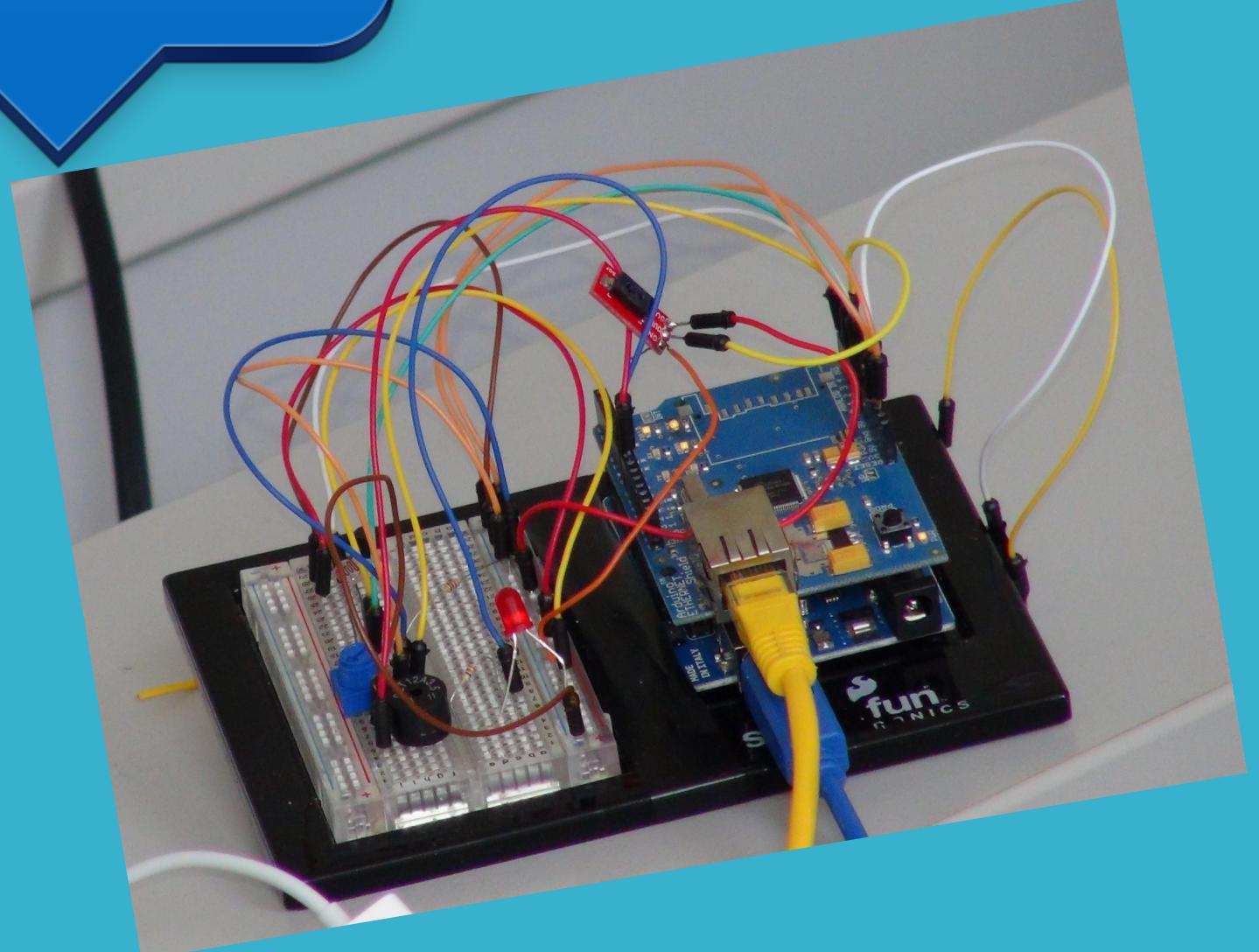


Arduino Senses On Twitter



/sfhmmy_senses



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Abstract

This project is about a smart node that “senses” the environment and after processing the data, it tweets them.

