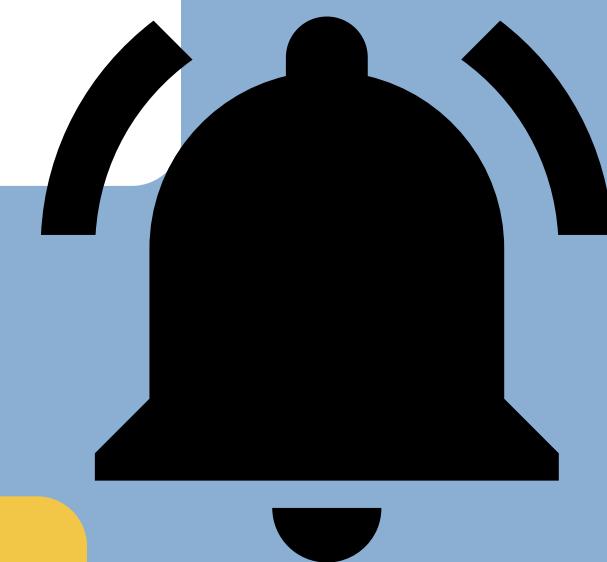


Implementarea unui sistem de alarmă



Betea Adrian Vlad
Bobu Olimpia Miruna

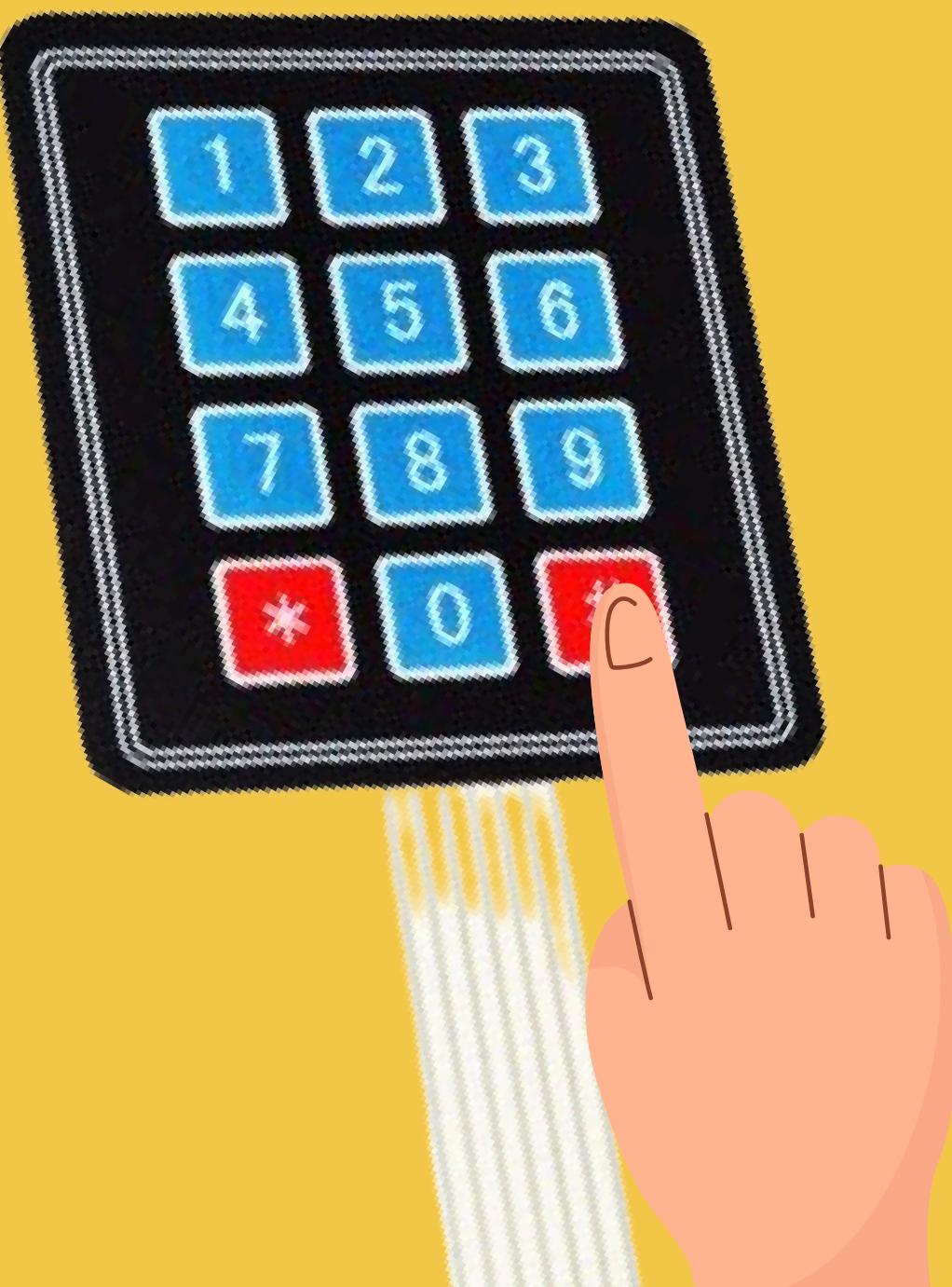


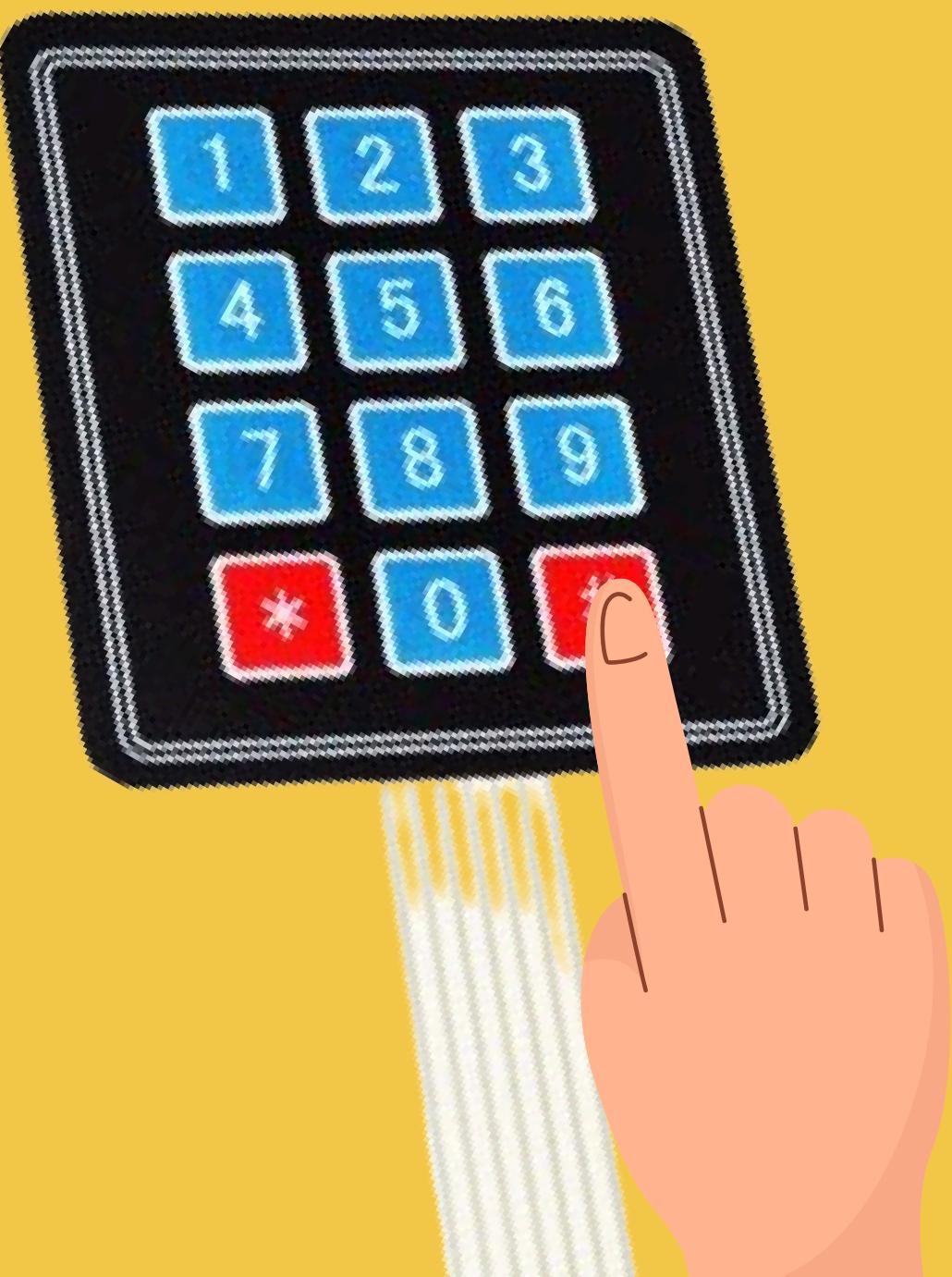






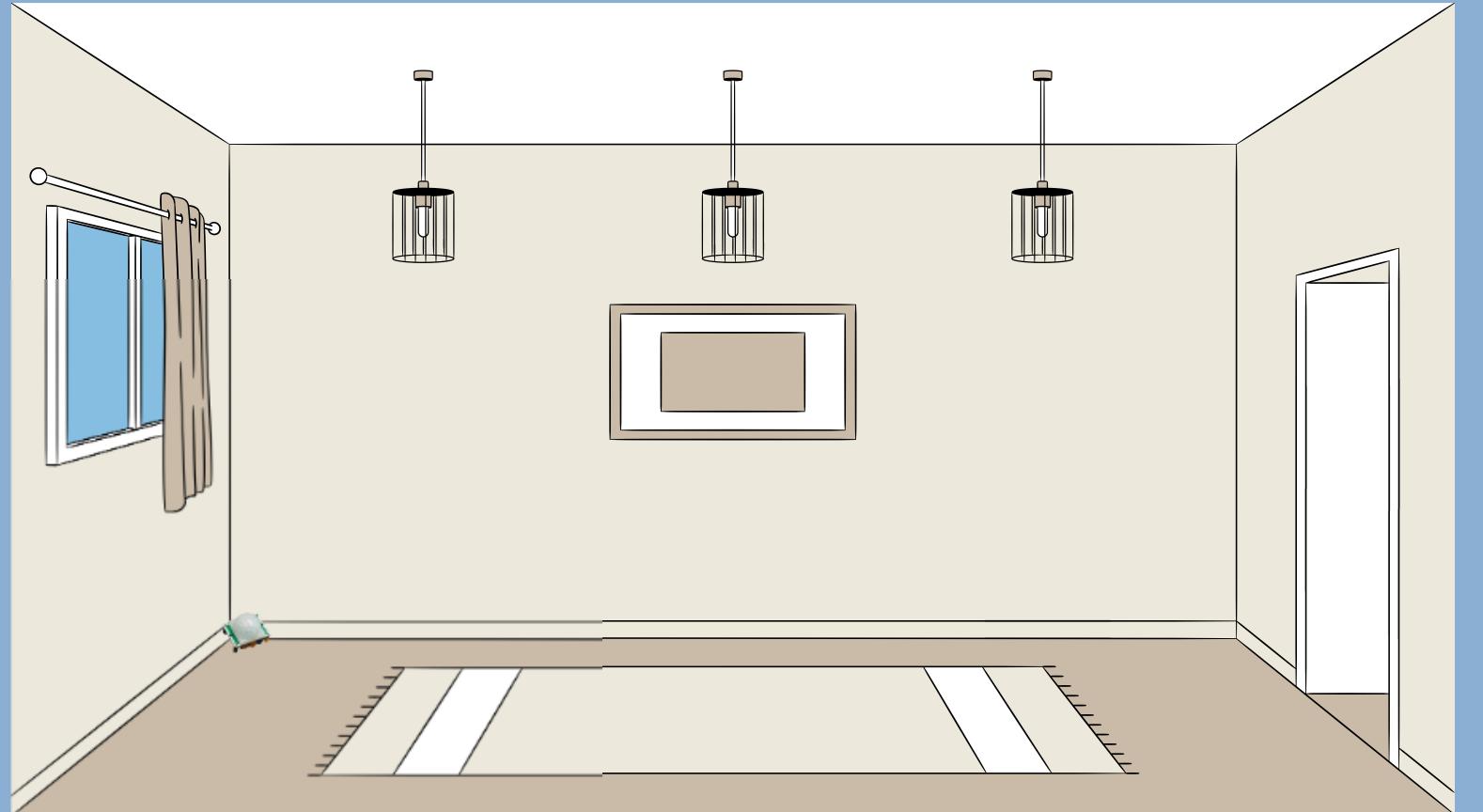


