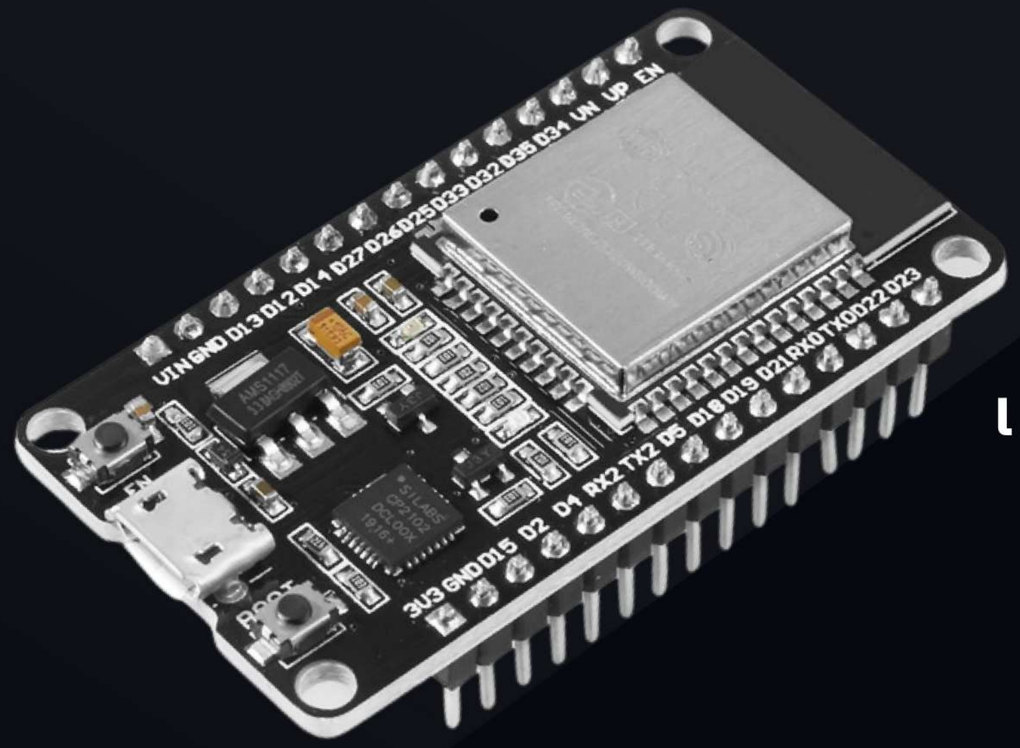
AirLife
แอร์ไลฟ์

AIRLIFE



เครื่องวัดความกดอากาศ อุณหภูมิและความชื้น ที่มีผลต่อสุขภาพ

MICROPROCESSORS AND INTERFACING EN813203

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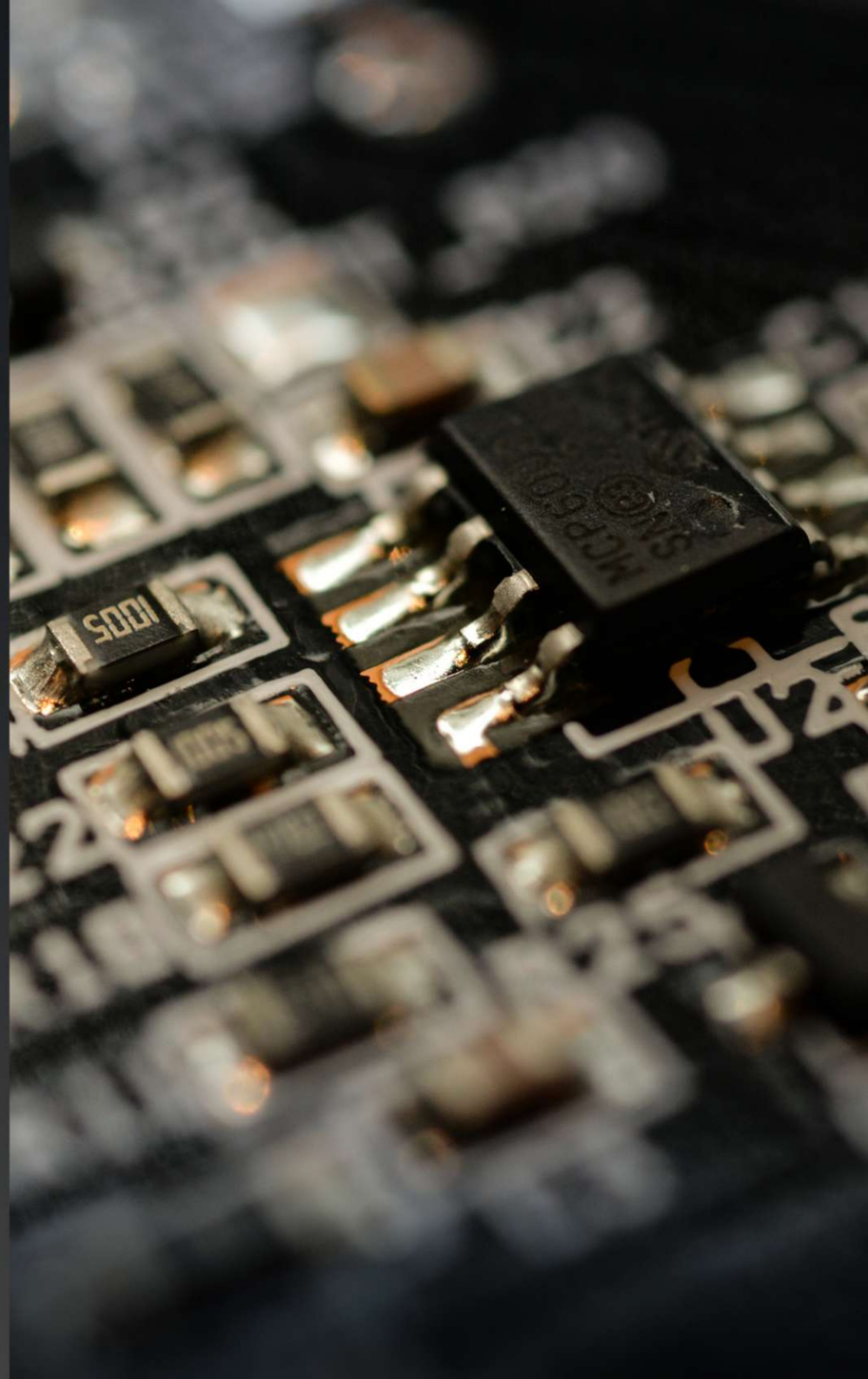


TEAM CONTRIBUTE

Let's meet our team members

YOTIN NUNTASEN

ESP32 Programmer

TEERAPONG KUNASIT

Line Chatbot Developer

APIWAT CHAKUNCHON

Circuit Designer

TEAM CONTRIBUTE

Let's meet our team members

YANASORN WONGPAKDEE

ESP32 Programmer

CHANYUT SAENGWICHAIN

Line Chatbot Developer

NONTAWAT LAOKOTE

Circuit Designer

STATE OF PROBLEM

The barometer, thermometer, and hygrometer that affect health.

Temperature, humidity, and atmospheric pressure are often overlooked as significant factors influencing human health. Different regions have varying levels of these elements, and changes in them can affect individuals, especially those with weaker immune systems, potentially leading to illness. Understanding the impact of these environmental conditions is crucial for maintaining overall well-being.

