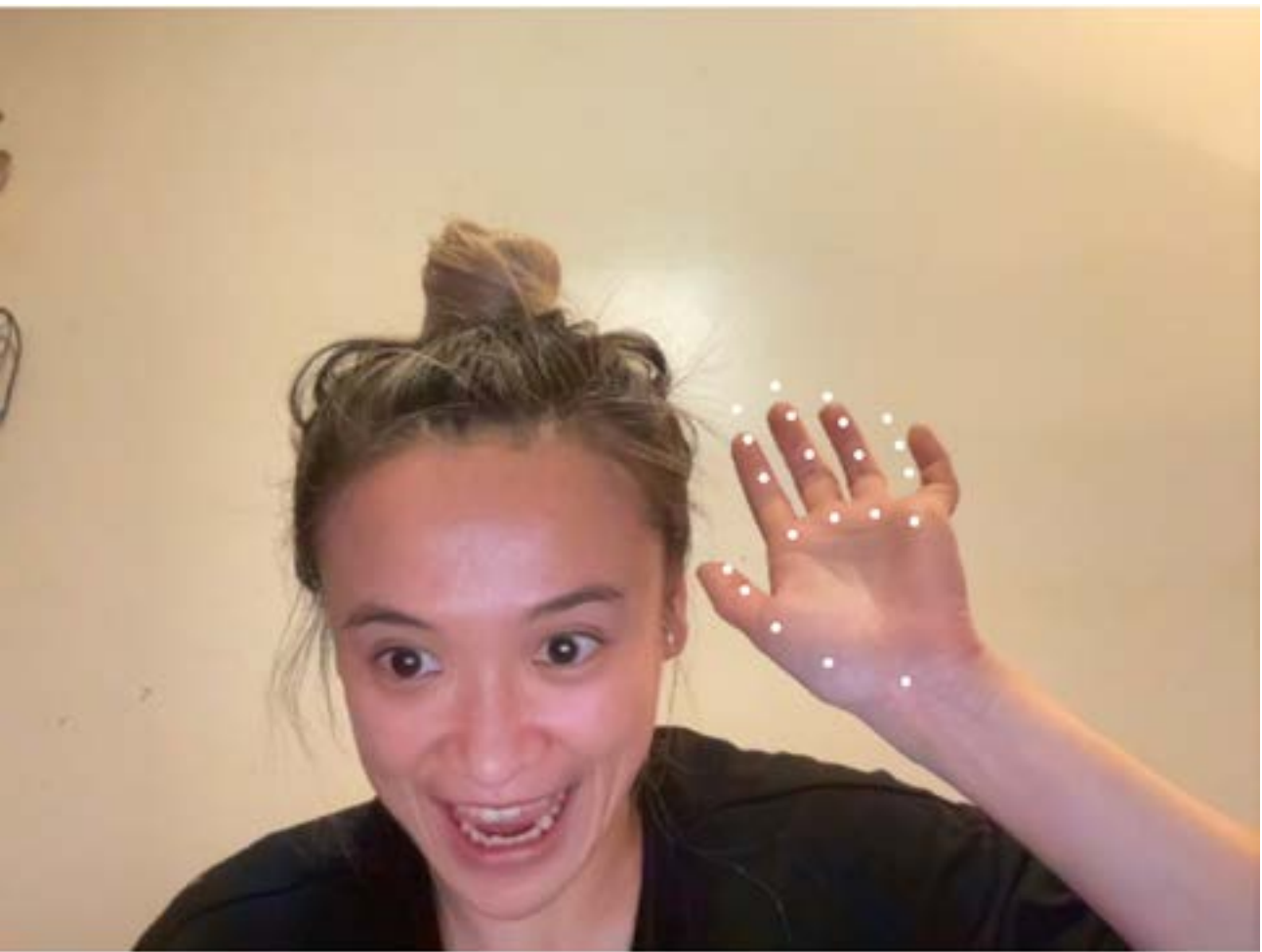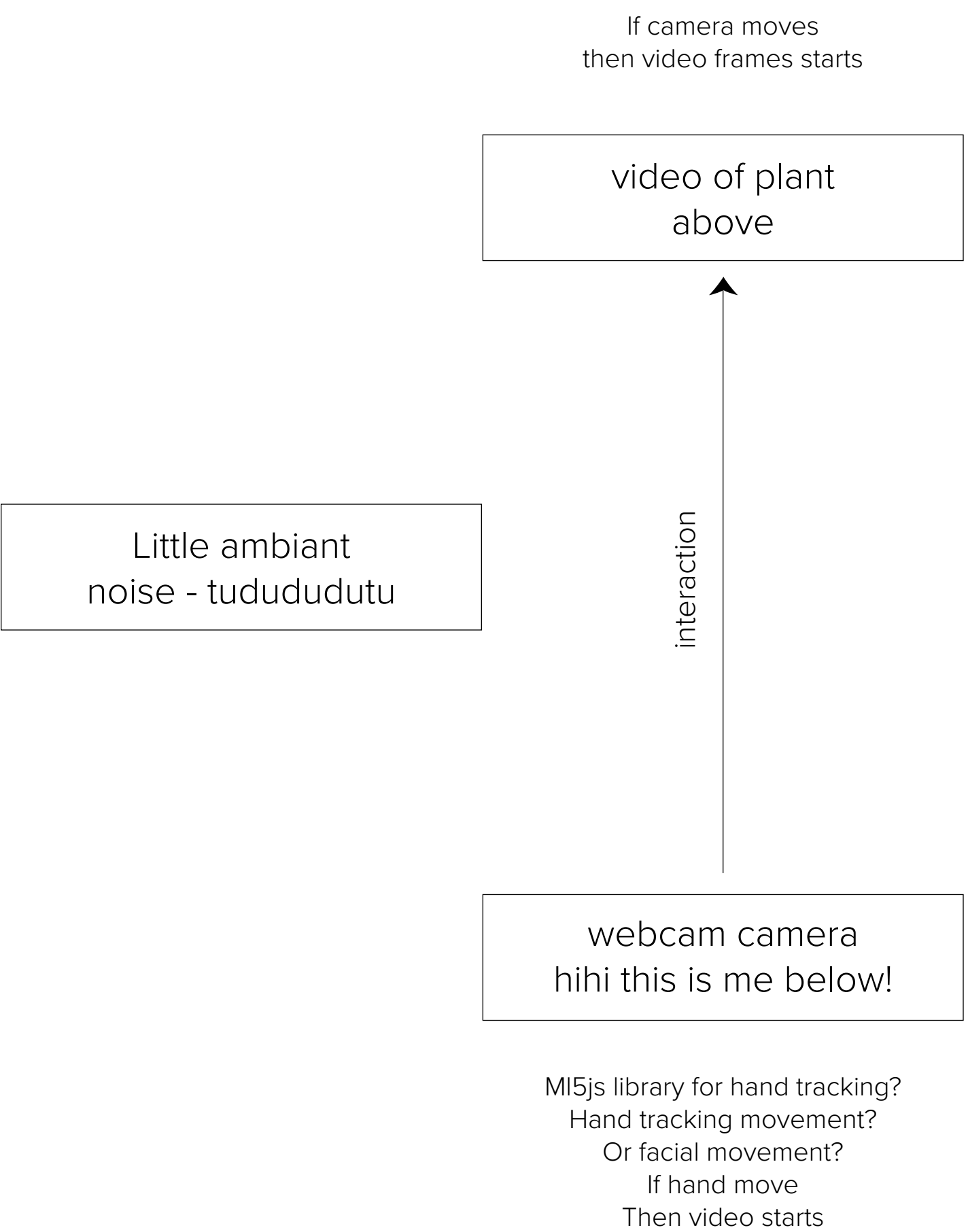
Sophora

Sophora is a cosmopolitan genus of 45-60 mainly shrubs or trees in the pea family with many ornamental species. Not only is it nice to look at, but if you plan to start a medical clinic, it is prized in China to treat cancer, viral hepatitis, eczema, psoriasis and a number of other maladies that I can't spell.

Thank you!