

TEAM1

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HARUKA



CHOI



KIM



RAMEN



Zhang

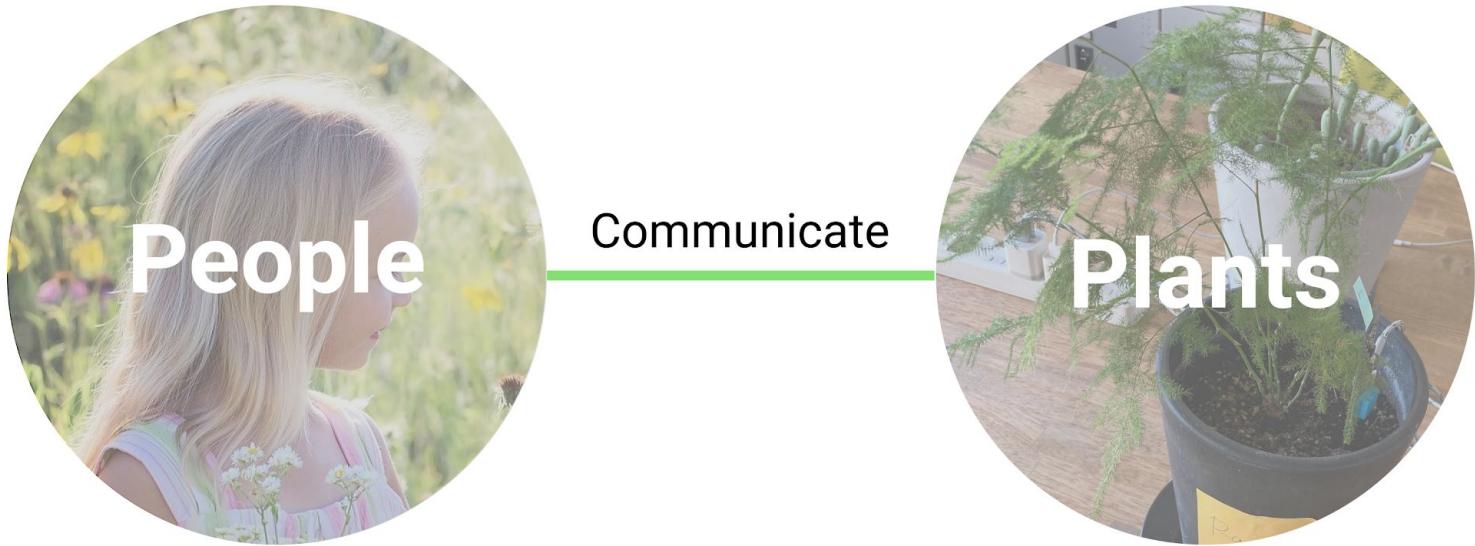


HAN



DING

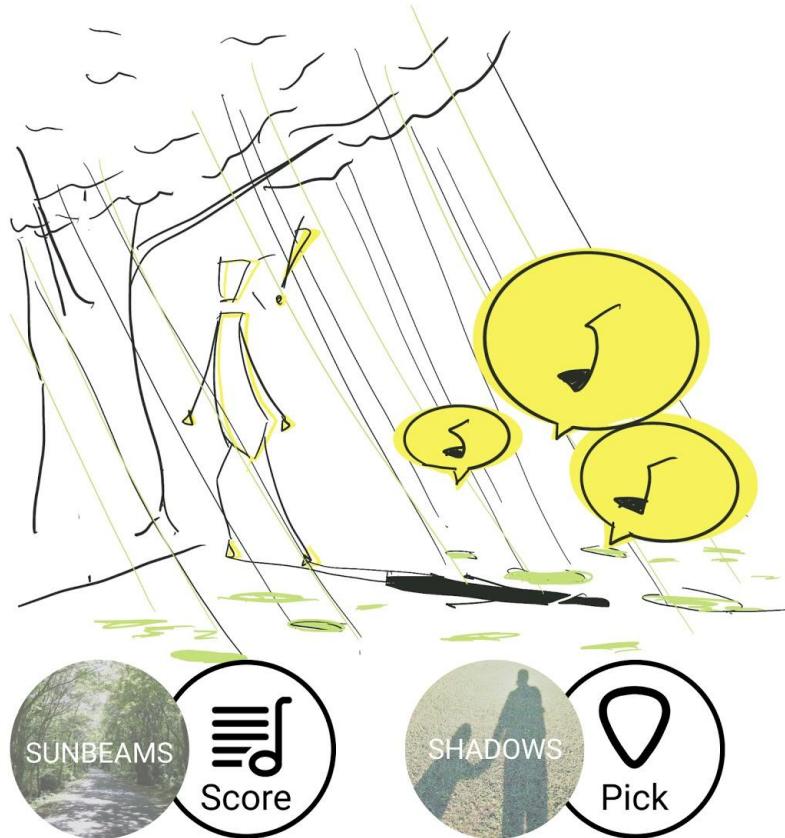
Making new interaction between people and plants by using data



