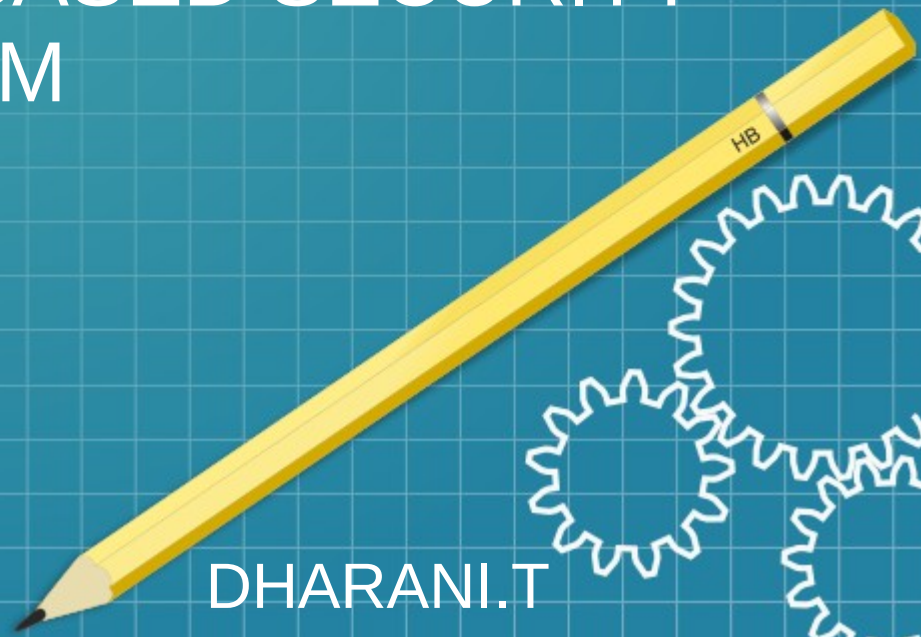
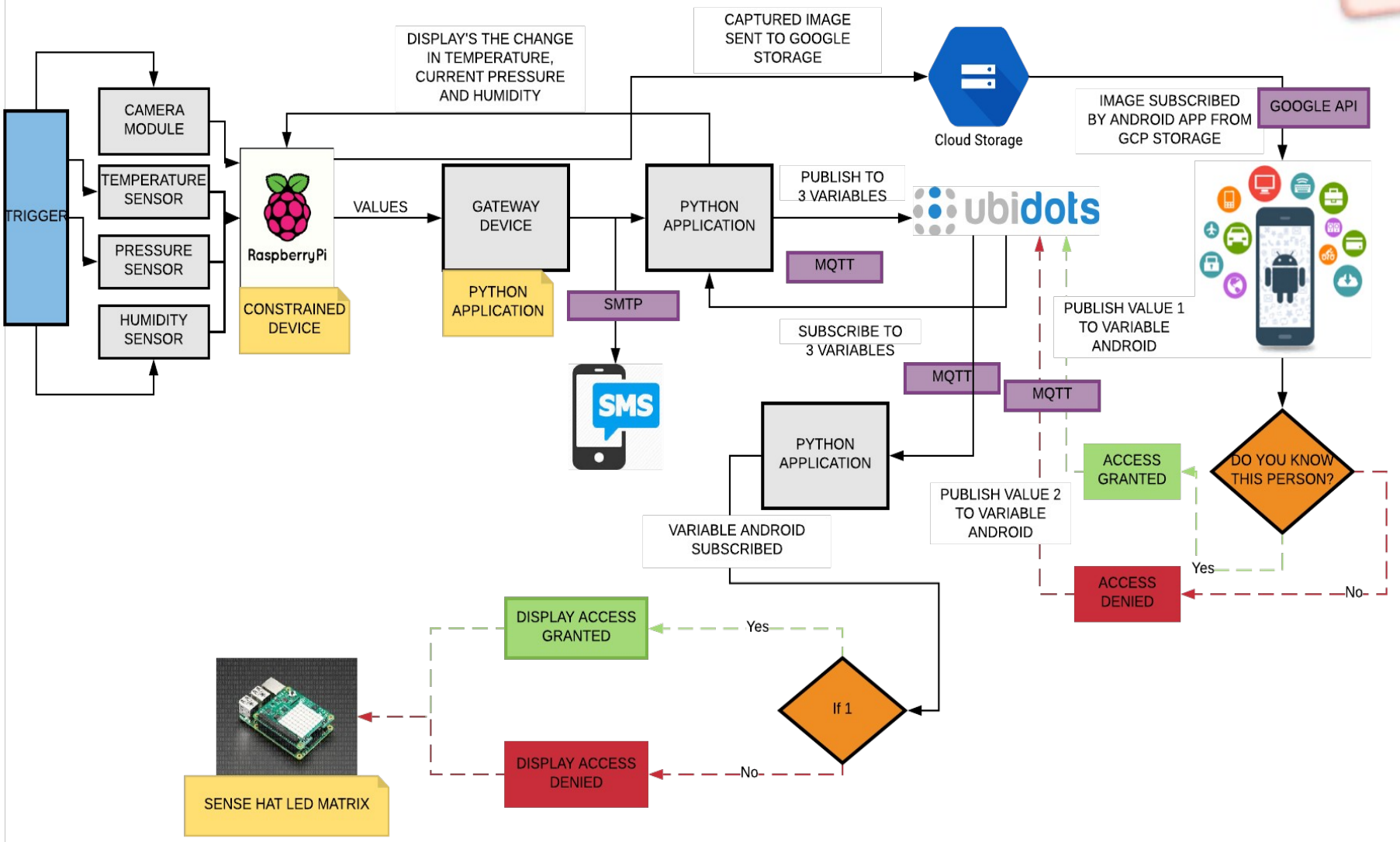
# CONNECTED DEVICES

