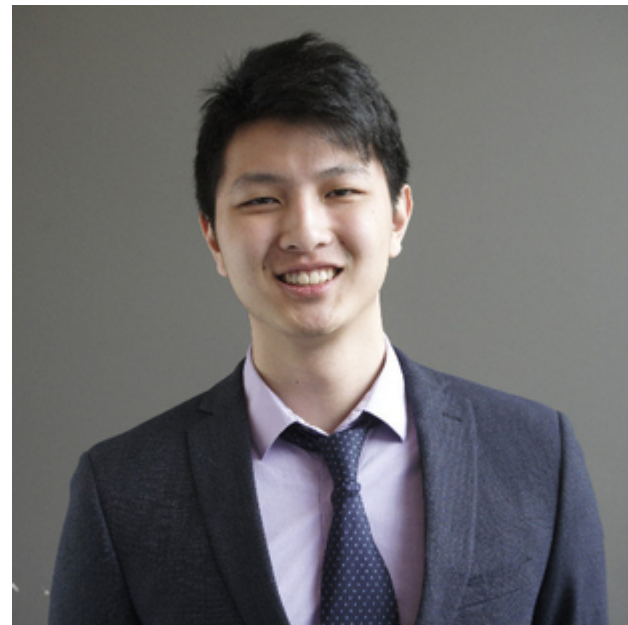# CARECAM™

DubHacks 2019

Princeton See | Donavan See | Brad Luong | Ohmar Myint

OUR TEAM

Princeton See

Computer Science

Donavan See

Computer Science

Brad Luong

Industrial Engineering
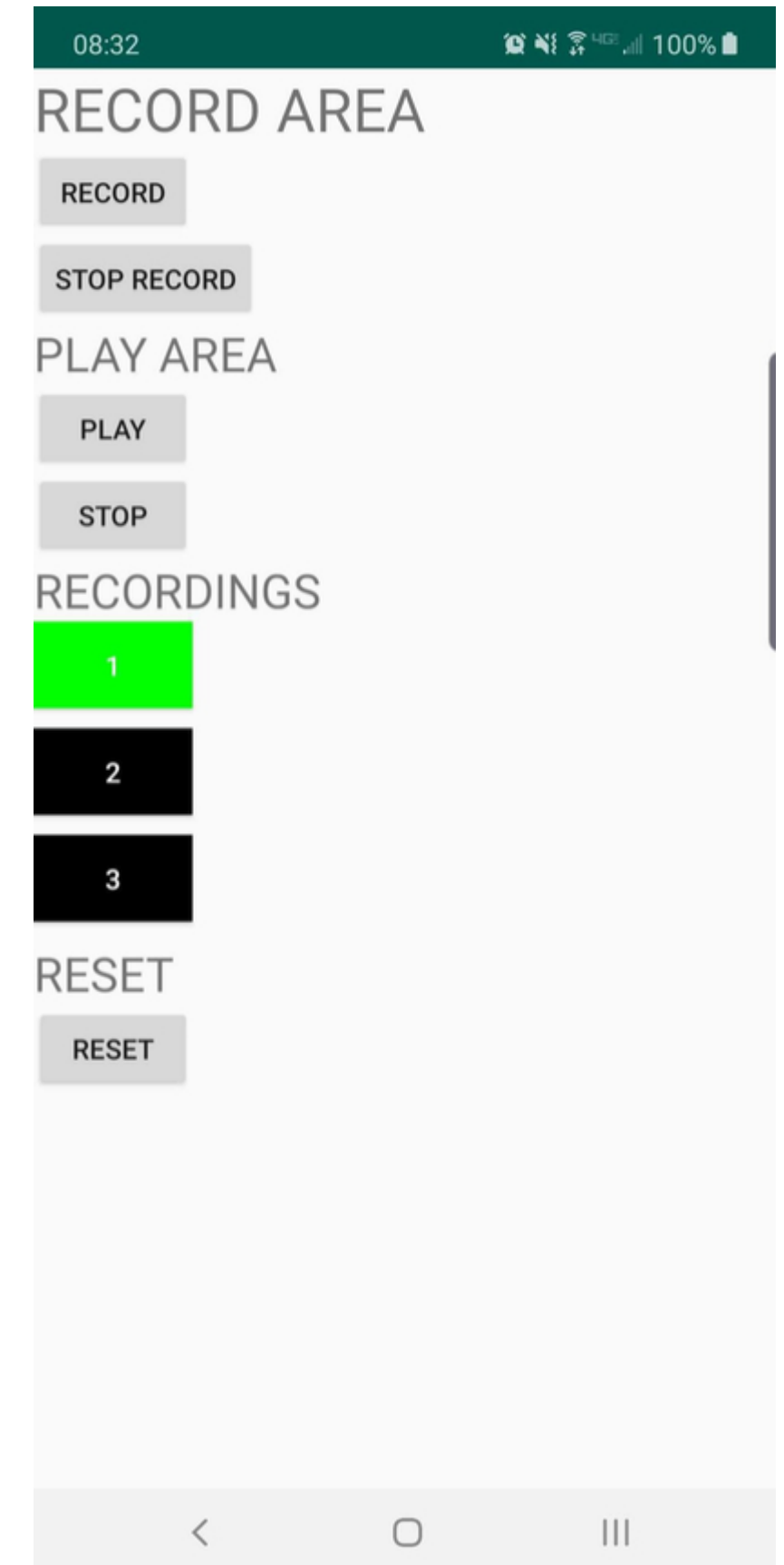

Ohmar Myint

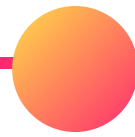Business Administration

PRODUCT

Monitors

- Camera detects facial expressions
- Alerts parent if soothing methods don't work

Soothes

- Prerecorded voice from parents