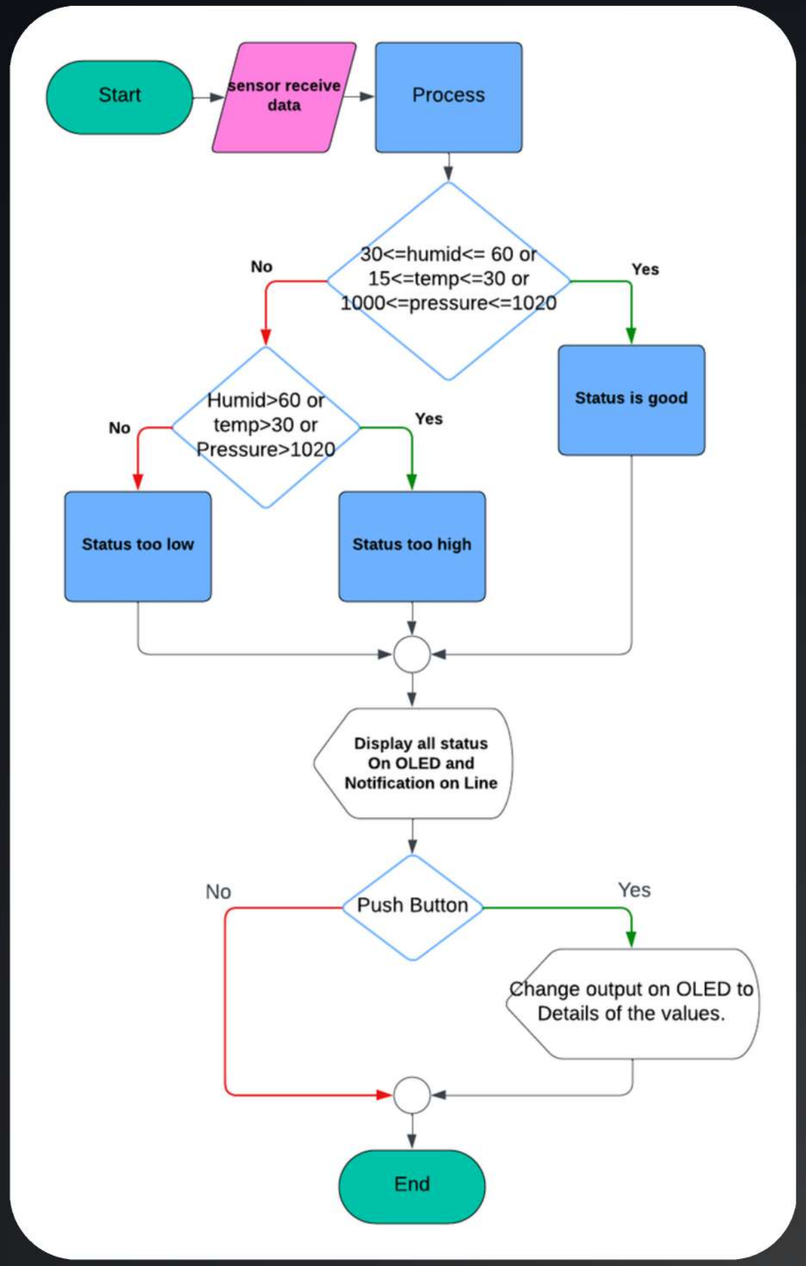
TEMPERATURE

HUMUDITY

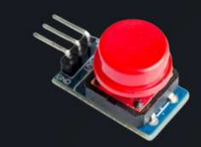
AIR PRESSURE

Flow Chart

- SENSOR RECEIVE DATA
- PROCESS
- PUSH BUTTON TO MAKE INTERRUPT



Working System

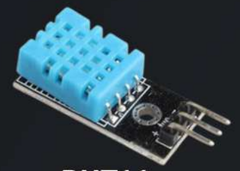


Module Button

Send
Interupt

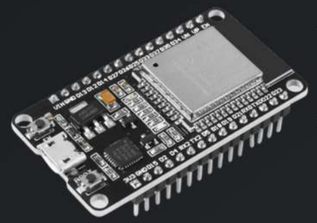
