Insight Security

CSCI 499
February 24, 2020

Eric Benjamin
Merna Eldesouki
Richard Basdeo

Why are home security systems even useful?

- Protecting valuables
- Checking up on kids and pets
- Crime deterrence
- Video evidence of illegal entry
- Notifying you of fire and gas problems

Why isn't owning a home security system the norm?

Why isn't owning a home security system the norm?

- Security Systems are expensive and can range from three hundred dollars to thousands of dollars

- They are often complicated to set up -- some people may even need professional help

Enter the Insight Security App!

- Solves lower-income individuals' problem of not being able to afford a brand home security system by letting them turn their old phones into security systems
- Android application that connects user's phones to the hardware of old junk phones.
- We know if our product works when it detects excess sound and takes action (live streaming, notifications between phones and more)
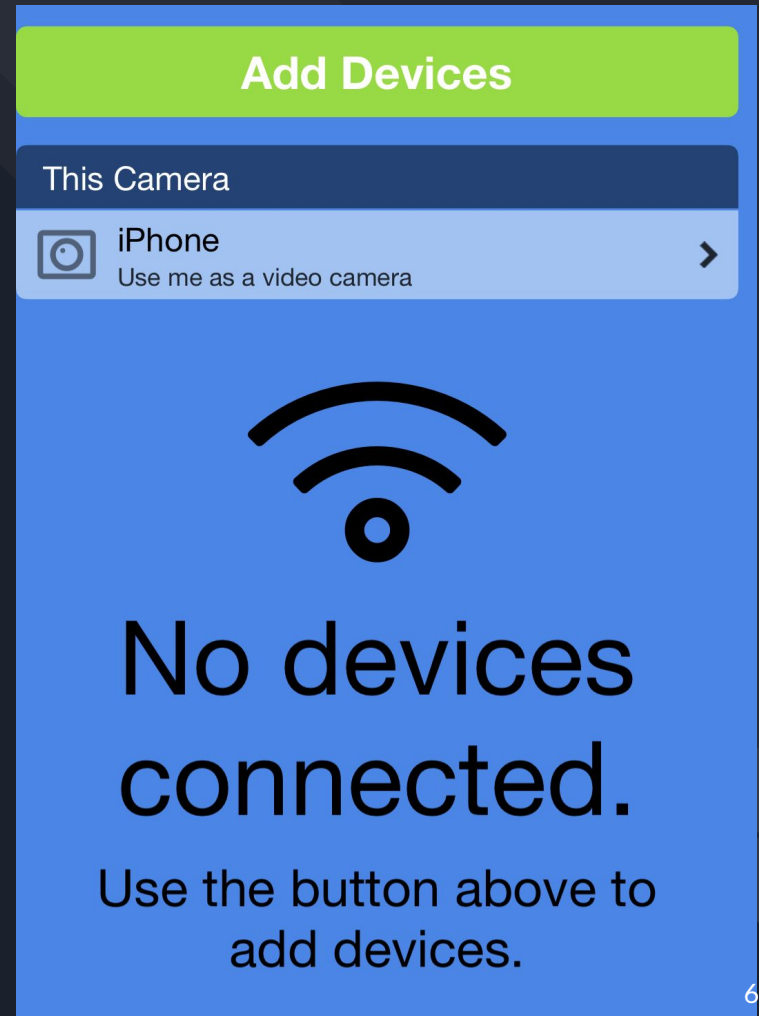
Target Audience

- Individuals who can't afford to spend hundred and thousands of dollars
- Individuals with old Android products needing a purpose for them
- Individuals who don't have the knowledge to set up a security system

Goal

- Create an Android app to turn old products into security systems
  - Android devices dominate the global market yearly

- Easy to use to app with a simple UI that anybody can understand:
  - Example:
  - Similar App: Presence

Add Devices

This Camera

📷 **iPhone**
Use me as a video camera ›

No devices connected.

Use the button above to add devices.

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End Goal

1. User will sign in with Google account
2. User will determine if device being used is a "Viewer" or a "Camera"
3. App will determine the average decibels of the room the camera is placed in
4. If there is a unusual spike increase of noise the app will notify the user
5. User will be able to view a live stream from the camera

MVP

1. App will determine the average decibels of the room the camera is placed in
2. If there is a unusual spike of noise the app will notify the user on the recording device

Epics

MVP

- I want to be notified when there is sudden noise on the recording device

- I want to know what is the baseline of noise around my house

End Goal

- I want to add a device to my account

- I want to be notified when there is sudden noise across all my devices

- I want to know what is the baseline of noise around my house

- I want to view a live stream of my home after noise is detected

- I want to be able to manage all of my connected devices from my account

Technical Details

Technologies Used

Android
API

Android
Studio

Google
API

Google
Cloud
Platform

Kotlin

About The Team

Strengths

Eric

Modeling databases

SQL

Project design

Merna

Modeling databases

SQL

Richard

UI design

SQL

Responsibilities

Eric

Database design

Merna

Integration

Richard

UI design

In Conclusion

- Home security systems should be the norm for every household
- Our app will make them more accessible to lower income households, while reusing technology and reducing waste!

Thanks!