- White noise and heartbeat sounds
- Lullabies
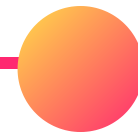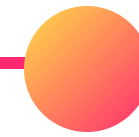- Auto on/off based on reaction

HOW IT WORKS

Facial Detection
Camera is set up to recognize child's emotions

Sends Info to App
Emotions are interpreted and data is sent to app

Sound Release/ Shut Off
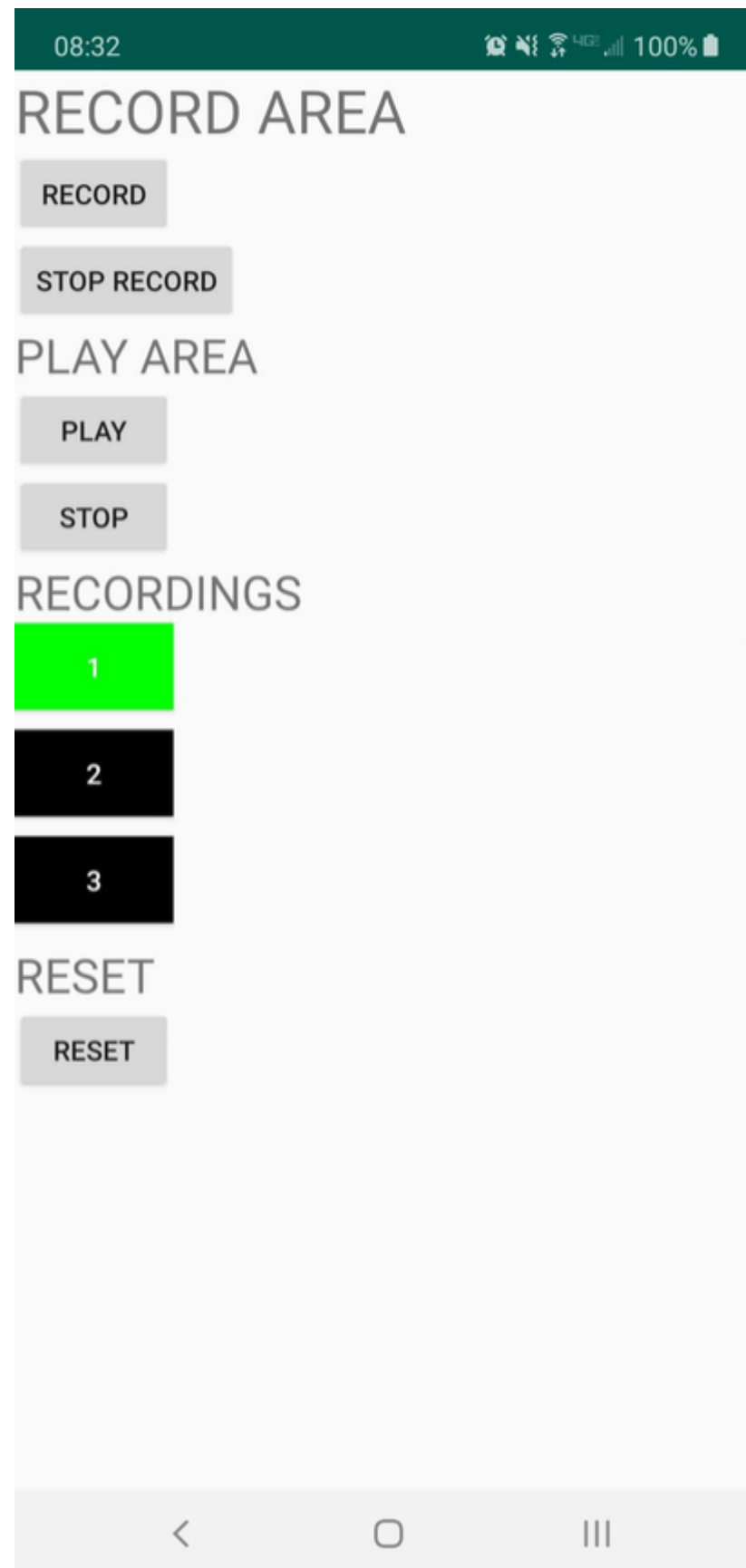Speaker auto-releases a soothing sound and shuts off when baby stops displaying negative emotions

