



Chatty Leaf

Communicative Plant Pot

Chatty Leaf is a communicative plant pot designed to promote interaction between a user and their plants. Its built-in sensors let you know the best timing for watering them. Don't let them stay hungry or overwatered. That's all? Nope! Then, it is not "communicative." Your new green friends will tell their feelings or sometimes just make a joke depending on their mood.



Concept Proposal

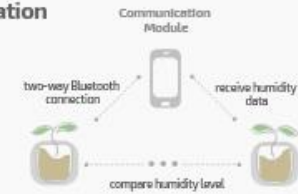
Loneliness is a growing concern largely due to lack of communication. The situation is getting worse, since Covid-19 reduced social interaction between people.

A slight change can make our life greener and happier. Meet **Chatty Leaf**. It will turn your cute, but silent plant into a babbling companion.

When a group of Chatty Leaf pots are gathered, they say something in a group that called the «**Plant Chat**». Usually, the green buddies just make a small talk. But beware! They may talk behind you back, if you play favorites!

Depending on its mood, your little green friend sends you a cute message or sometimes grumbles to complain how its life is busy. You don't know when you need to feed them? Don't worry! Chatty Leaf will let you know the perfect timing along with statistics.

Communication



Interaction of person and plants



Interaction of plants and plants

How To Use



01 Charge the pot through USB.



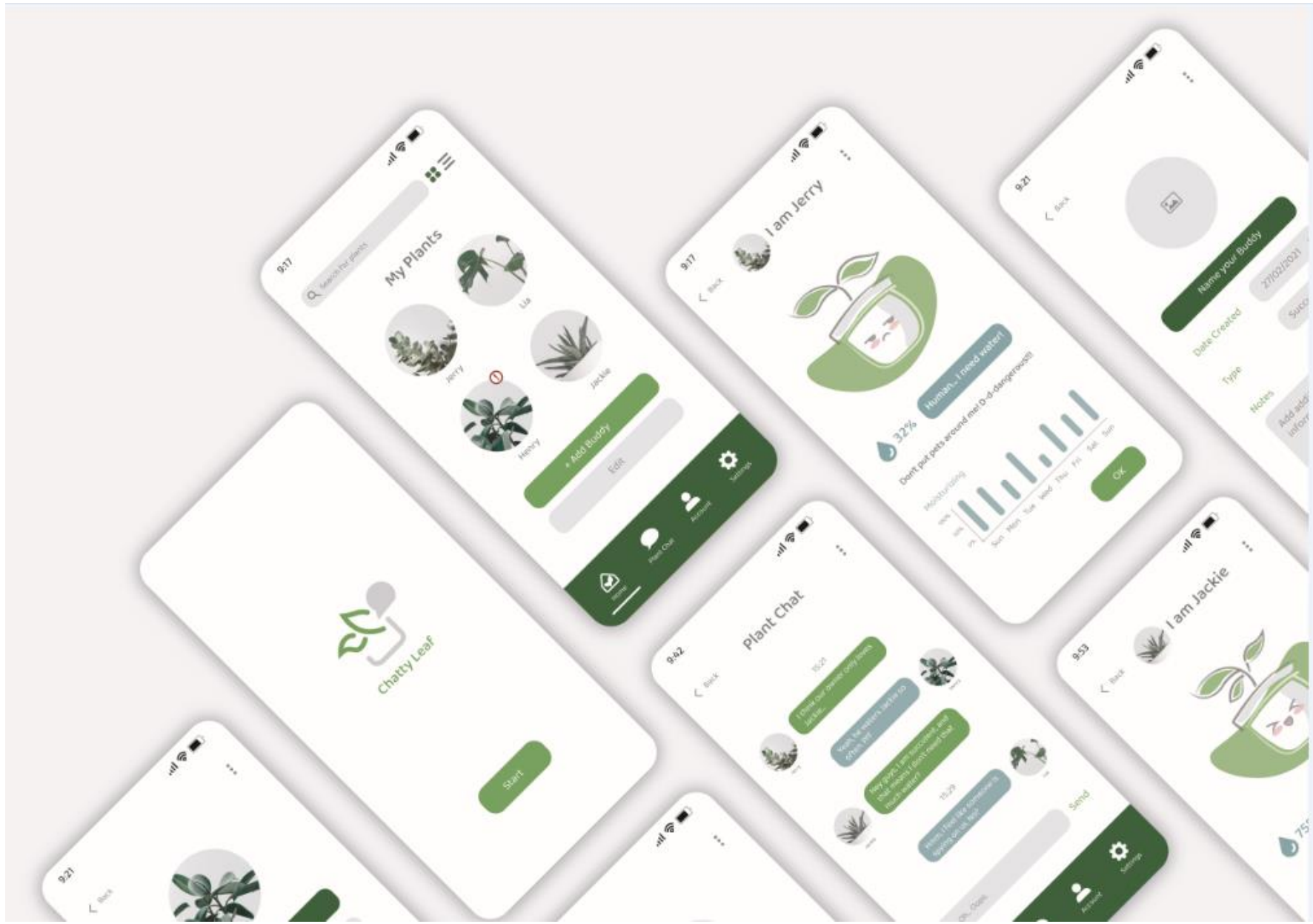
02 Install Chatty Leaf application.



