

INTERNET OF THINGS

ANGER MANAGEMENT TOOL

INDHUSRI GUNDA | CLEMENTS HIGH SCHOOL | TEAM DISSECT

Process

Exploration

Playing around with sensors and Arduinos to gain an understanding.

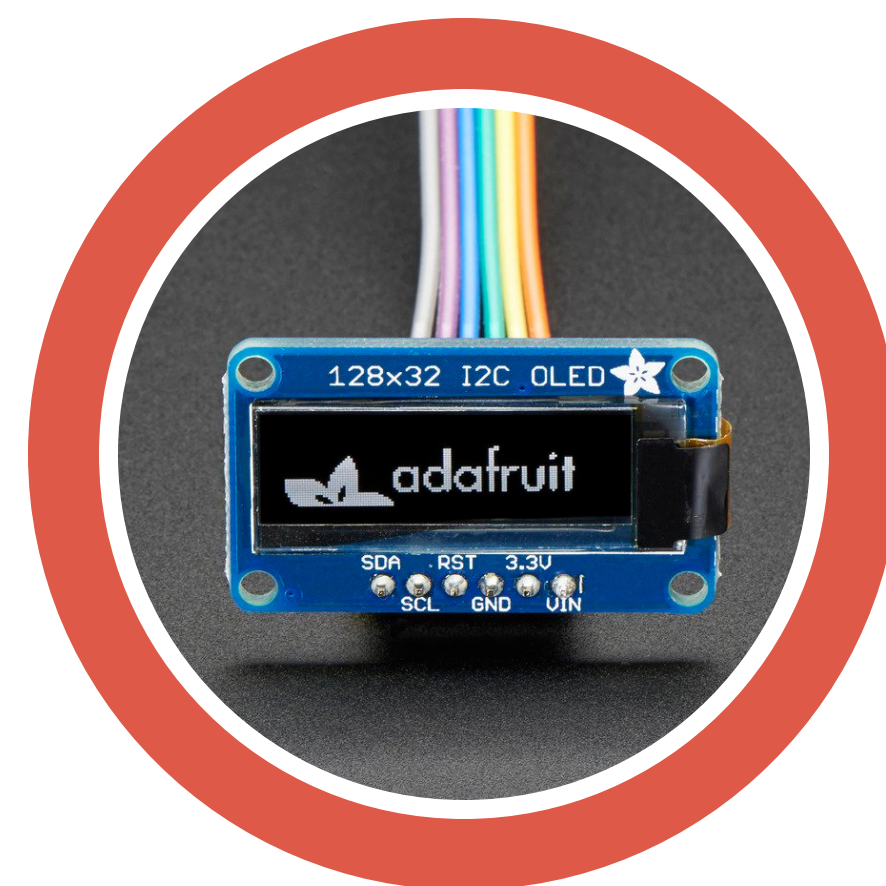
Inspiration

Researched existing products such as the Nest Thermostat and Jacquard fabric.

The Idea

- People often act in ways they regret when they are angry.
- Create a wearable device to detect signs of anger.
- Serve as a reminder of the consequences.

OLED Display



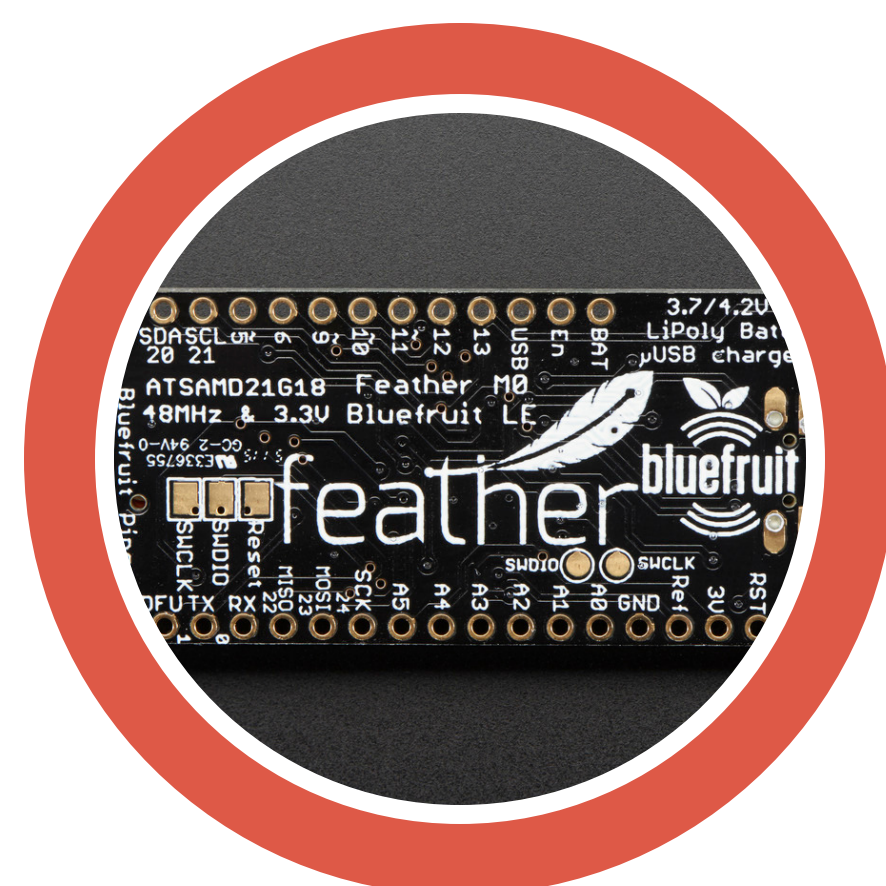
Used to notify the user when the muscle sensor detects high readings.

