

Insight Security

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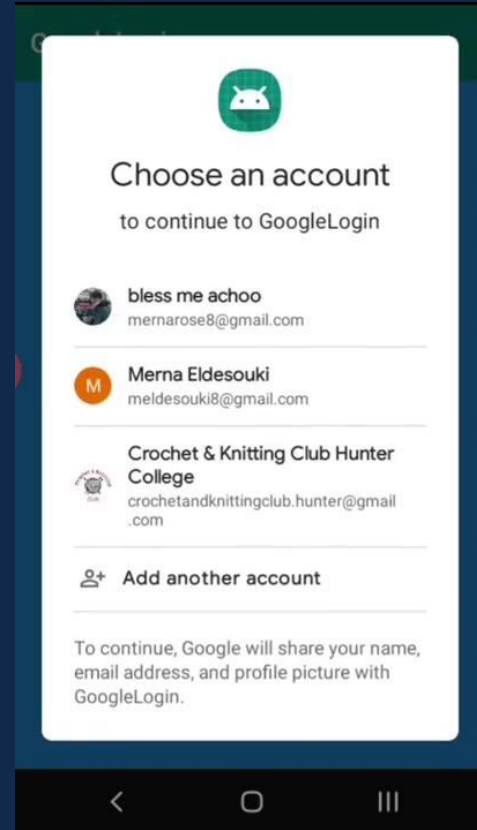


What is Insight Security?

- 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)

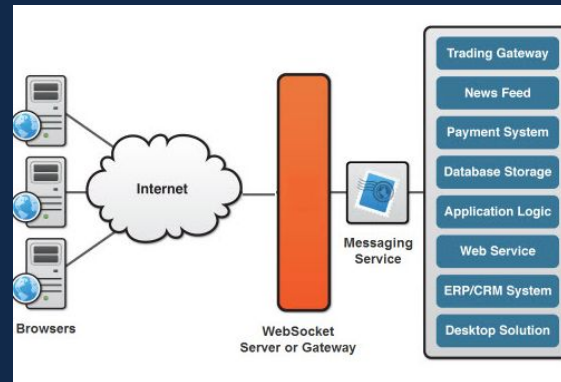
Demo

Be wowed!



What is Left To Be Accomplished

- Make noise detection more tailored to individual's environment by calculating average in home
- Cloud Function Bugs left that need to be resolved
- Video streaming



Tools



User Accounts

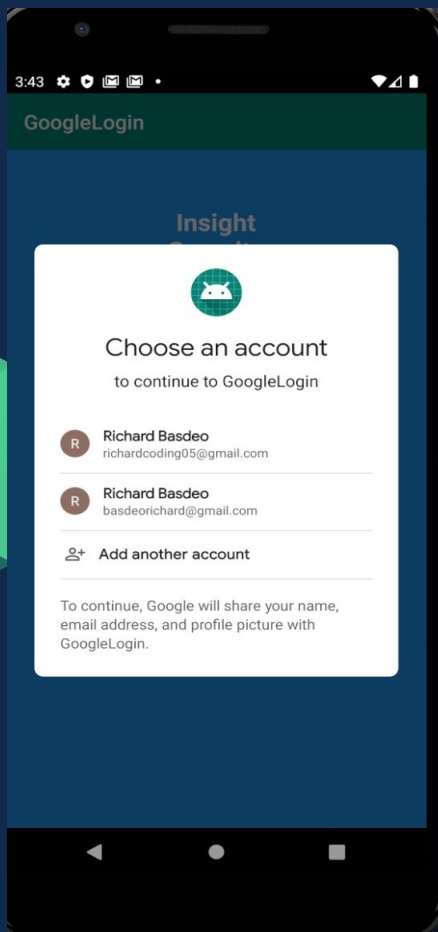
User Accounts were created using Google API:

- Clicking the Google sign in button triggers google sign in method.

Insight
Security

Sign In With
Google:





Authentication

[Users](#) [Sign-in method](#) [Templates](#) [Usage](#)

 Search by email address, phone number, or user UID

Add user



Identifier	Providers	Created	Signed In	User UID ↑
basdeorichard@gmail.com		Mar 15, 2020	Apr 3, 2020	4L6nw9M8M1X5XkQg9ImEHY54K...
richardcoding05@gmail.com		Mar 15, 2020	Apr 5, 2020	JOSFZ9XT2GY3PtZ9JhNEZjUHne02
eric.benjamin2010@gmail.c...		Mar 15, 2020	Apr 5, 2020	KQ7MozobTKPpUbUMERdLoHBLx...



Database

- Insight Security (Root)
 - Users:
 - Database ID
 - User Name: “Richard Basdeo”
 - User Email: “basdeorichard@gmail.com”
 - Notification Token: “Determined at first sign in”
 - Noise Event: False
 - Notified: False

A decorative graphic on the left side of the slide, consisting of several overlapping green triangles and polygons of varying shades, creating a modern, abstract geometric design.

Noise Event

- Once user chooses to go into camera mode, the app begins listening
- The decibel level is monitored
- Once it goes above a certain level (based on previous data), a noise spike is detected
- The 'noiseEvent' value for that user in the database is set to true
- Image on next slide

GoogleLogin

Camera

Noise spike: false

Listening

ENTER CAMERA MODE

Current Level: 33.1 dB



GoogleLogin

Camera

Noise spike: true

Listening

ENTER CAMERA MODE


Current Level: 66.7 dB





Cloud Function

- When the 'noiseEvent' value for that user in the database is set to true, a cloud function is triggered
- This cloud function sends a notification to each device (user) in the database with the same Google username as the device with the noise event
- Sets 'notified' to true for five minutes for each of those users
- Sets noiseEvent back to false

A decorative graphic on the left side of the slide, consisting of two overlapping green triangles pointing to the right. The top triangle is a lighter shade of green, and the bottom triangle is a darker shade, creating a 3D effect.

Thank You!

Any Questions?