GY-91 MPU9250

Atmosphere
Pressure



DHT11

Humidity

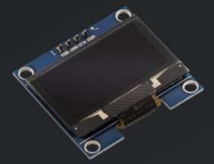


Board ESP 32

Database

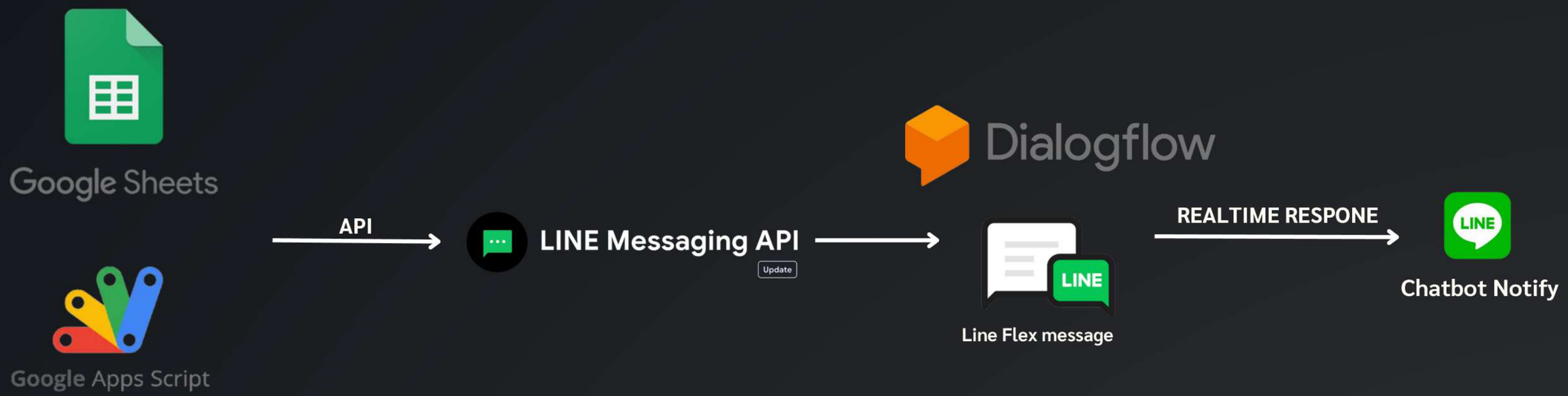
Google Sheets

Output

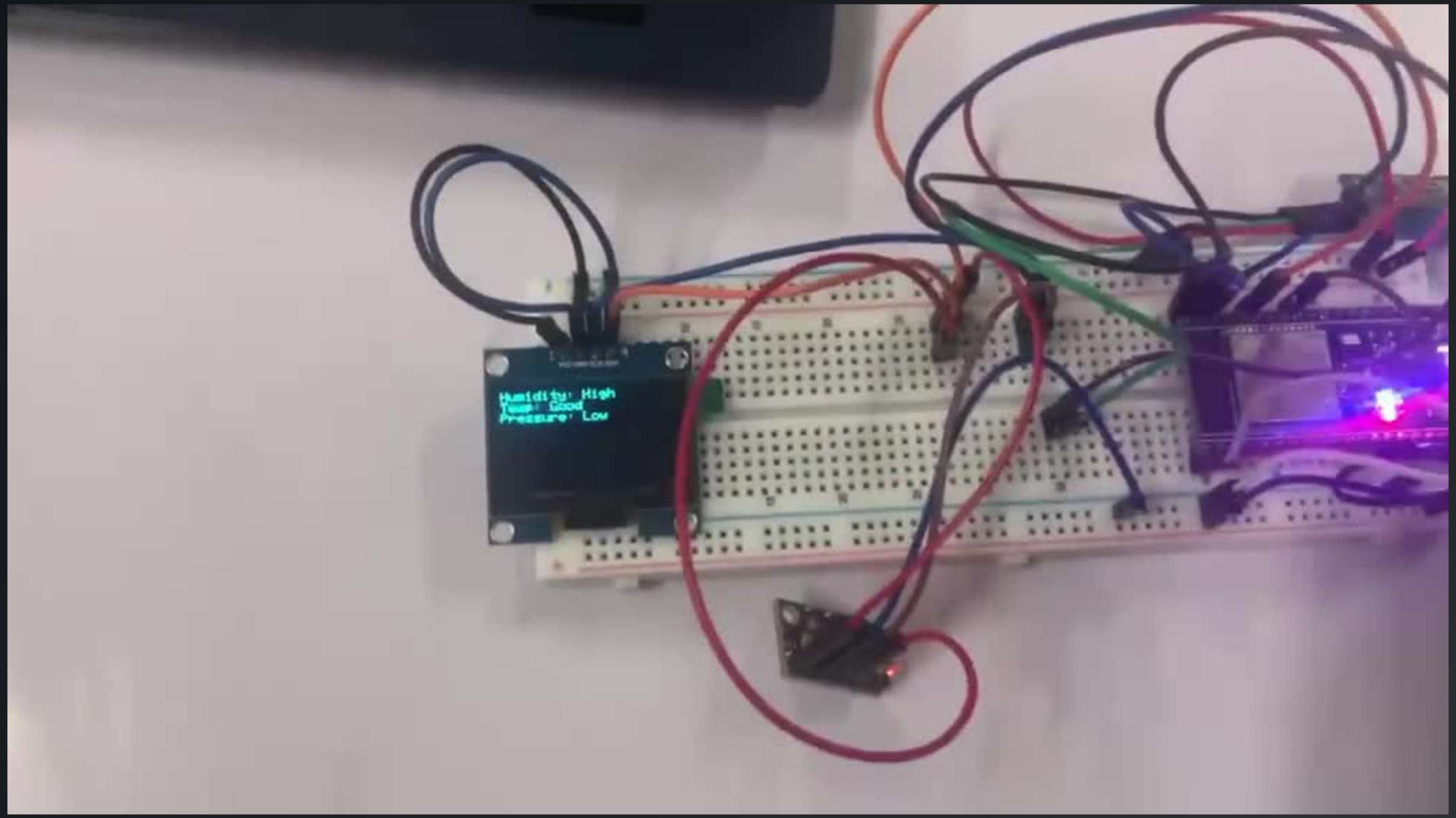


SH1106 OLED

Working System



Demo Video



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NOTIFY