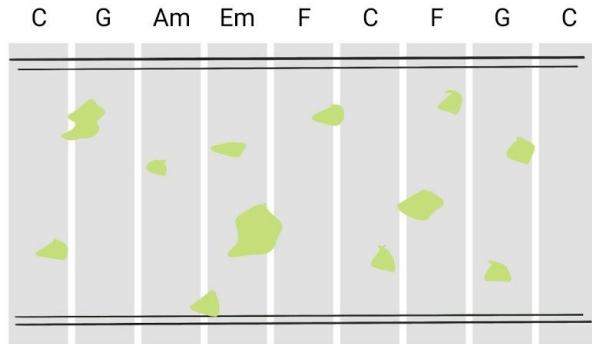
5 Ideas

01 Sunbeam x Playing the guitar

Make music with constantly changing natural musical score!!

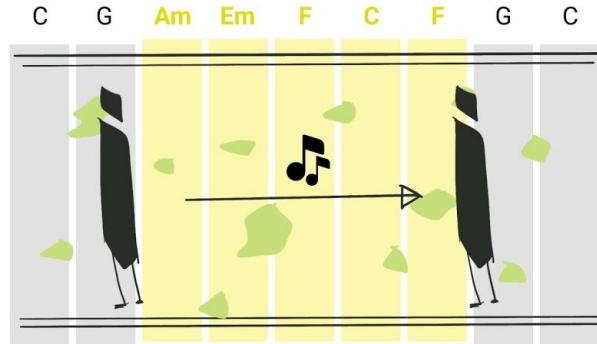


Road



Musical score generated
by sunbeam shapes

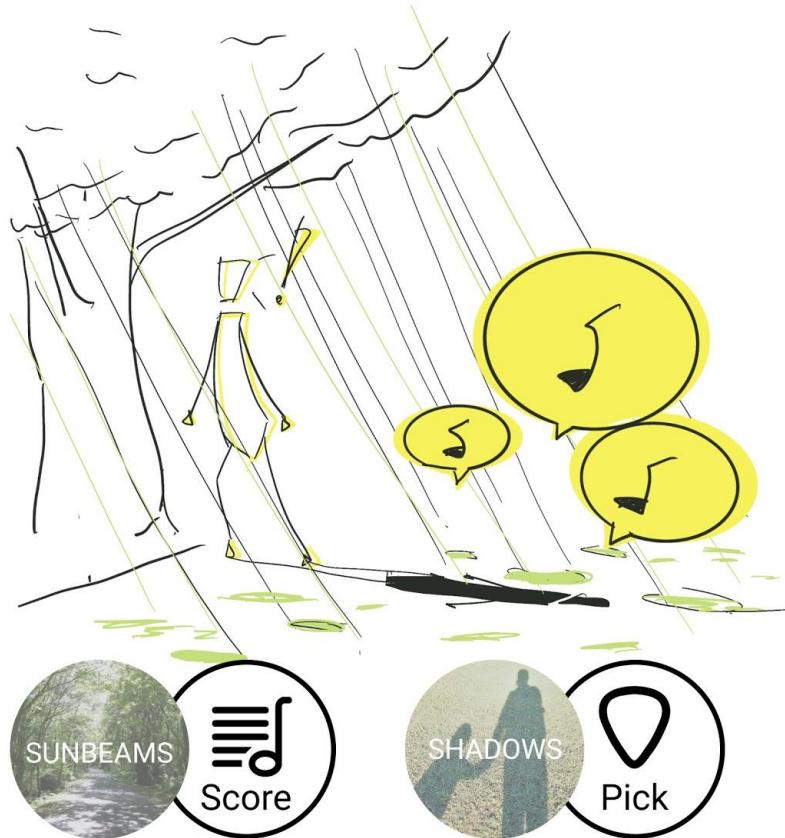
Road



If your shadow pass through the road,
you can play the music!!