FINAL PROJECT
FACE RECOGNITION BASED SECURITY SYSTEM




DHARANI.T

# FLOW DIAGRAM



Protocols Used :
1. Mqtt
2. SMTP

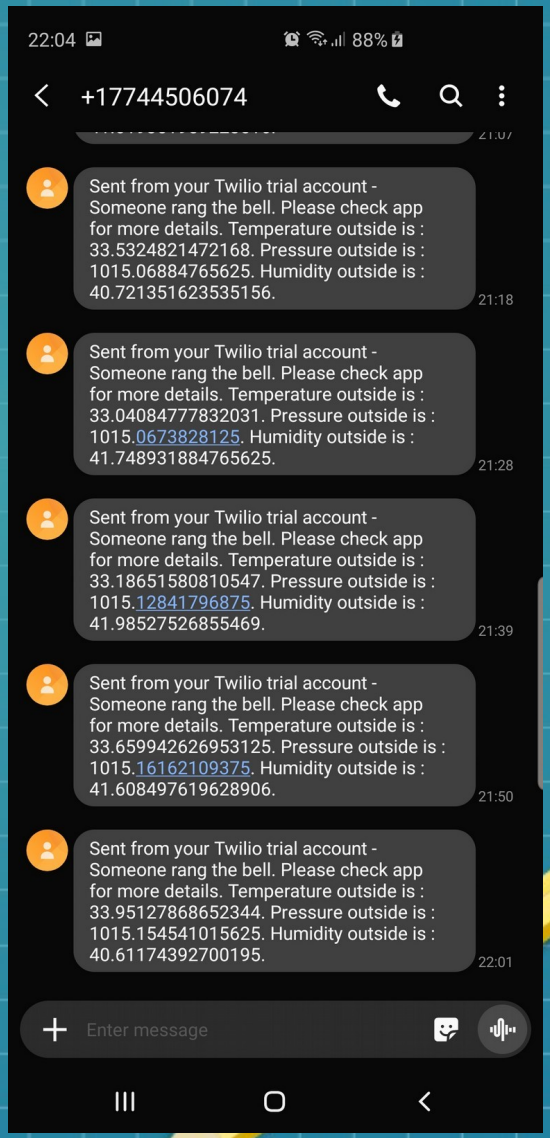
Sensors Used :
1. Raspberry pi camera module/sensor
2. Humidity Sensor
3. Temperature Sensor
4. Presssure Sensor