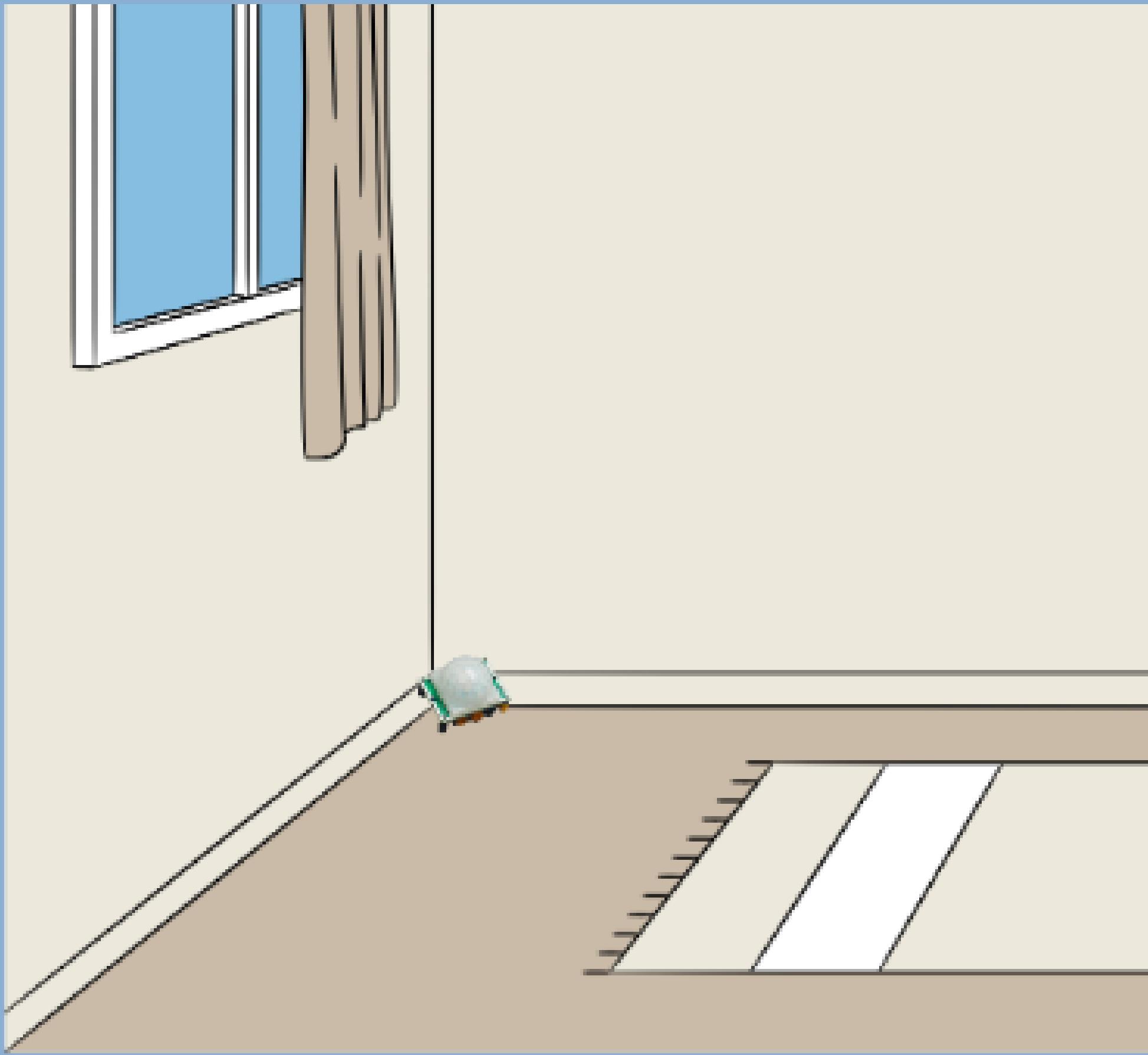


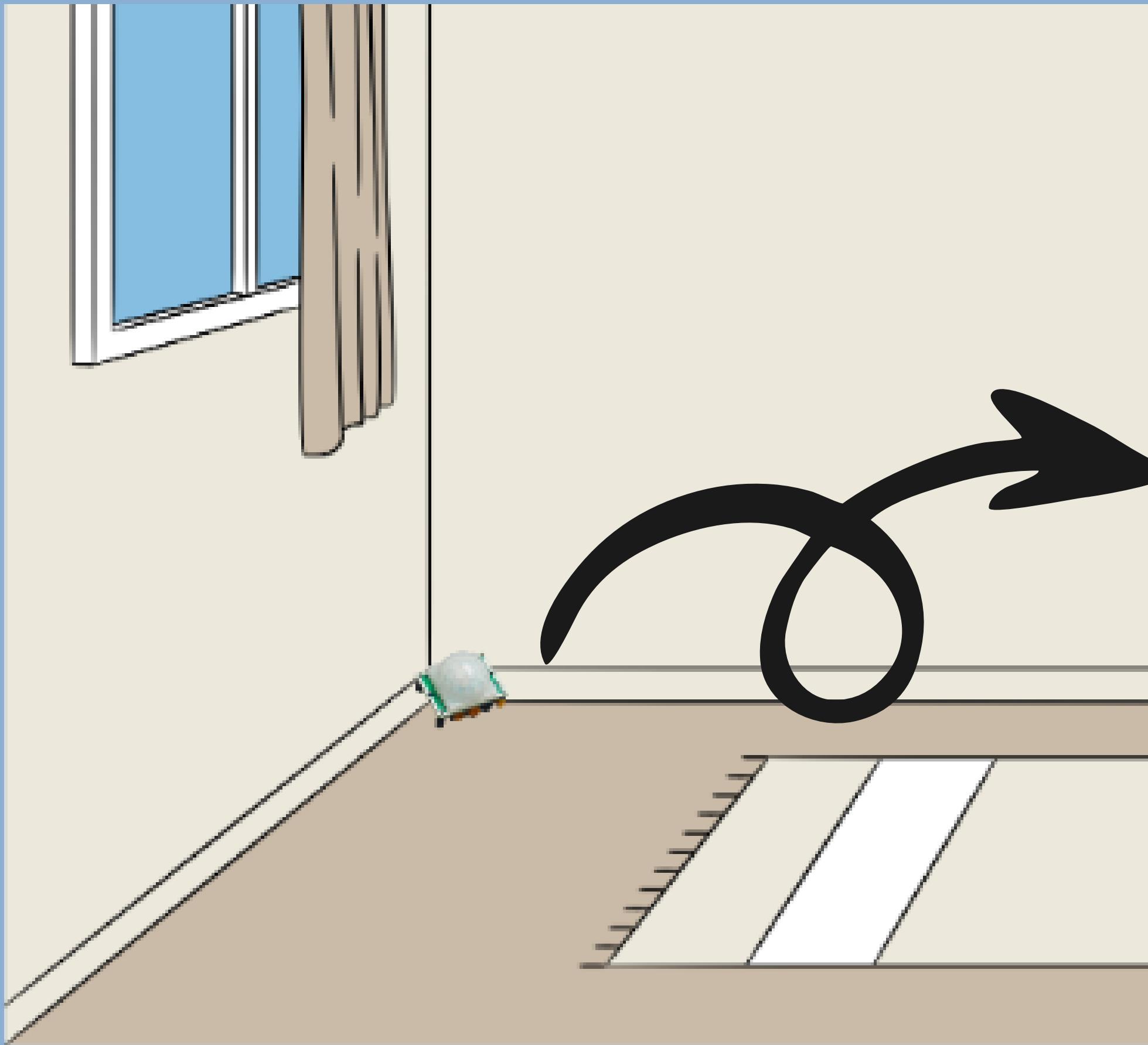


Alarma armata