01 Sunbeam x Playing the guitar

Make music with constantly changing natural musical score!!



Target



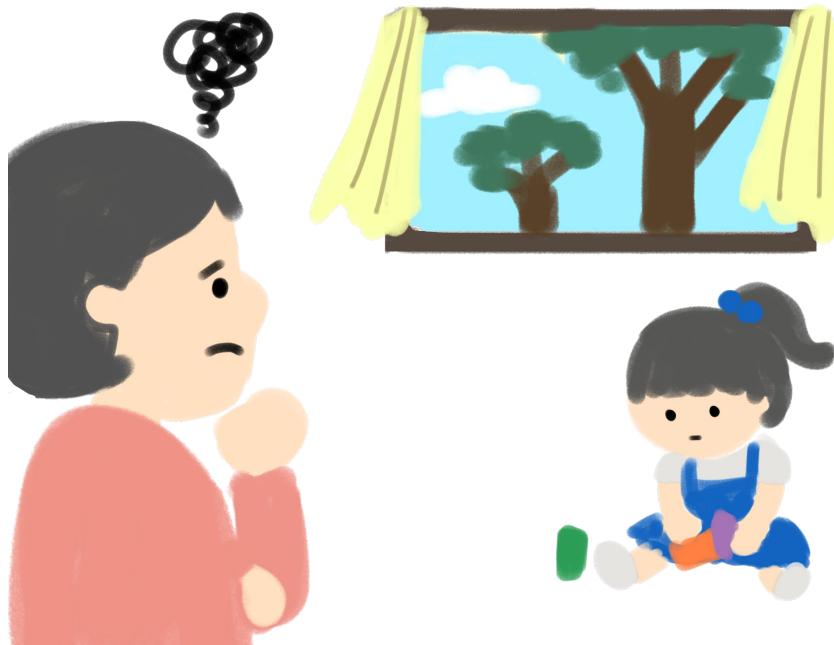
People who take a walk because of the pandemic

Problem to solve

Walking became routine work.

02 Smart Pot

Background



Coronavirus has made it difficult to go out. Therefore, many parents are looking for educational activities that they can do at home instead of going out with their children.