Cloud Services:
1. Google Cloud Platform
2. UBIDOTS

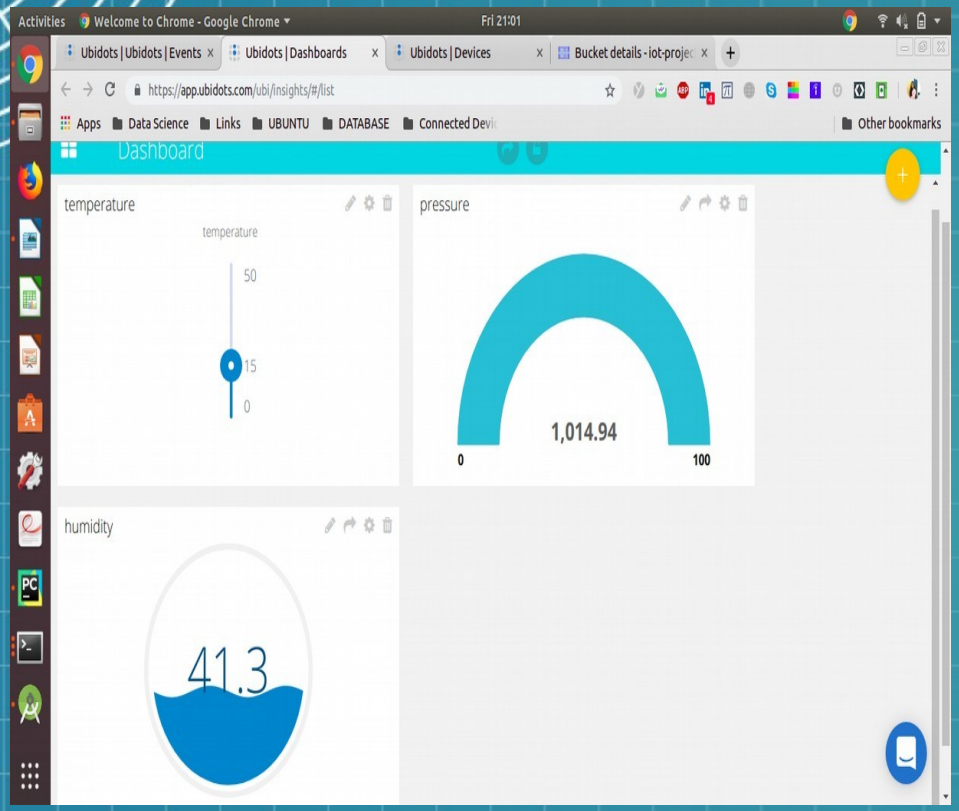
Url : https://youtu.be/LZh16xVoErY

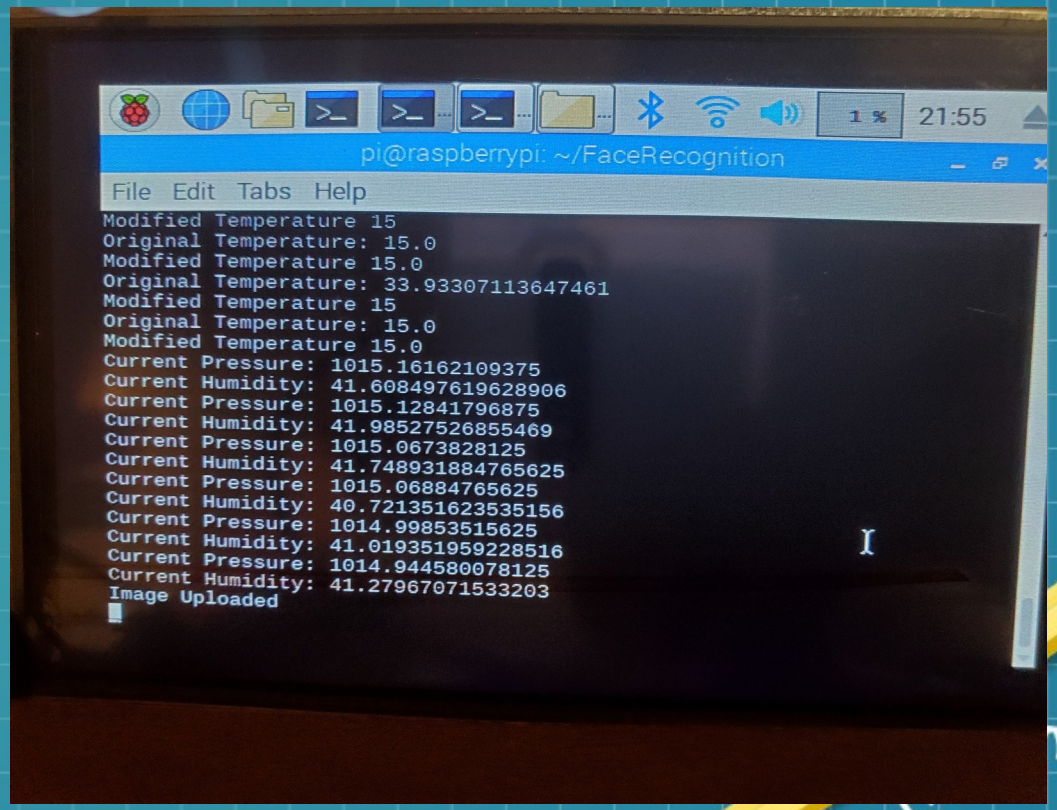