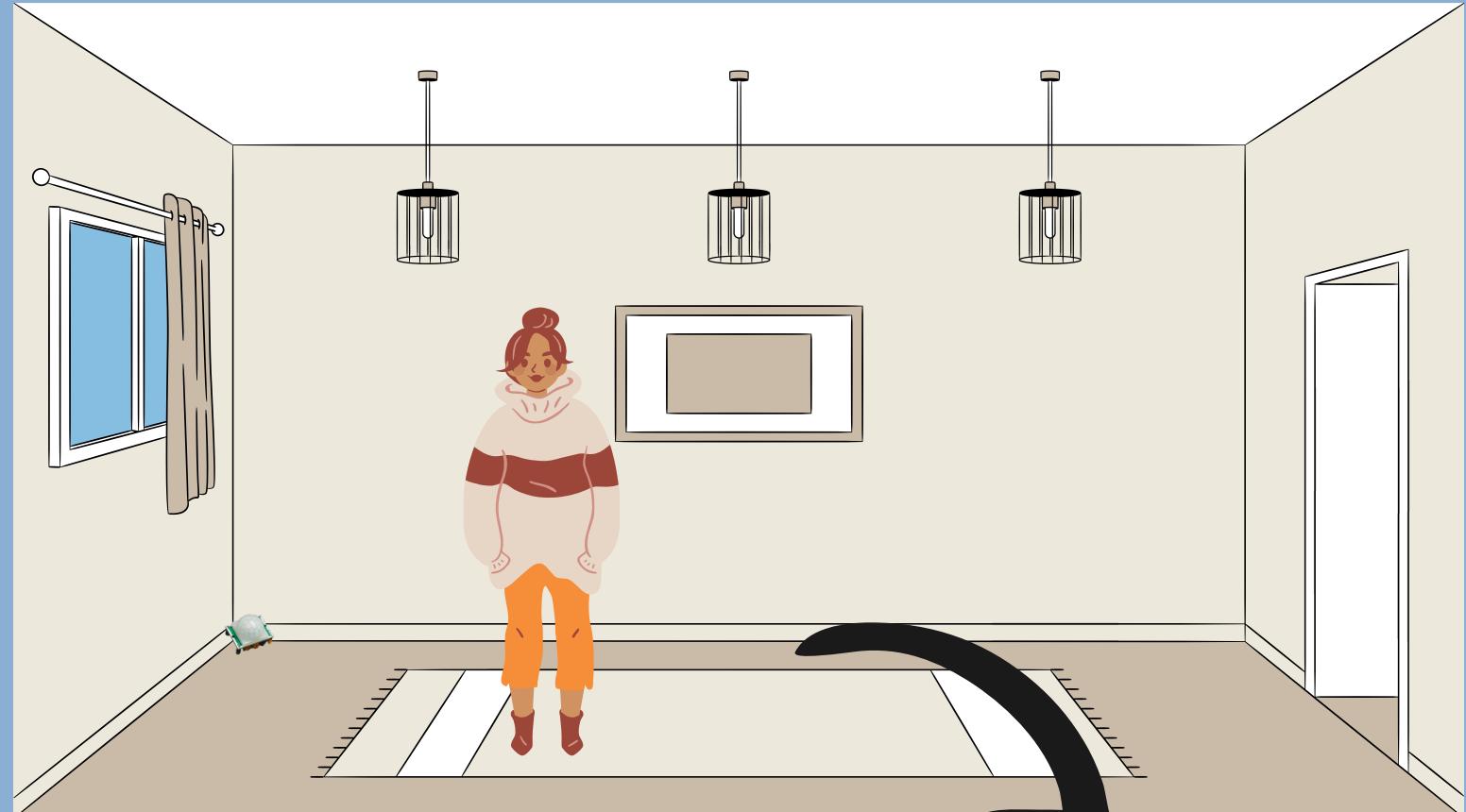




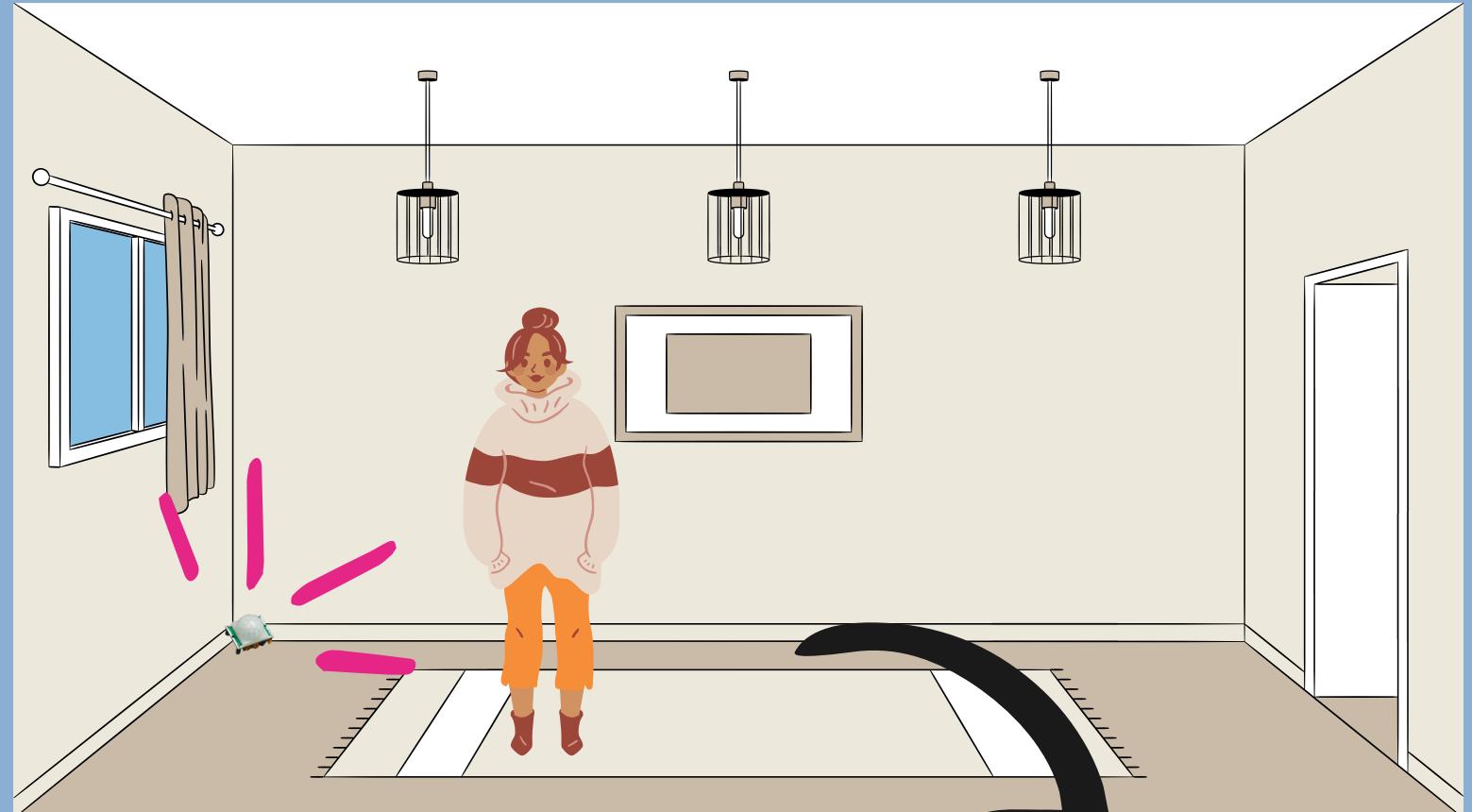




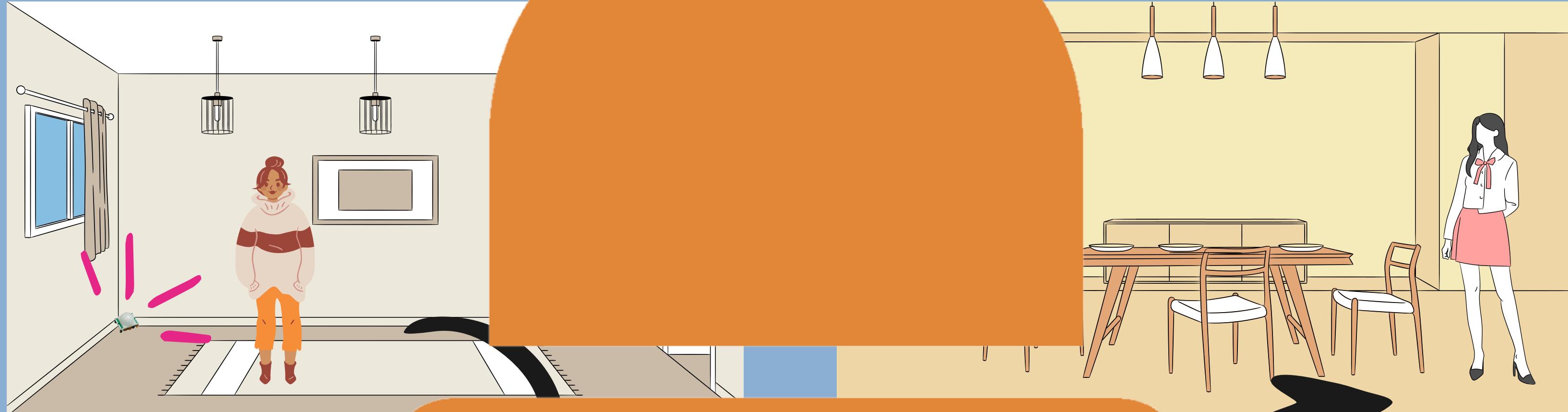