02 Smart Pot

Product & App Image

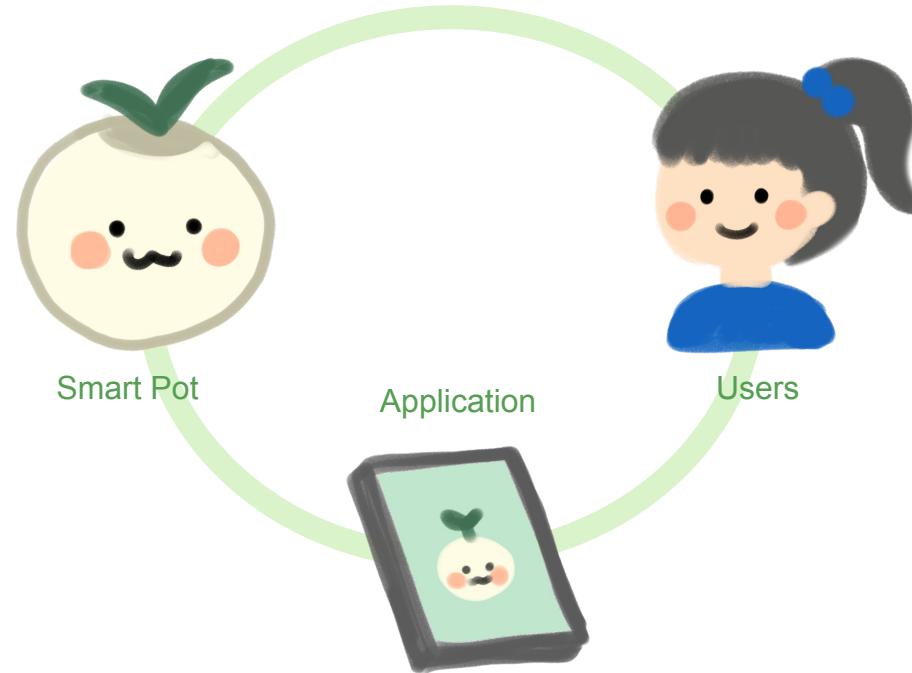


This Smart Pot is an educational flower pot
for parents and children who stay indoors.

02 Smart Pot

Human - plants interaction through deep learning emoji

Plants can receive immediate help from users through deep learning emojis.



Acquire plant information from deep learning emojis and take care of plants.

Users can learn how to grow plants from these activities.

Users can communicate with plants through the deep learning emojis

02 Smart Pot

Product



Smart Pot has a screen. The screen has a character's face, which changes in real time depending on the state of the plant.

Children can see what plants need from the faces of the characters that change in real time.

02 Smart Pot

Application



Smart Pot can be linked to apps through Bluetooth. Children can interact with characters through a linked app.

Children can name their Smart Pot, see data in real time, and see reactions by touching characters.

Depression



Plant Therapy

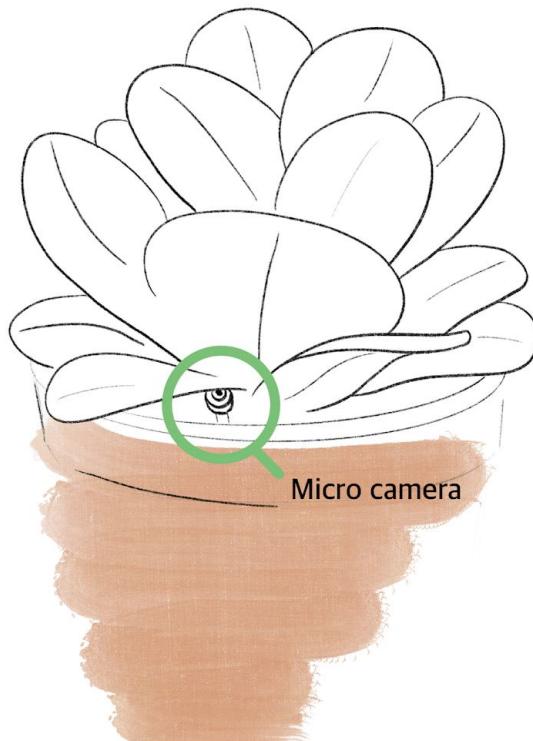
- * reduce stress levels
- * boost ones mood
- * freshens up the air
- * eliminates harmful toxins

03 Mental Health Care App

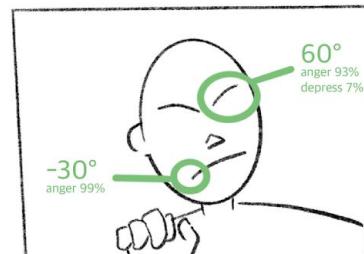
Target	# People who are struggling from depression and loneliness # People who are finding for a new friends but not an animal
Purpose	# Eliminate bad moods and thoughts by interacting with plants # Connect not only plants and people but also people with people in a non-face-to-face

03 Mental Health Care App

1. Analyzing people's emotions by facial expression and voice.



The micro camera can be **the eyes and ears of plants**



1



2

<The view of your plants>

03 Mental Health Care App

2. Lead plants to the best condition

- # Analyze the figures to find the best condition.
- # Convert data to an image → Real time check with App.

