

Population Tracking for Covid

Feature List:

Record Human Body Temperature

Facial recognition to differentiate people from other objects

Alert user when unsafe temperature is measured

Produce and Record data for the system

Compact and Safe Design

Elevator Pitch:

Reduce the spread of Covid by monitoring symptoms and human movement patterns through a device with various sensors.

Technologies used:

Camera connected to Raspberry Pi using Open.cv public library in Python to do human detection

I2C Connection with IR Sensor

Cloud transfer through API Keys

HTTP.client library to send data to Thingspeak cloud