Senzor PIR



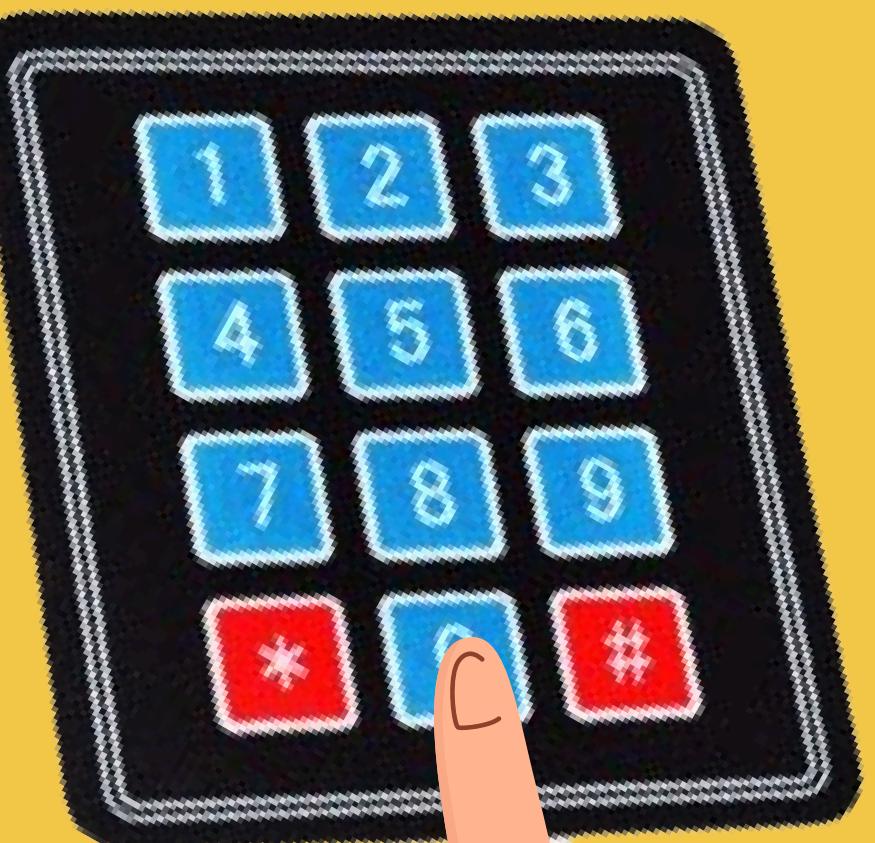
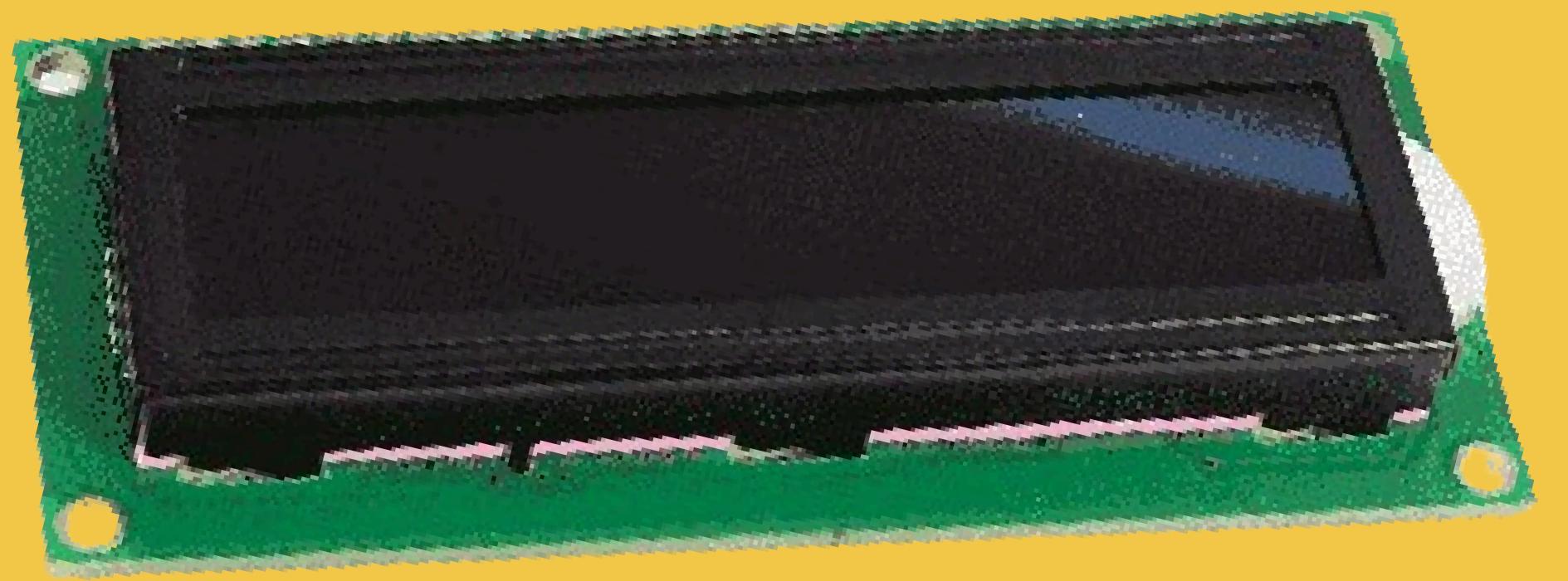
**Persoana
neidentificata**