3. Online Community for ‘Gardener’



03 Mental Health Care App

Plants got ‘Guaranteed Care’
People got ‘Mental Care’



“ ”
Health check both plants and people

04 Plants Co-Maintenance Platform



Park / Garden



Home



Plant Shop

SCENARIO of plants that need to be taken care of in city

04 Plants Co-Maintenance Platform



PROBLEMS

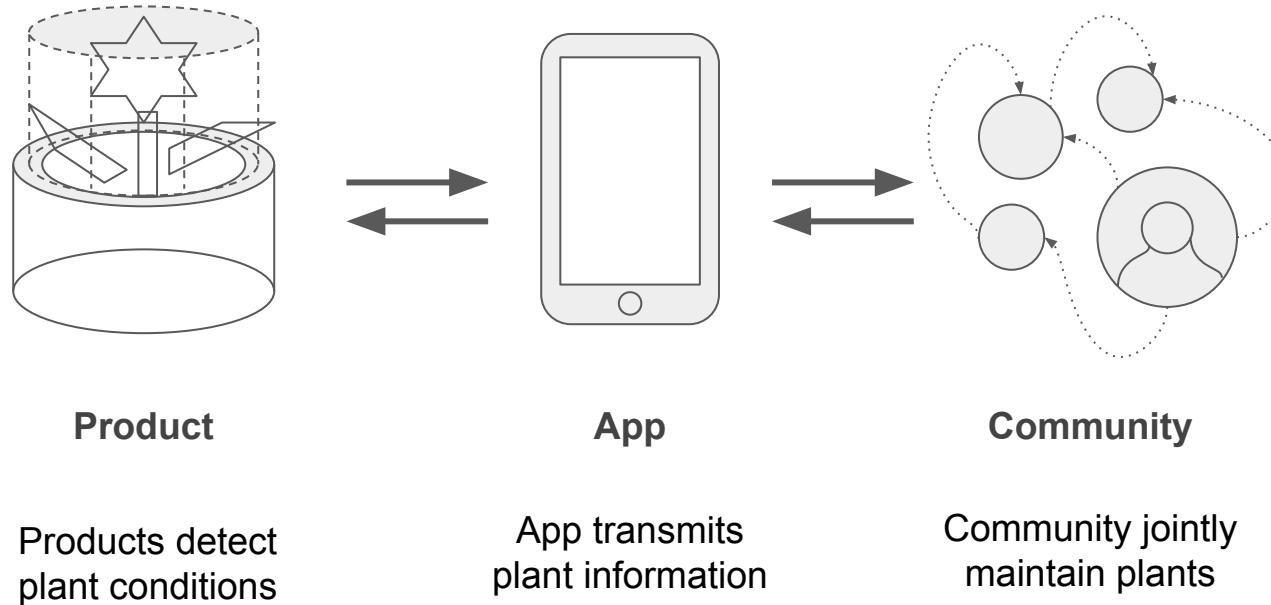
When people leave for a long time, these plants are hard to live on.