# Output

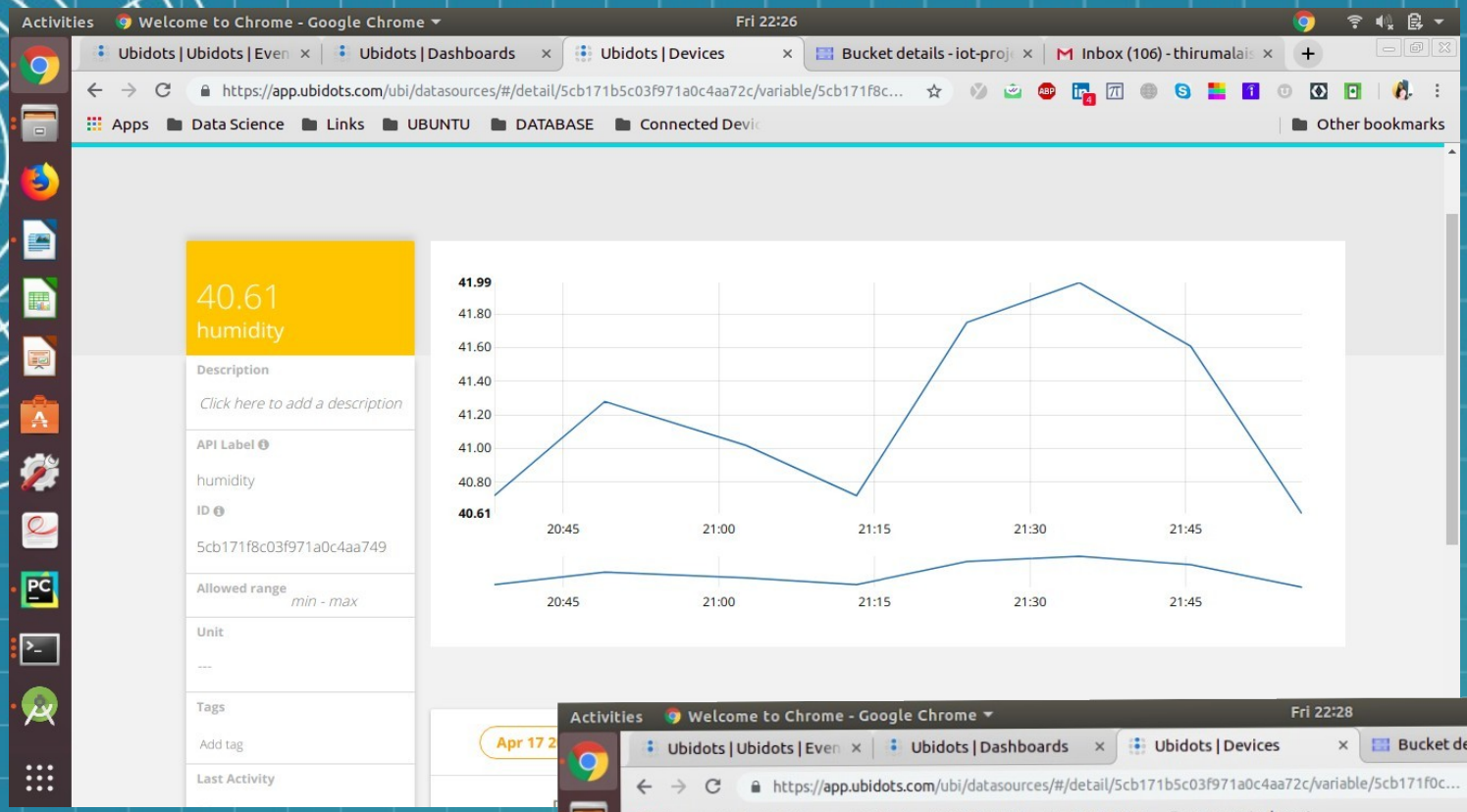
## 1. Text message



# 2. Ubidots publish and Subscribe

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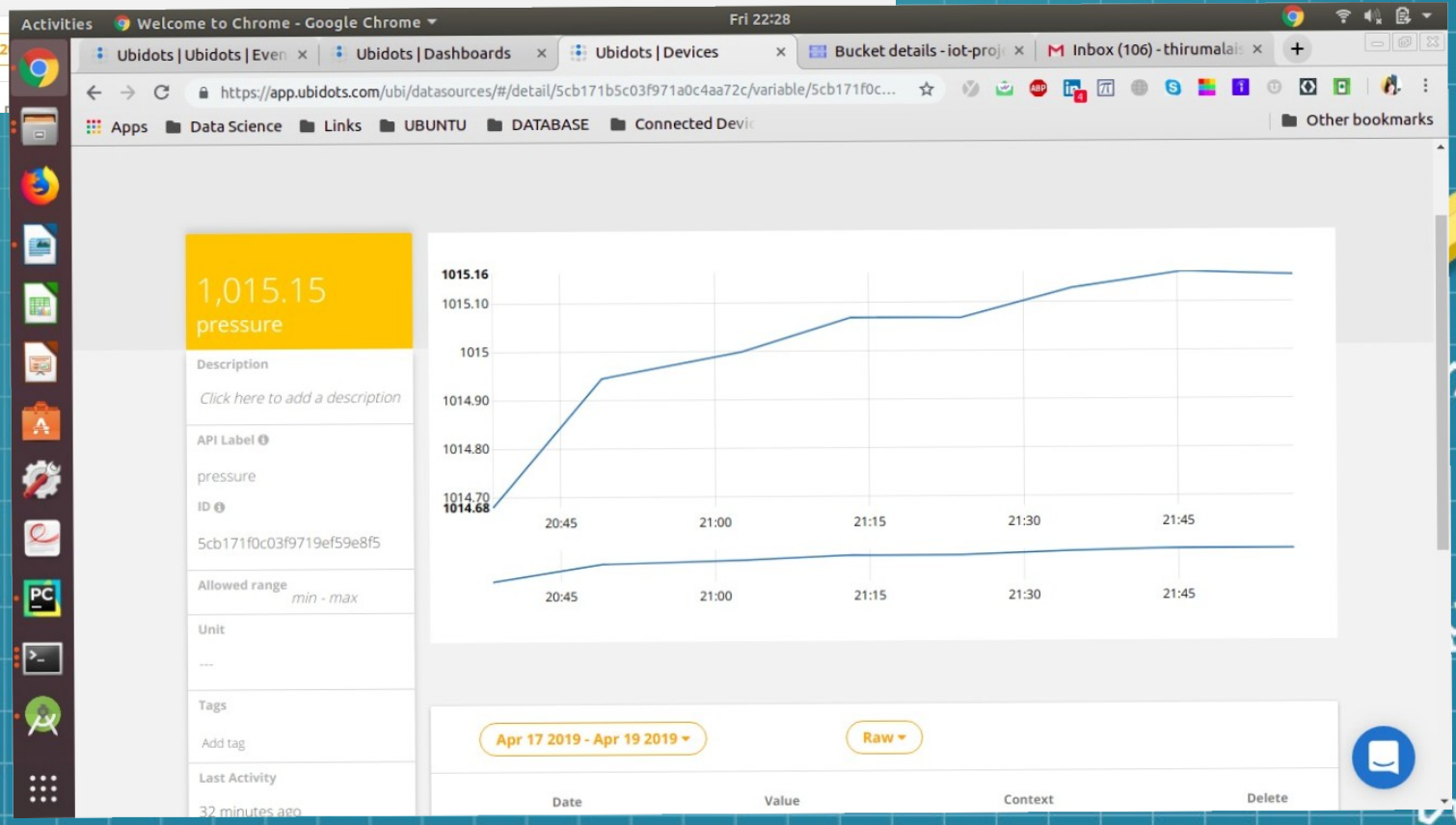