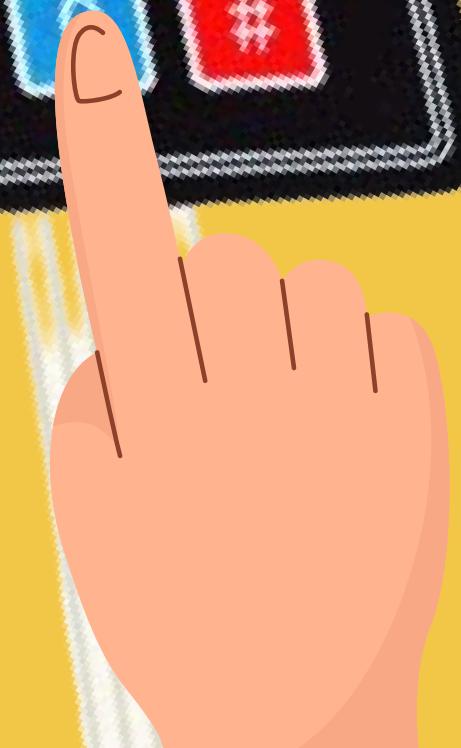


**Persoana
neidentificata**

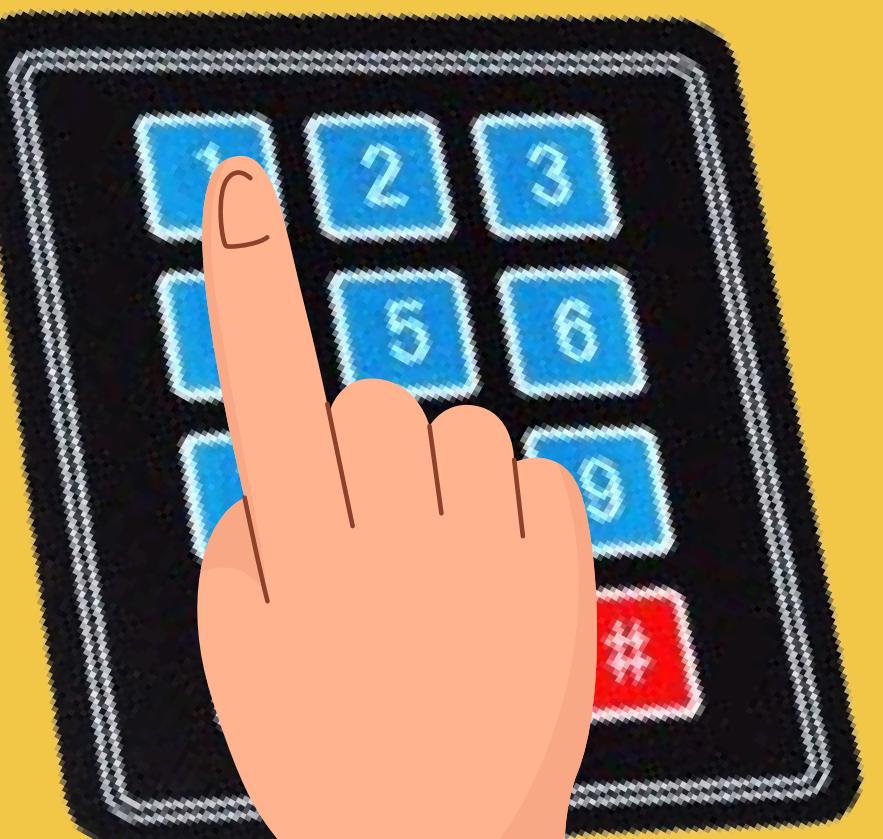


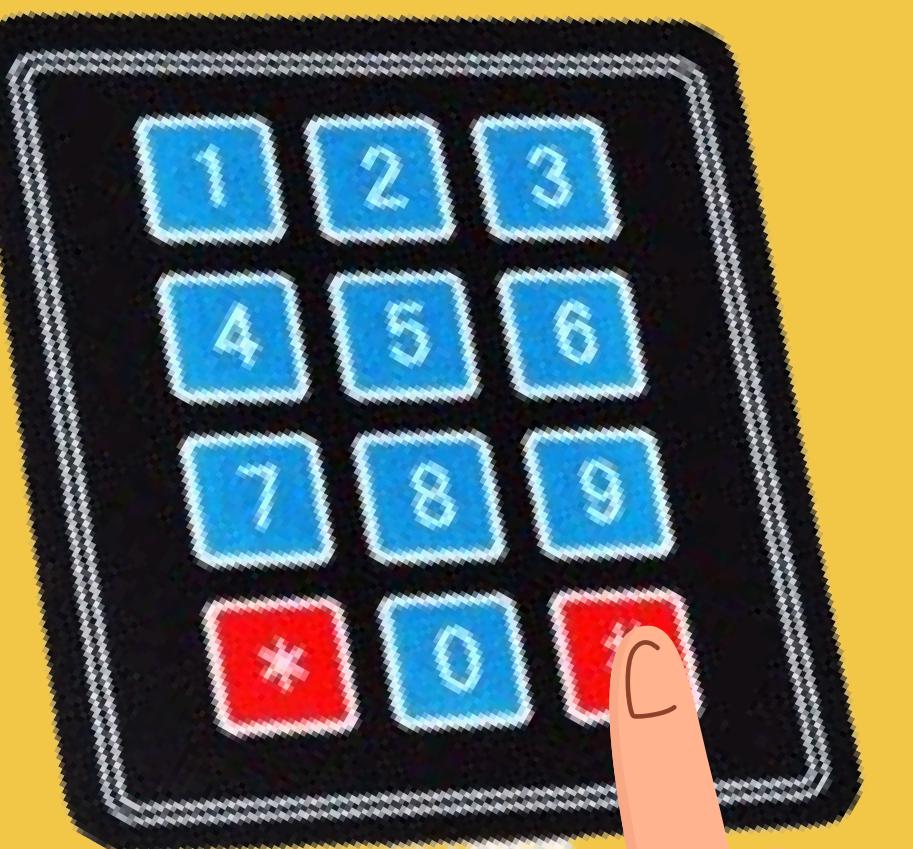
**Persona
neidentificata**

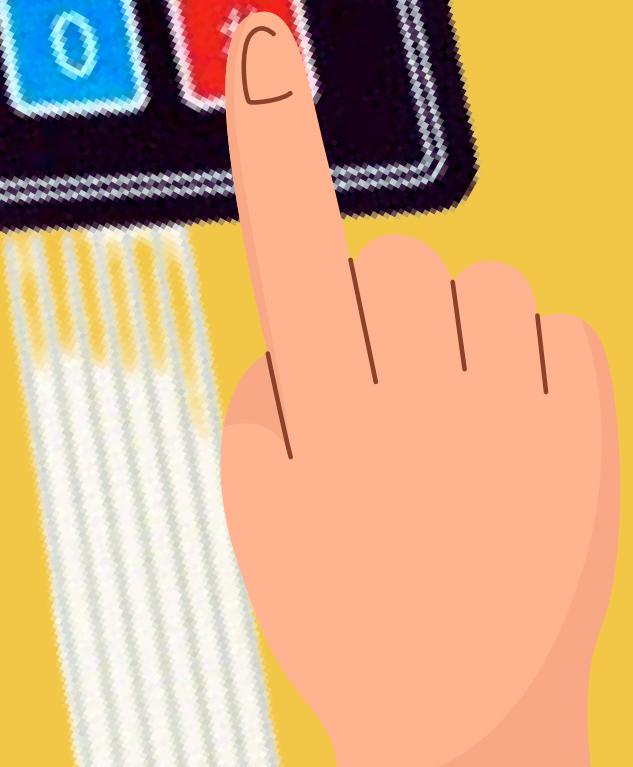
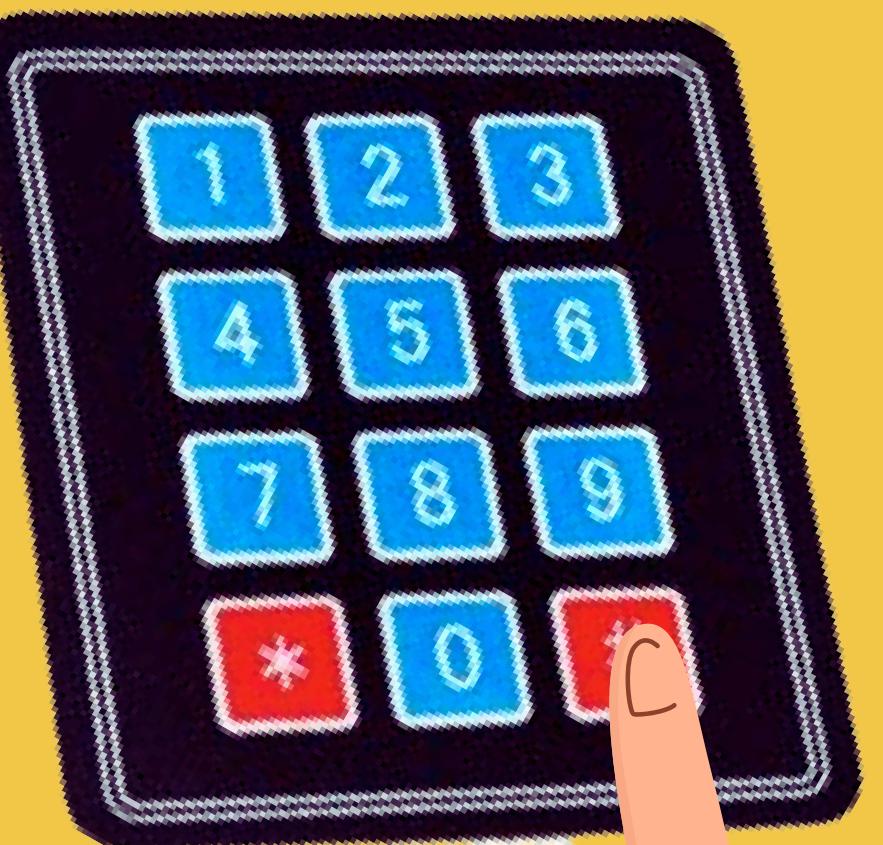