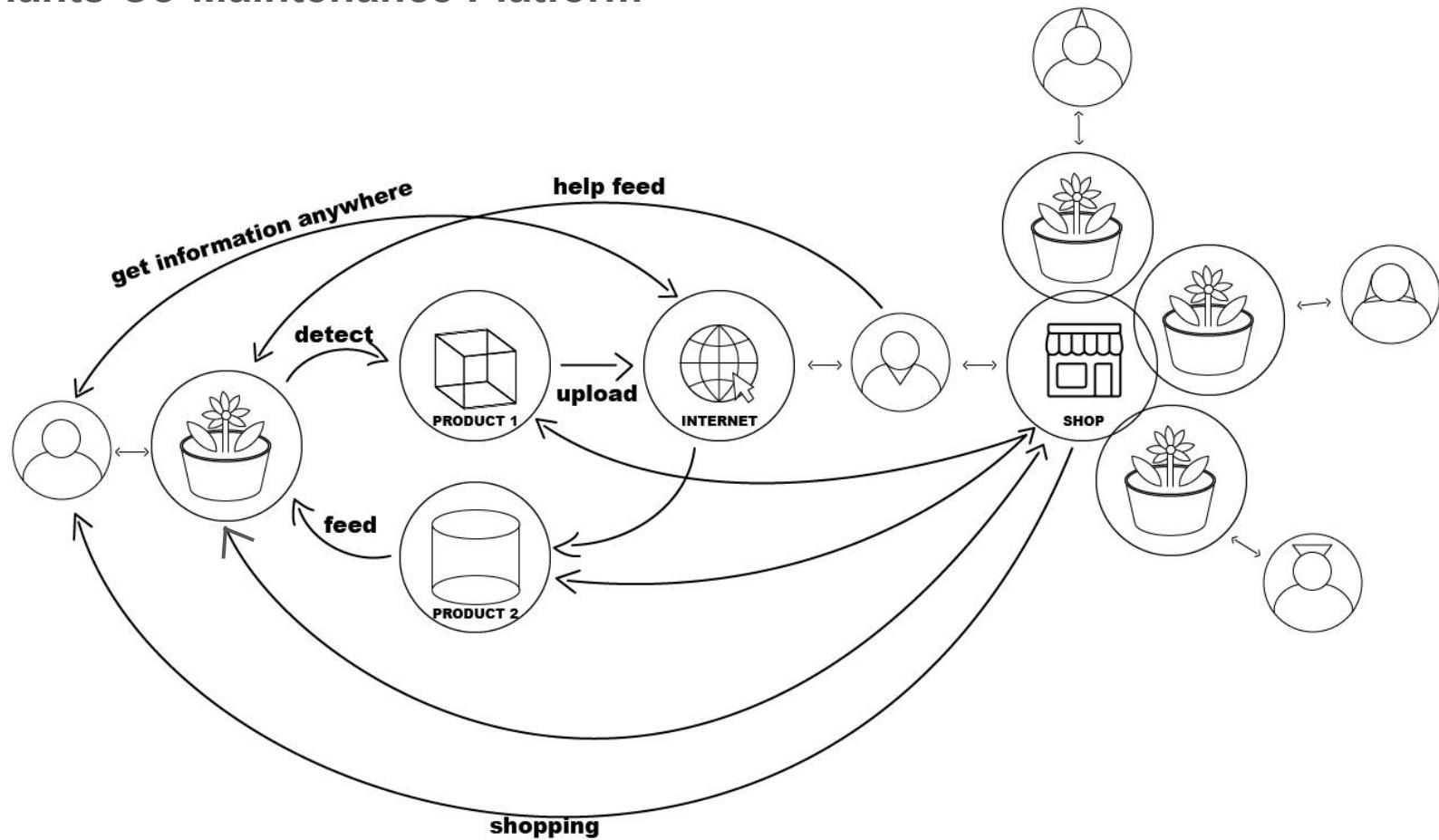
In big cities, plenty of pets during covid19 were in danger, so local residents help feed cats and dogs and make videos for the owner to be at ease.

Design a platform for people to take care of their plants in case of danger when they leave.