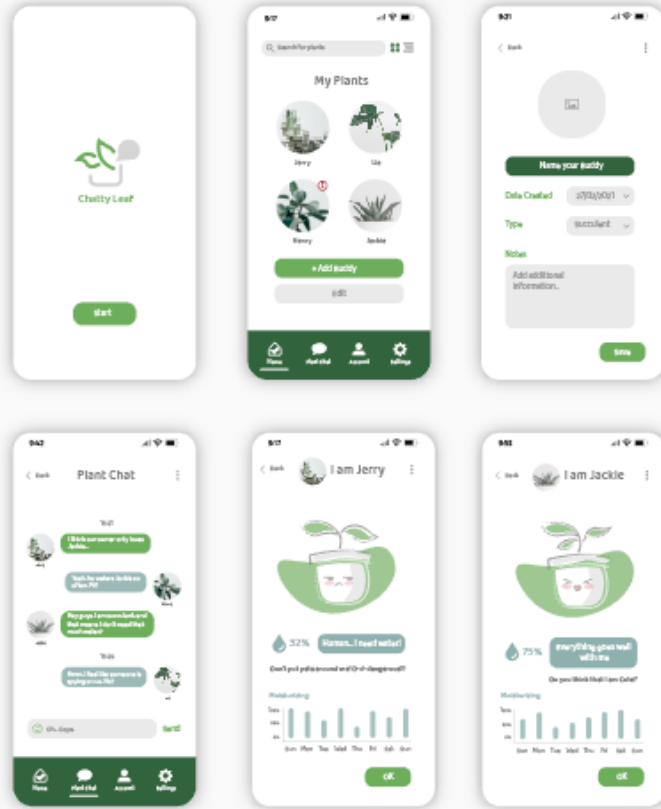
03 Put soil into the pot.



04 Plant a new buddy.



APPLICATION DESIGN



STRUCTURE DETAILS



USB Hole

A USB port charges an embedded battery to provide necessary electricity to Chatty Leaf.

A blue LED indicator is designed to show whether water is enough.



LED Icon

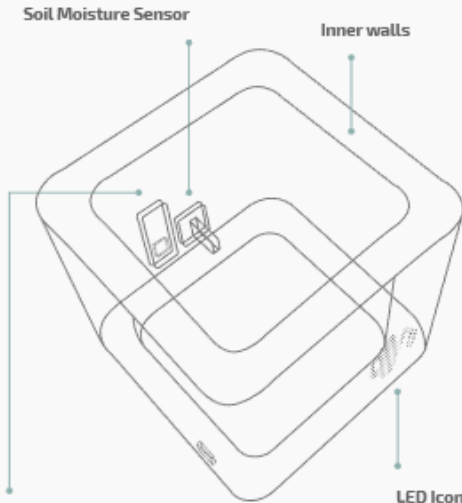


Drainage holes

Drainage holes allow water in your pot to drain effectively

Embedded moisture sensors capture the perfect moment for watering your plant

Chatty Leaf has an inner space between the walls for embedded equipment



Communication Module

Connected by a wireless module, Chatty Leaf sends its data to user's gadgets.

A Bluetooth module serves as a communication channel to send sensing data to user's gadgets.



발명의 명칭

- Chatty Leaf

발명의 특징

- 습도 측정 센서를 화분에 달아서 그걸로 물주는 타이밍 측정 이걸 사실 넣림
- 키 포인트는 여기에 통신 모듈(예:블루투스)을 달아서, 애가 다마고치처럼 사람하고 앱을 통해서 교신할 수 있는 거
- 집에 있는 산세베리아가 계속 메시지를 앱을 통해서 귀엽게 보내요
 - 물 관련 메시지: 배고파요, 물을 너무 많이 마셨어요
 - 귀여운 메시지: (습도/랜덤으로) 오늘 좋은 하루 보내셨나요? 아이 오늘 진짜 바쁘네
- 화분끼리 모이면, 앱으로 (습도/랜덤으로) 서로 대화
 - 예: 왜 나만 밥 안 줘? 주인은 너만 편애해
- 여기까지는 대애애애충 구현하긴 했으나 많이 허접스러움

기타 질문을 위한 페이지

디자인

(1)



가능 여부 ?

(2)



(3)



가능 100%
방법 X