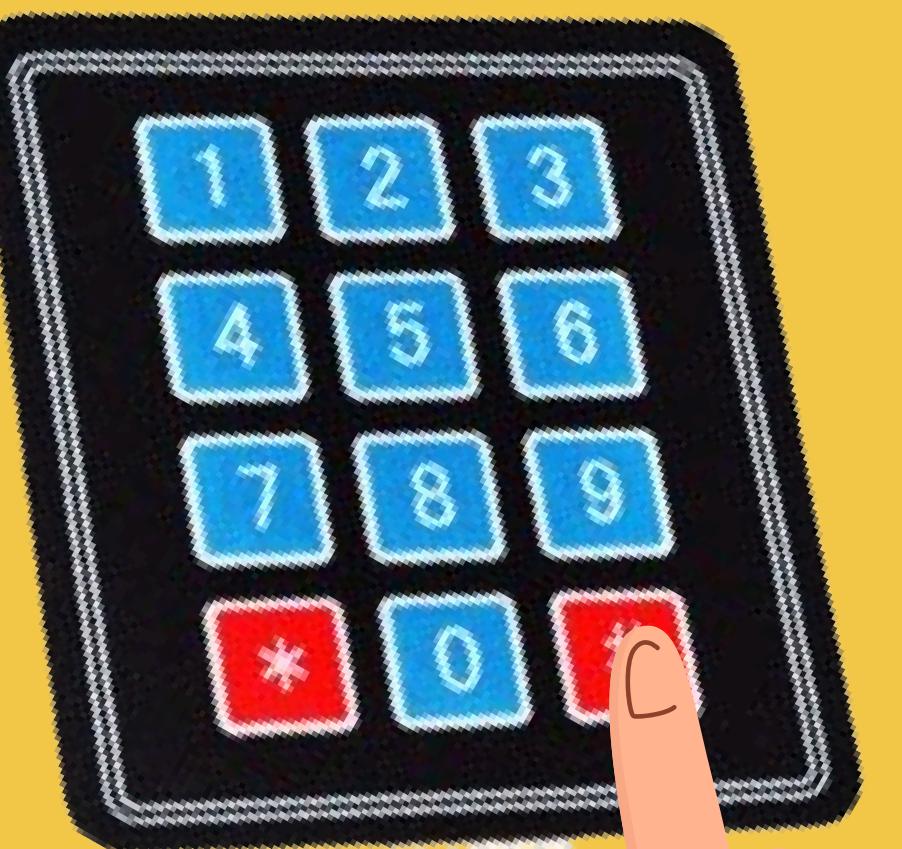


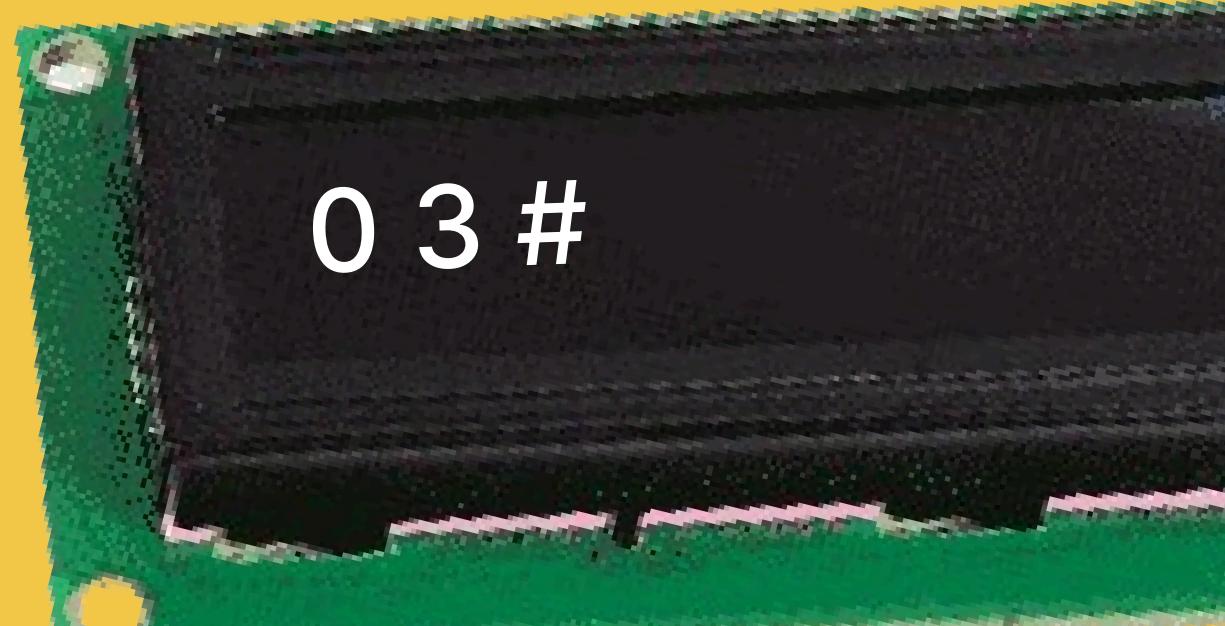




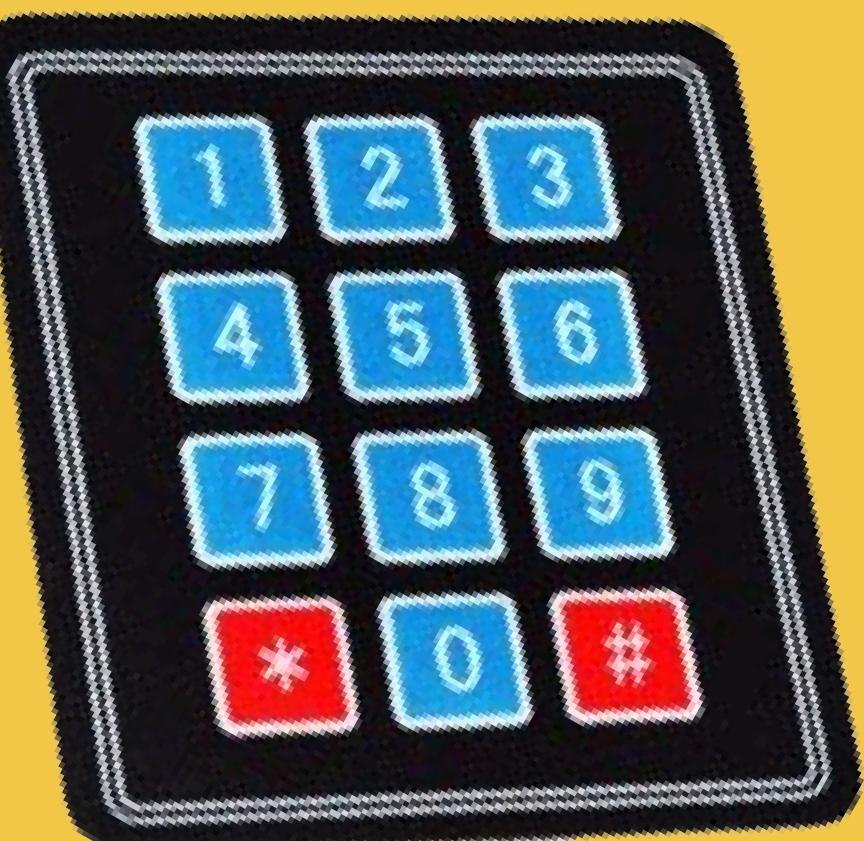




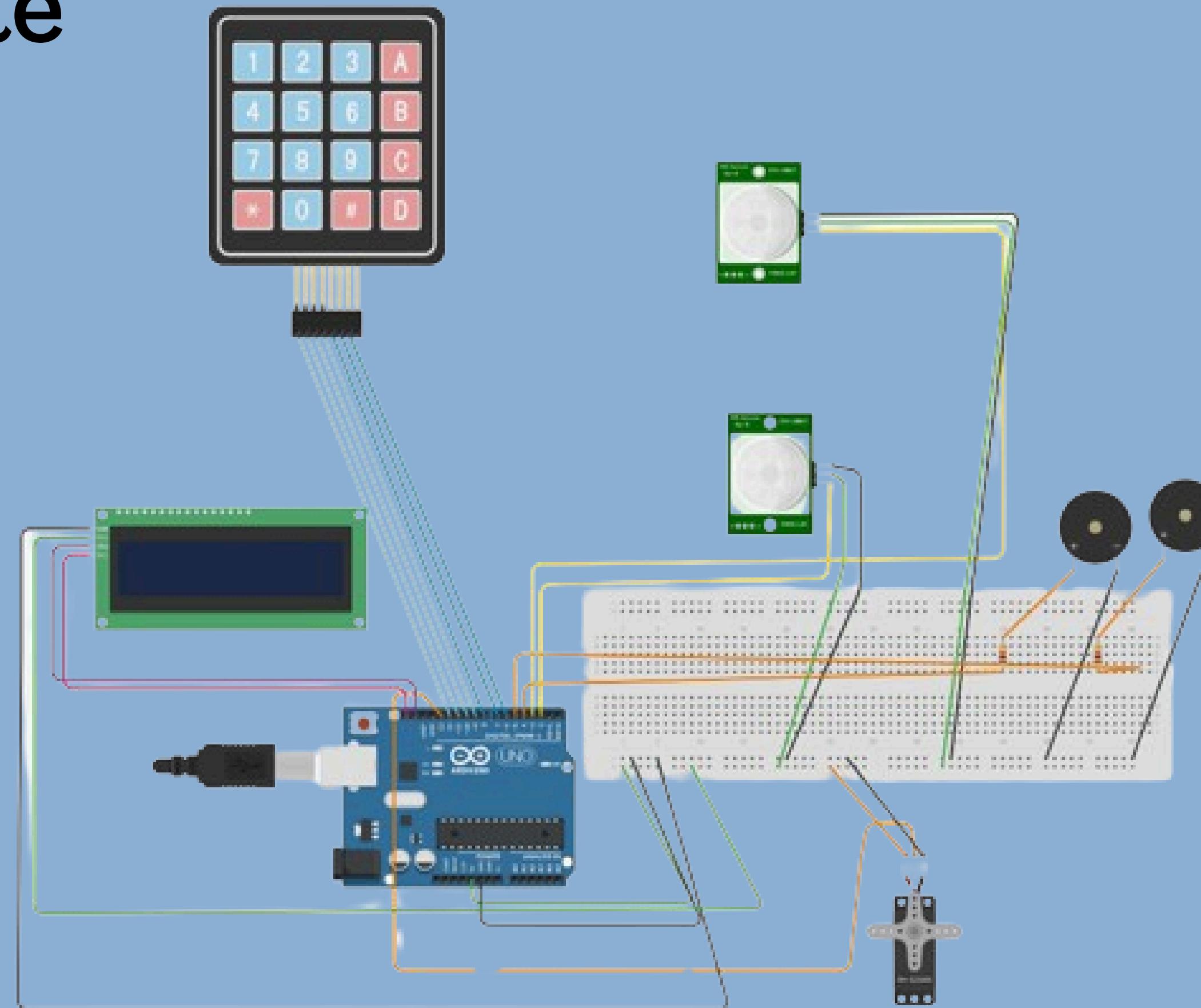