04 Plants Co-Maintenance Platform



04 Plants Co-Maintenance Platform



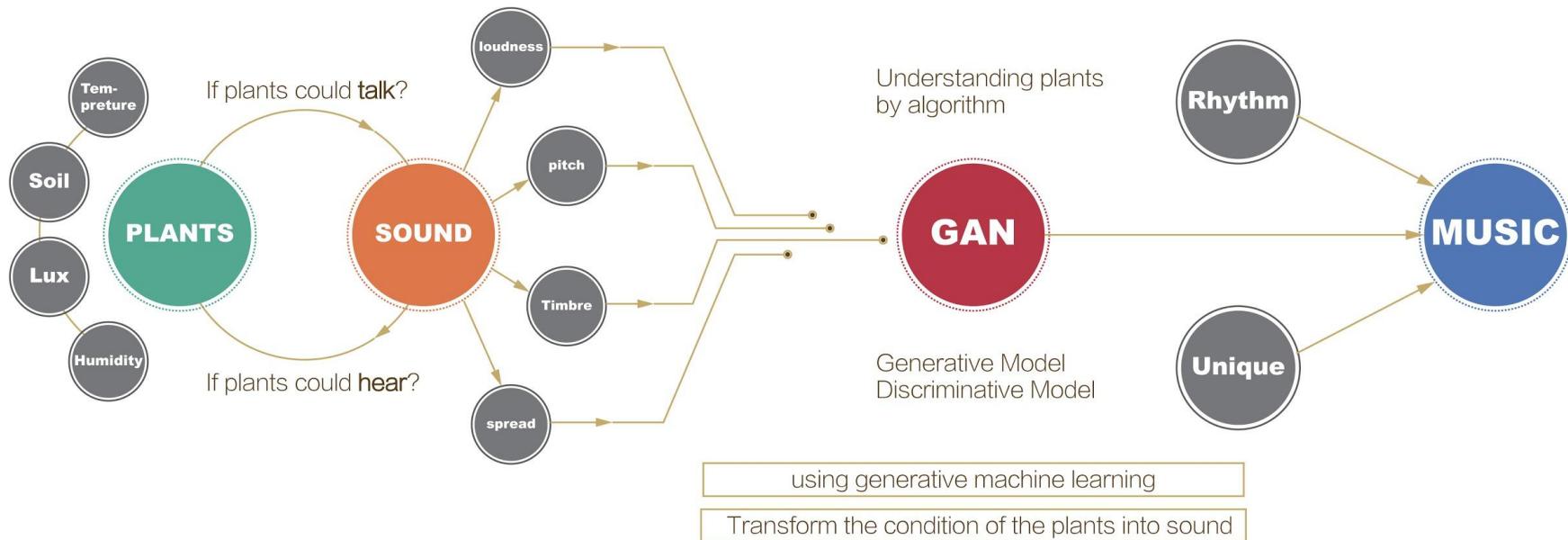
PLANTS & MUSIC

“Listening” and “Talking” with Your Plants.



