

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green color. They are positioned diagonally, with the blue one in front of the green one.

Air Monitor

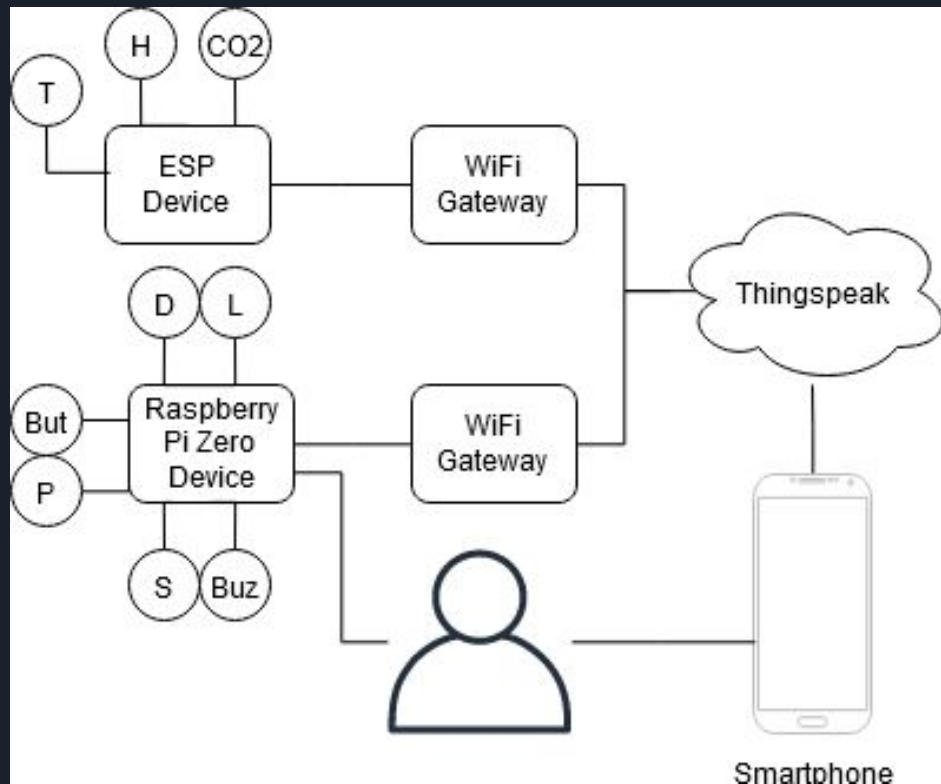
Patrick Ackermann, Fabian Wildhaber



Use Cases

- Werte messen
 - Temperatur
 - Luftfeuchtigkeit
 - CO₂
- CO₂ Limit setzen
- Alarm bei zu hohen Werten

Referenzmodell





Interface Dokumentation

- HTTP API Thingspeak
 - Write

```
curl -vX GET https://api.thingspeak.com/update?api_key=<write_api_key>&field1=co2&field2=temp&field 3=hum
```

- READ

```
curl -vX GET https://api.thingspeak.com/channels/<channel-name >/feeds.json?api_key=<read_api_key>&results=int
```



Issues

- Software PWM is not accurate enough for Servo.
- grove.py library installation failed with the install script from github.