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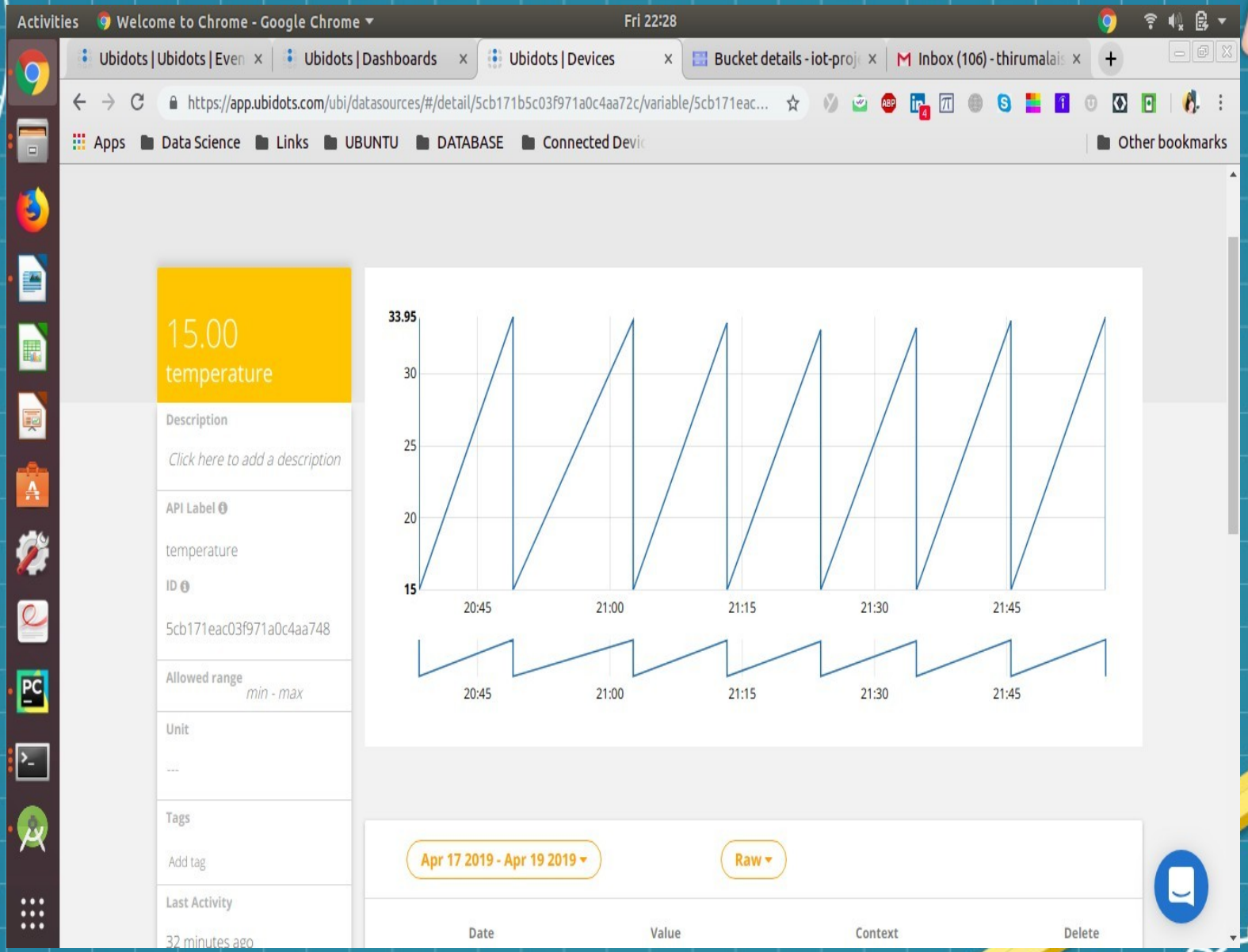
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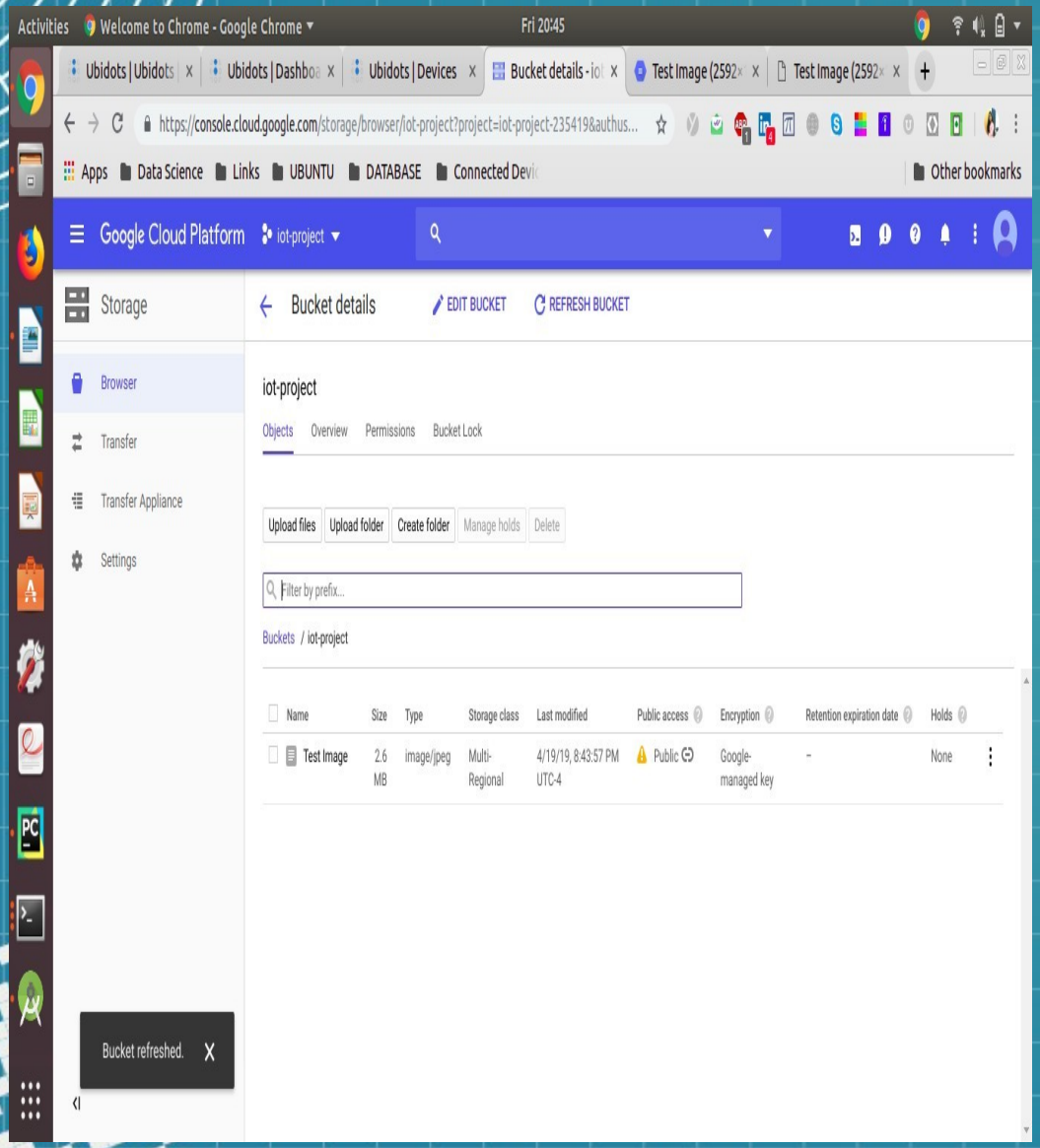