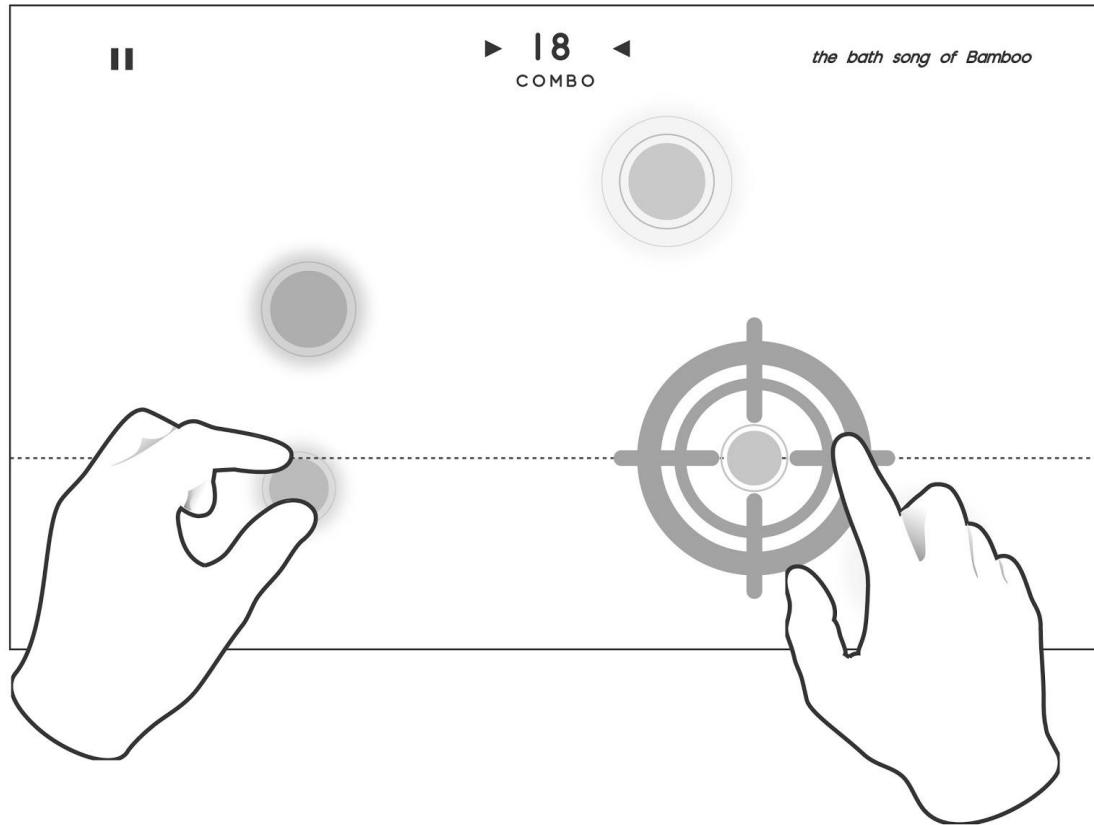
05 Plants Co-Maintenance Platform

Logical Deduction



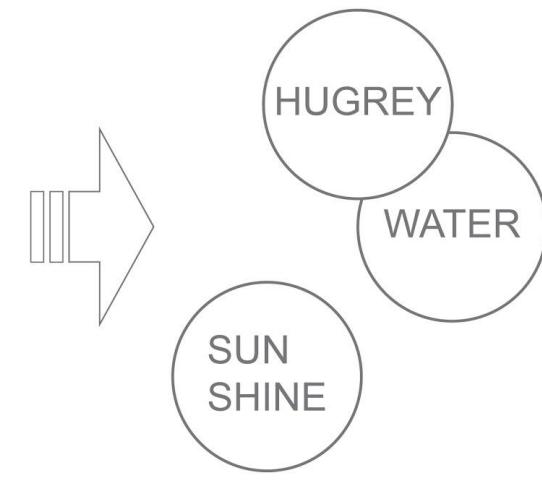
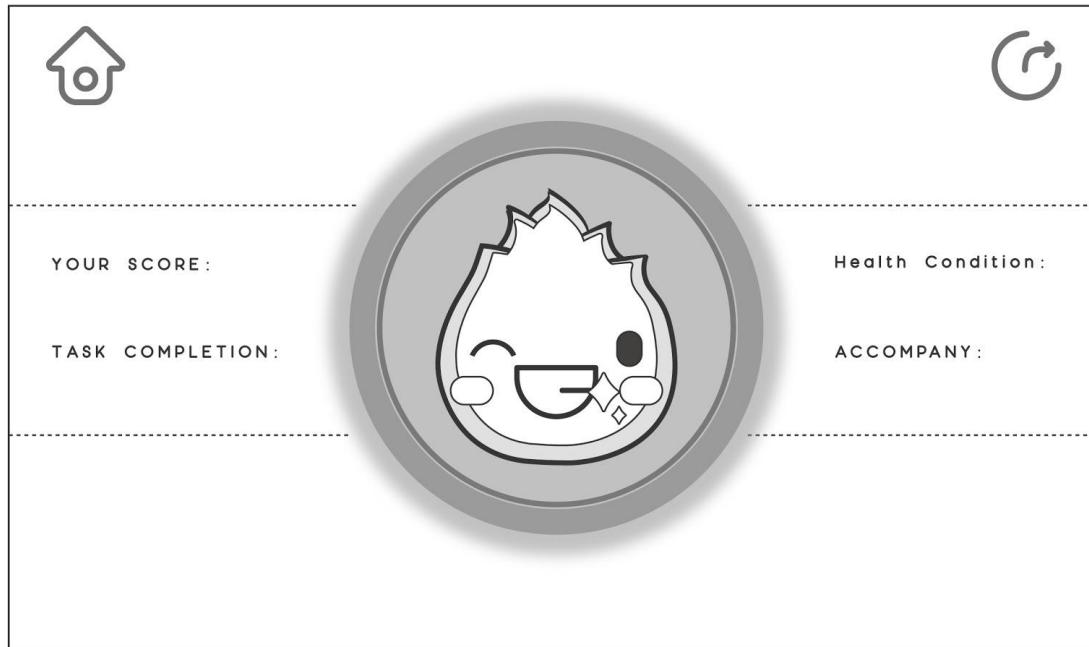
05 Plants Co-Maintenance Platform

the Gaming Interface



05 Plants Co-Maintenance Platform

the Ending Interface



05 Plants Co-Maintenance Platform

Join the Choir



similar



- ▶ Various Characters
- ▶ Pose for a group photo
- ▶ Let us help them make friends!

piano
instrument 1 3 5 7 \longrightarrow temperature

guitar
instrument 2 4 6 8 \longrightarrow lux