USERS

Parents

- Work from home
- Night-time crying

Babysitters/Nannies

- Help soothe child
- Provide parents' (familiar) voices

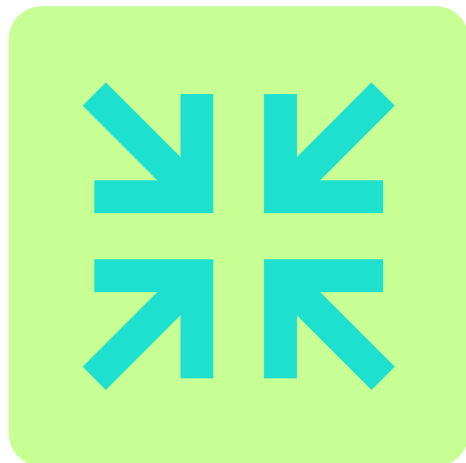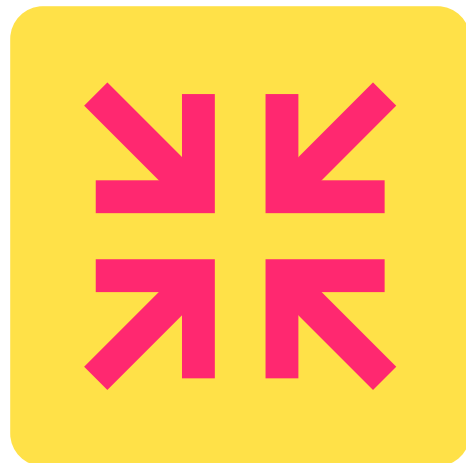# DEMO

FUTURE WORK

Moving Crib

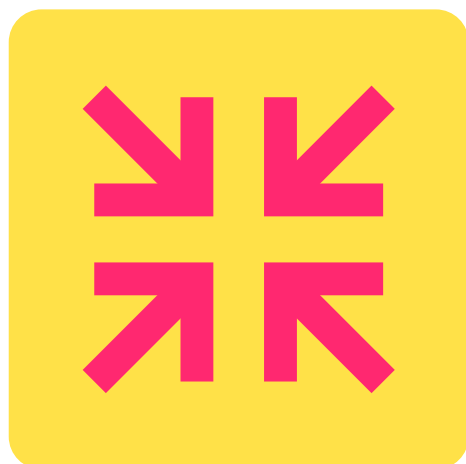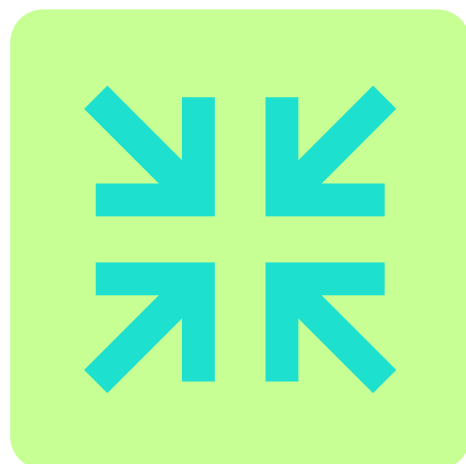- Incorporates swaddle and swing options from "Happiest Baby on the Block"'s 5 S's

Blanket

- Provides warmth and vibrations for soothing effect similar to being in the womb

THANK YOU!

Our Team | Product | How It Works | Users | Demo | Future Work