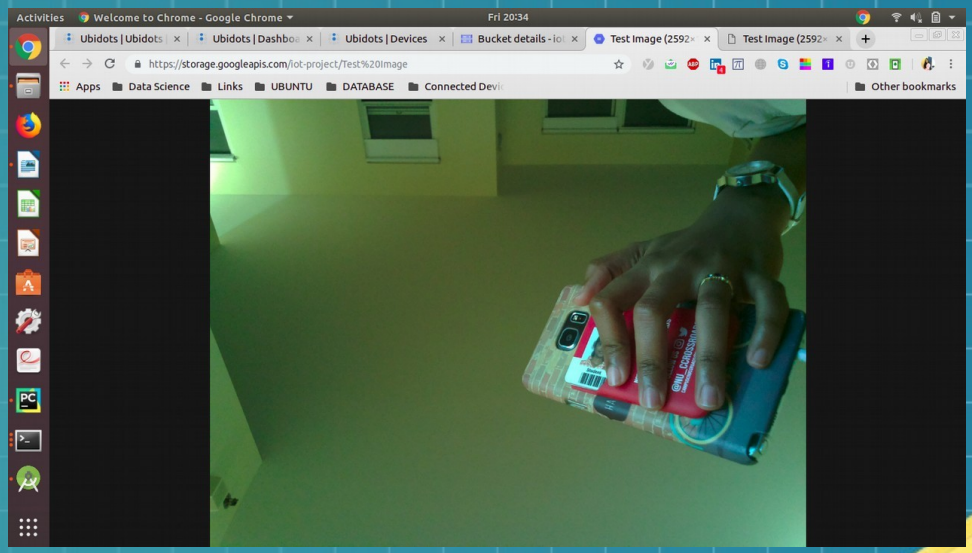
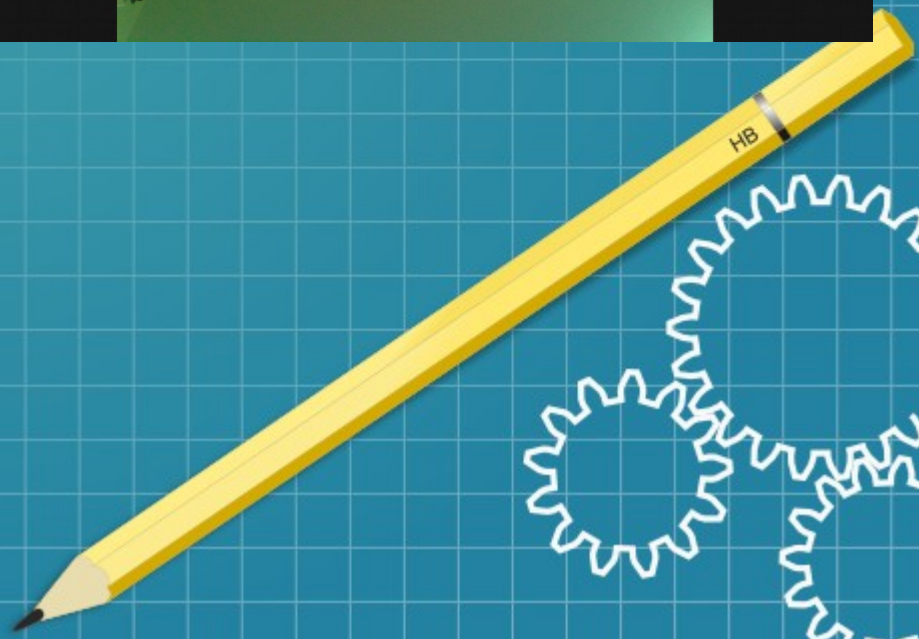
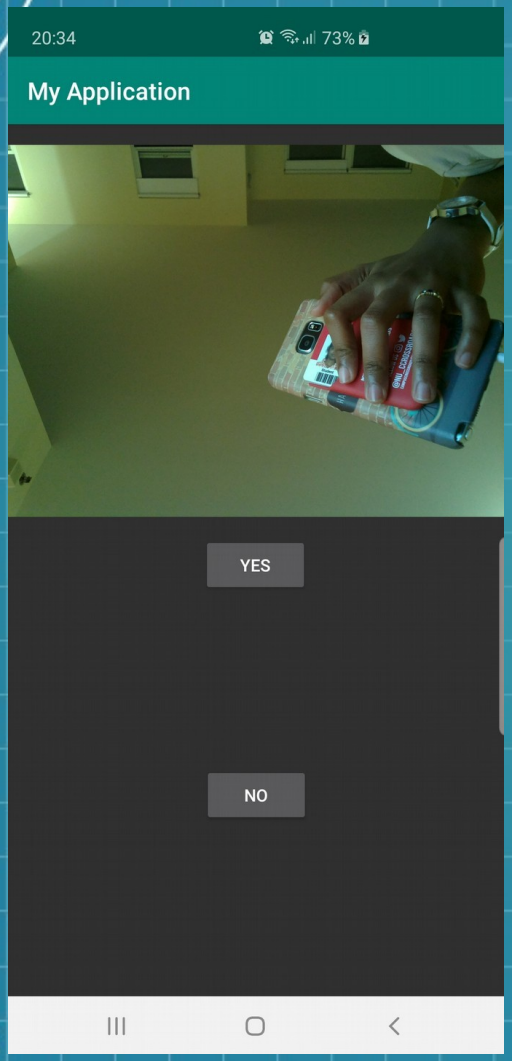
# 3. Image to Google Cloud Storage