Muscle Sensor

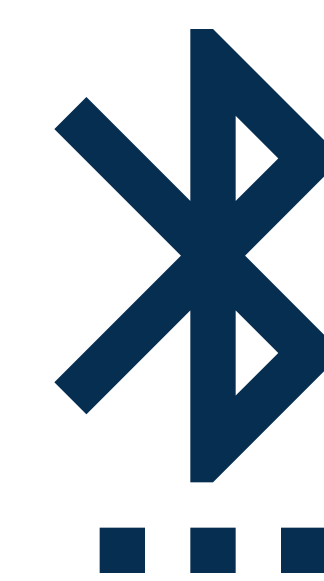


Used to measure the electrical activity of skeletal muscles.

Bluetooth Feather



Small, compact, and connects to an iPhone app.



Future Plans

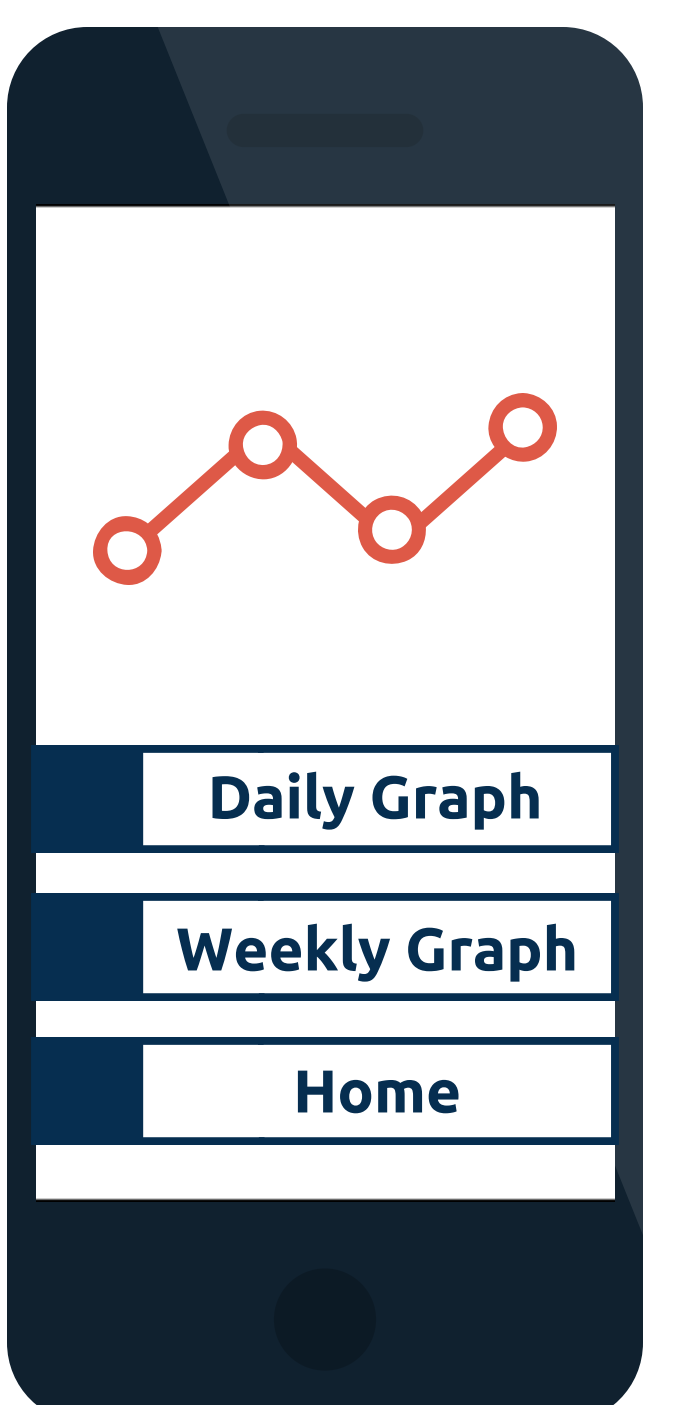
More Sensors

Integrate a pulse sensor and motion sensor into the design for more accurate data.



Phone App

An application to give the user access to more information that the sensors are collecting.



Mentors

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