AitLife offers a new type of notification that's anything but boring, featuring a beautiful UI and helpful suggestions.

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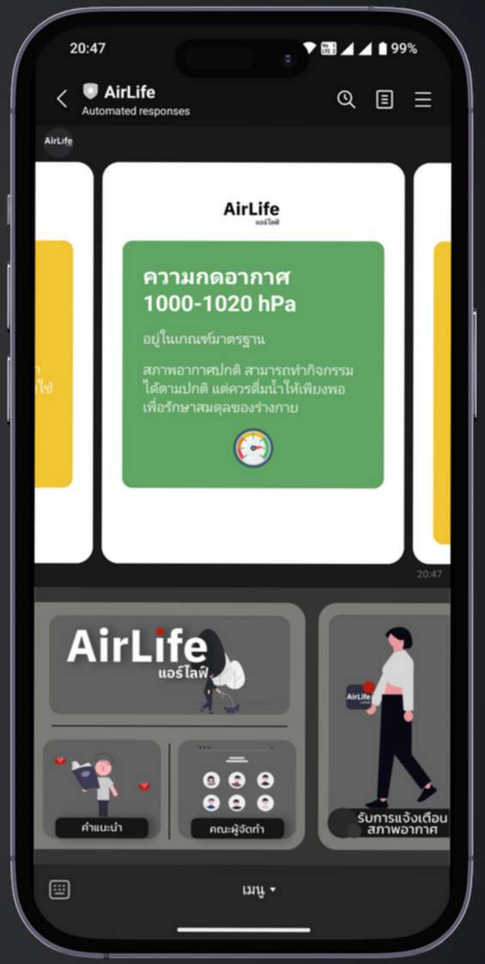

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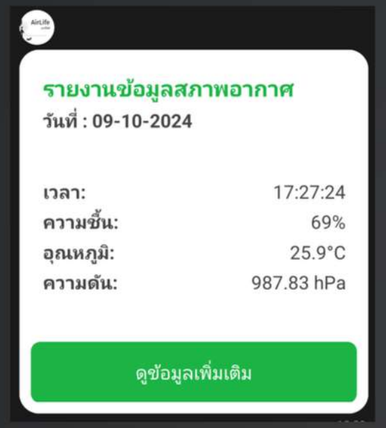