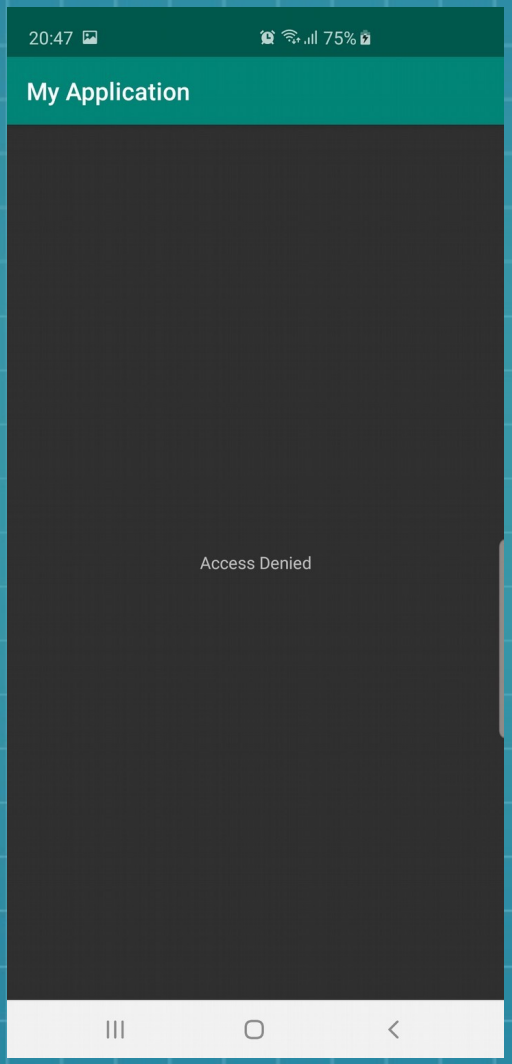


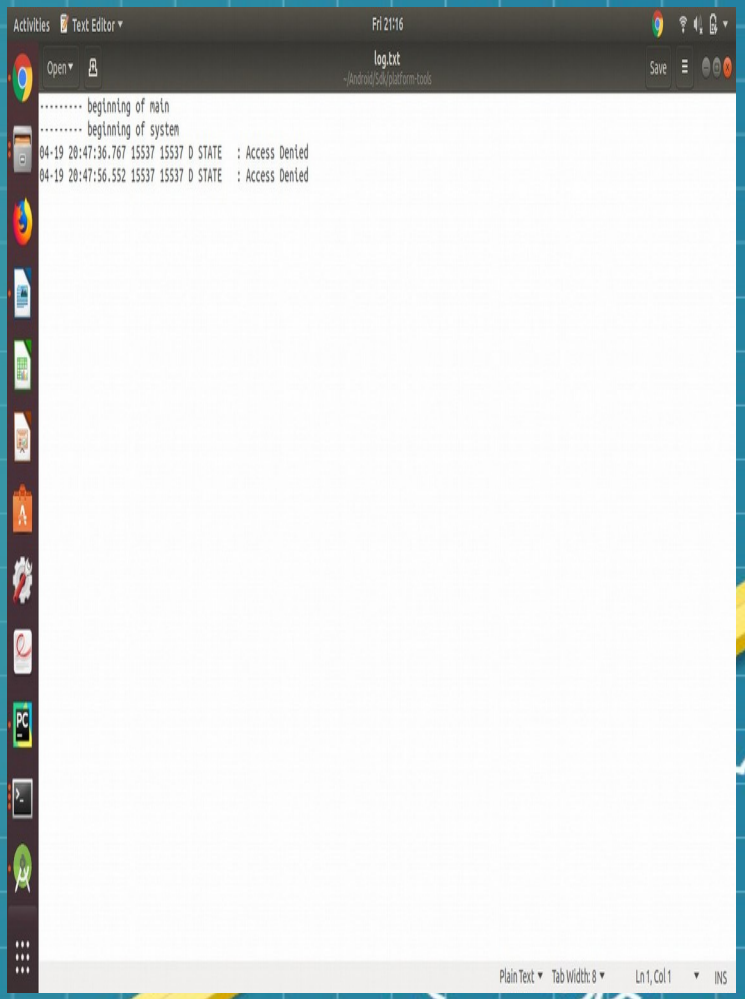



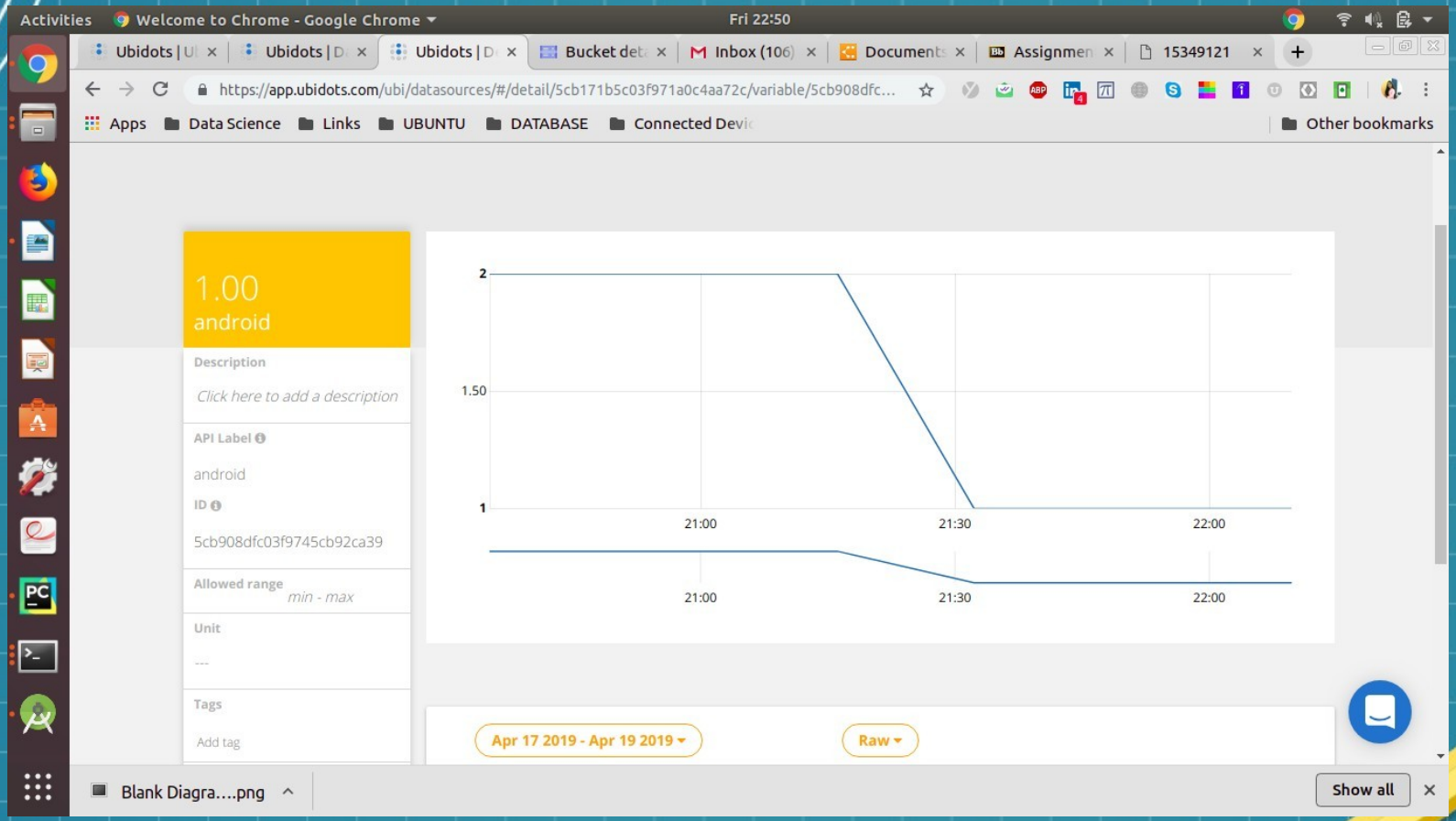



# 4. Android App

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