

Objective

Our client wants to produce a mechanism that can connect to a user's phone in order to send them an alert when certain events occur.

Bluetooth Connection		Android Settings
Paired Devices		🕂 Pair a r
Name	X Connected Devices	Paired Devi
Bluetooth Device 1		Bluetooth Dev
Bluetooth Device 2	Settings < Bluetooth < Connect Device	Bluetooth Dev Bluetooth Dev
Bluetooth Device 3	Notification when device is activated	
Bluetooth Device 2 went off!		

Our Plan

Our portion will involve creating an Android application that will allow the user to:

- Connect a Bluetooth device to a phone
- Have ease of use to match our target audience
- Create a notification system where a switch on the connected Bluetooth device is pressed and the user is notified.

Bluetooth Integrated Mobile Application Team Members: Nick Dorscher, Zachary Vig Sponsor: Not Disclosed

Tools

new device

ices evice 1 evice 2 evice 2

To create a working Android application, we will use a conduct research on the following topics:

- Android Studio
- Kotlin
- Bluetooth 5





We were successful in meeting our client's expectations with a fully functional Android Application. For demonstration purposes, we are connecting to a pair of headphones to show of functionality.



STUDENT FOCUSED



Practical Application

Our client is remaining undisclosed to ensure advantage in their competitive market with a relatively new technology. For presentation purposes here are some practical scenarios for this mobile application.

Kotin



Result





Home Alarm System







Hunting/Trapping