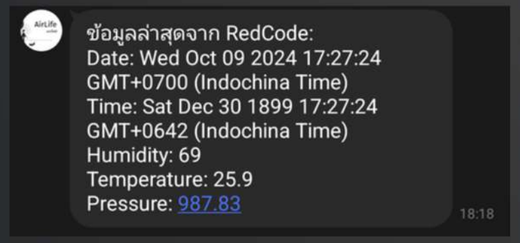

NEW UI

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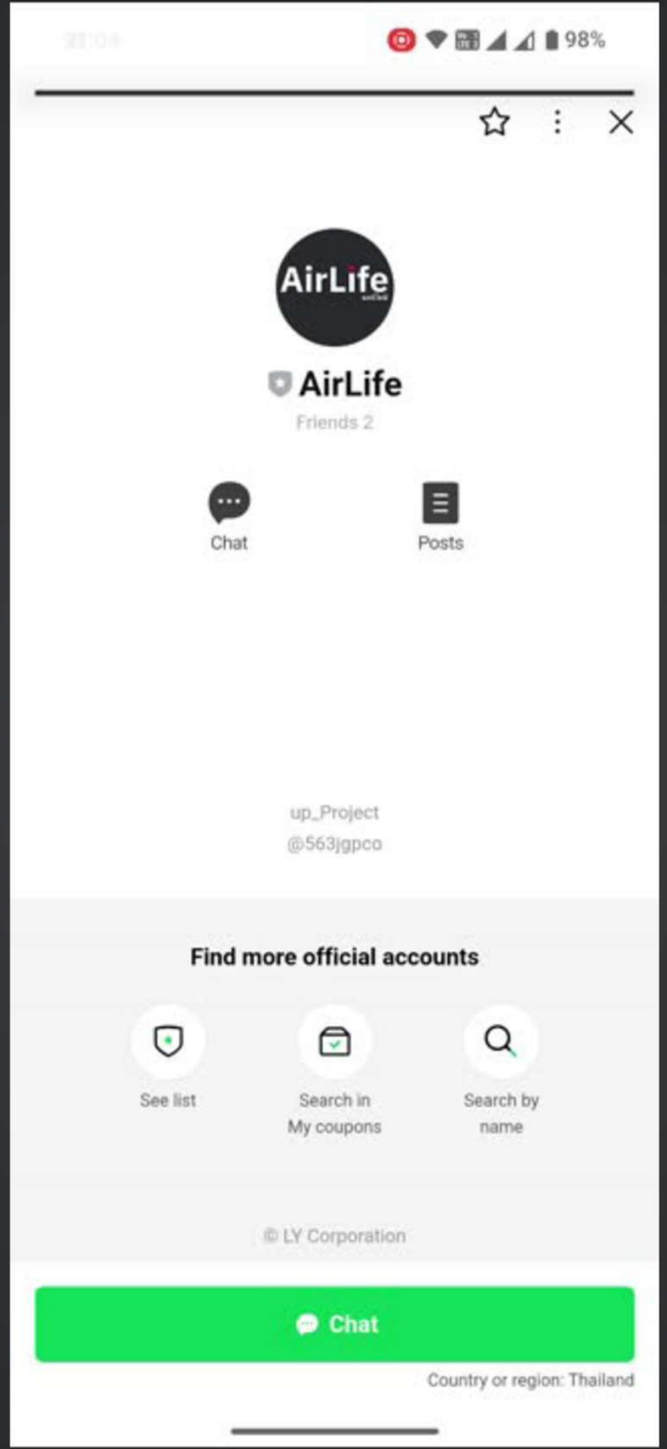


EXPECTED BENEFITS

1

Air Quality Monitoring

2

Health Impact Prevention

3

Efficient Data Management

4

Convenience in Use

5

Early Warning System

CONCLUTION

Device

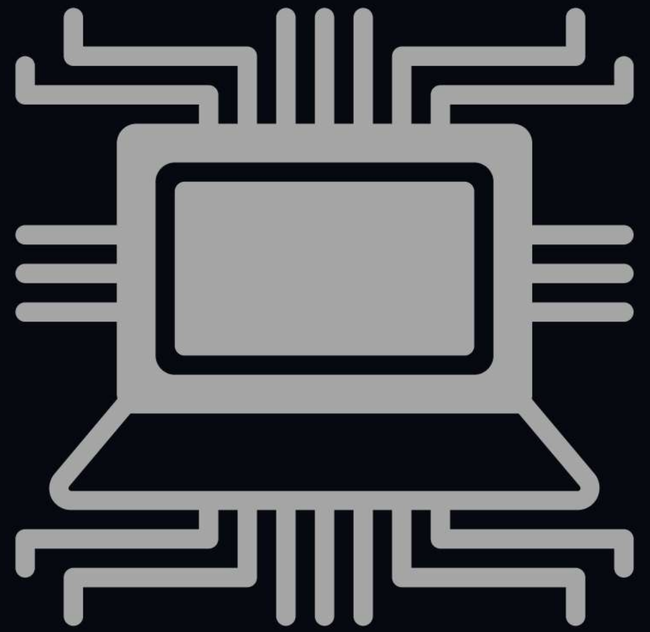
The device for measuring atmospheric pressure, humidity, and temperature has positive health impacts.

Expertise

It can accurately detect and measure atmospheric pressure, humidity, and temperature.

Health

Data transmission to the internet allows for continuous health monitoring for the user.



THANK YOU

FOR OUR PRESENTATION