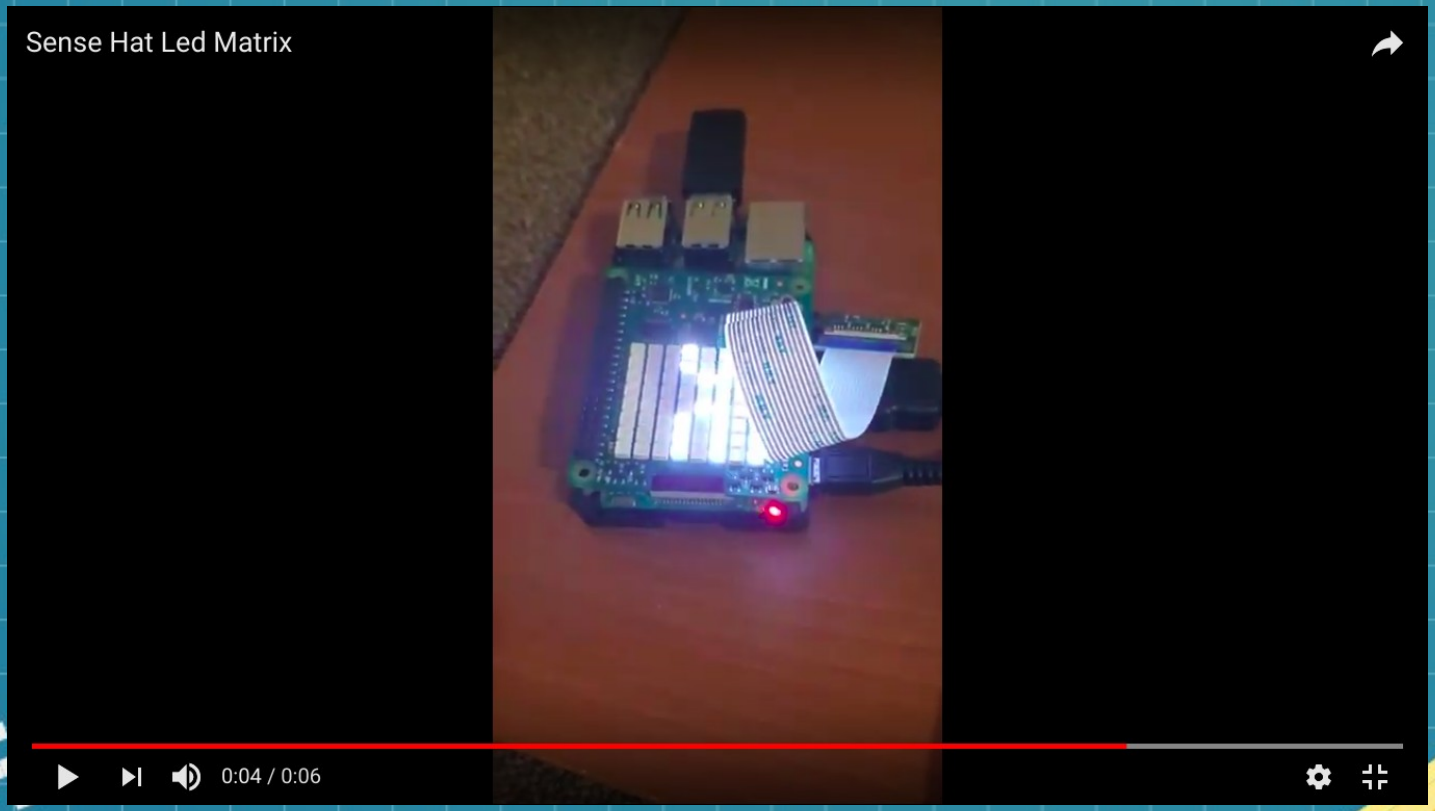
# 5. SENSE HAT LED MATRIX

YouTube Link https://youtu.be/xa_9HWD0yGU



# Future Scope

1. *Improve algorithm*
2. *Create database to store data*
3. *Re-train model*