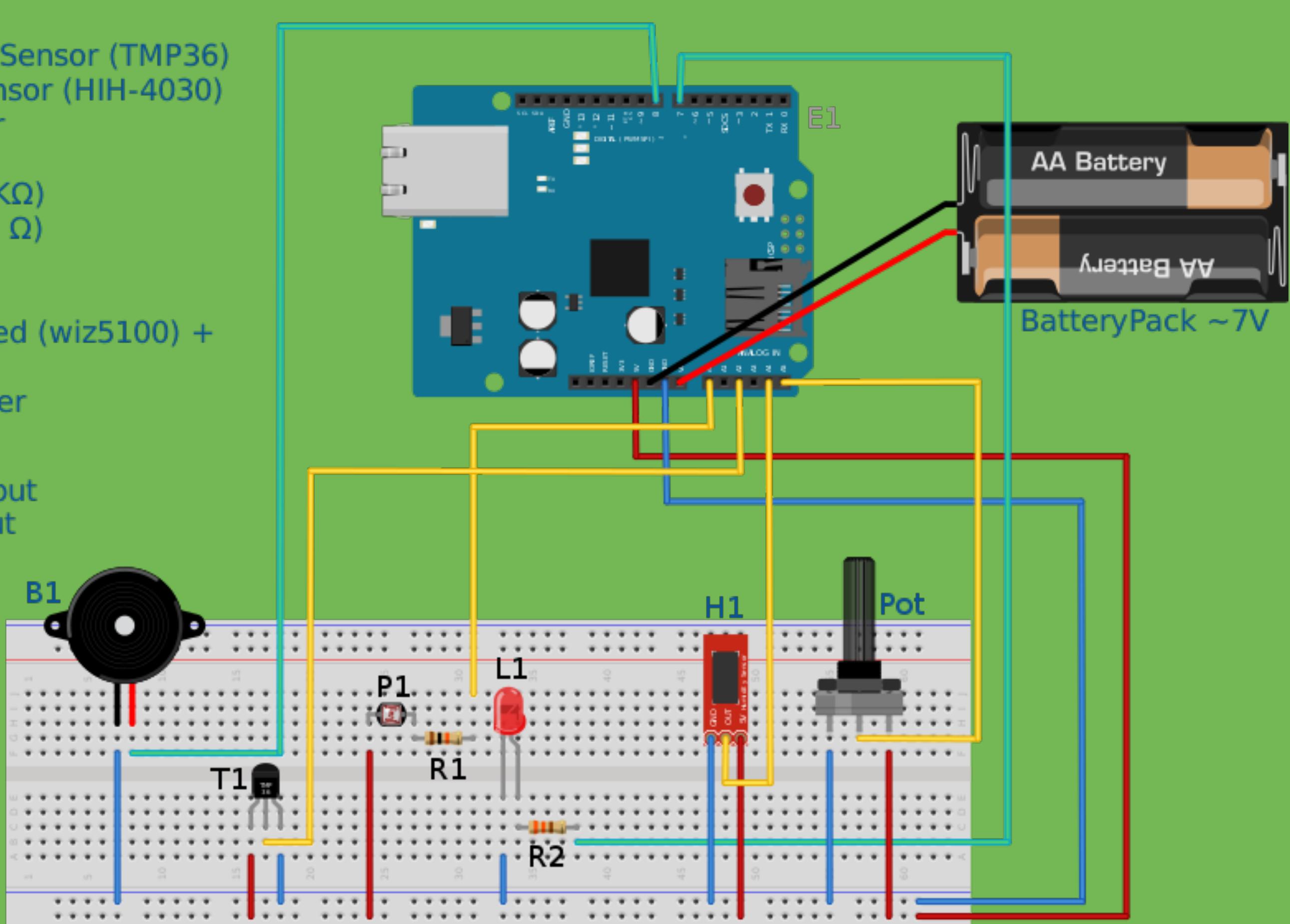
Uses

- Meteorological station
- Safety mechanism(fire alarm)
- Industrial facilities monitoring
- Hospital monitoring(private tweets)

Circuit Diagram

Sensors
T1: Temperature Sensor (TMP36)
H1: Humidity Sensor (HIH-4030)
P1: PhotoResistor
Resistors
R1: Resistor (10 KΩ)
R2: Resistor (330 Ω)
Other
L1: LED red
E1: Ethernet Shiled (wiz5100) +
Arduino Uno
Pot: Potentiometer

Cabling
Digital Output
Analog Input
(-) Ground
(+) 5 Volt



Smart Node Logic Diagram

Temperature

Light

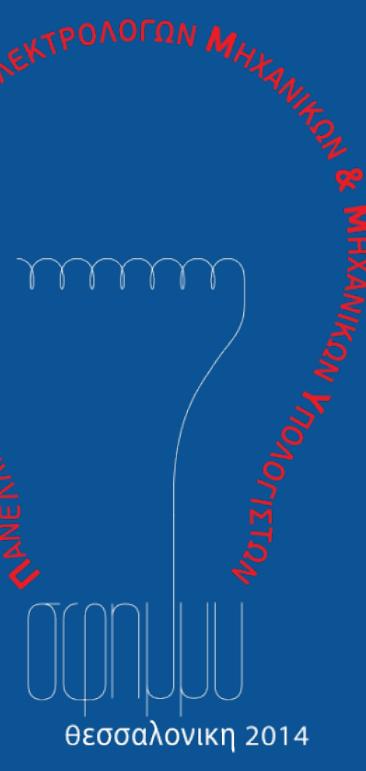
Humidity

Arduino



Vag @Vag_Tas · Jul 17

Station ID: 1, Location KOZANH
Warm today, with 21.12 C.
Full of light (631)
50.00 %RH



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