Alarma dezarmata



Componente



Componente

I2C LCD Display

Arduino (Nano)

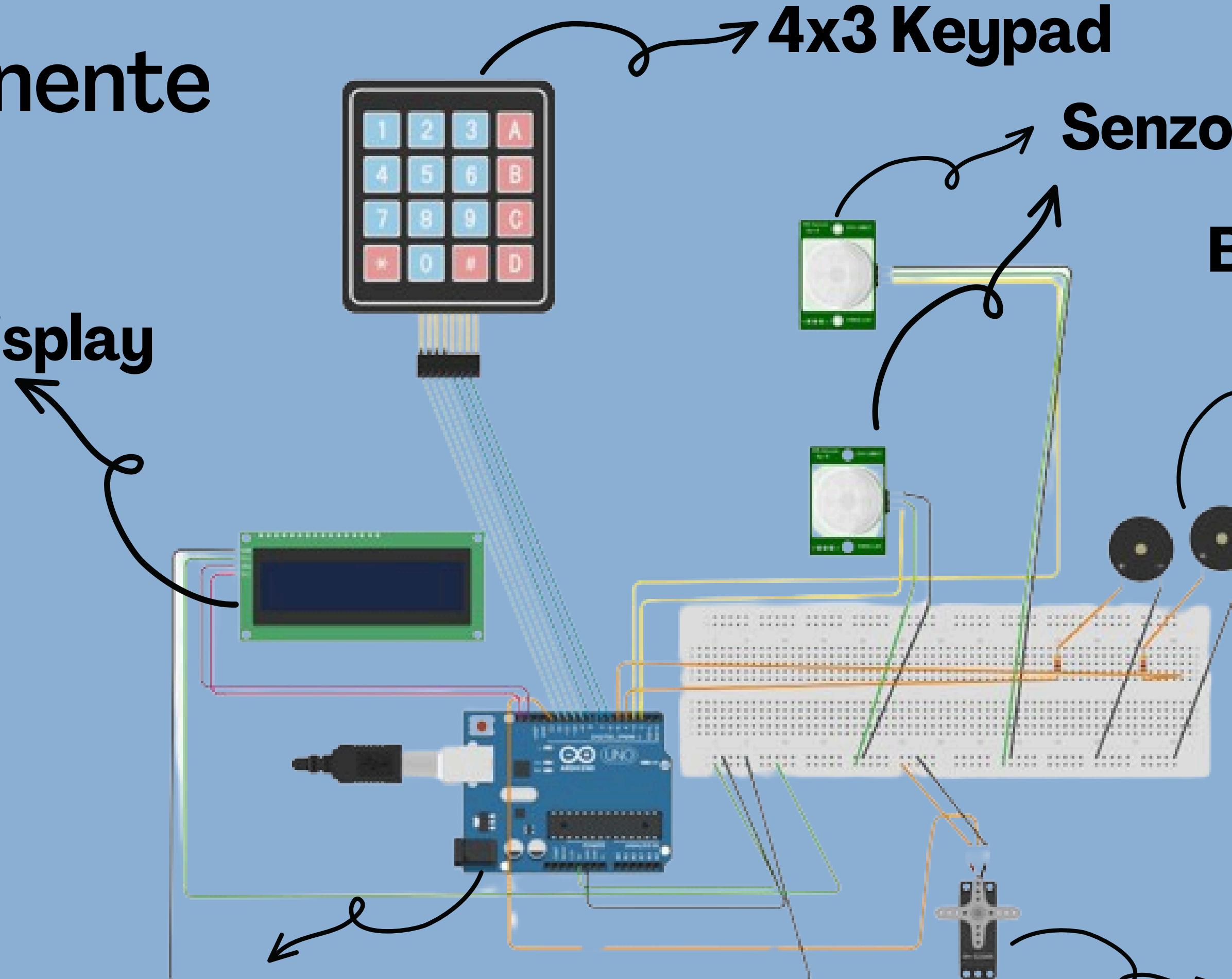


→ 4x3 Keypad

Senzori PIR

Buzzer

Servomotor





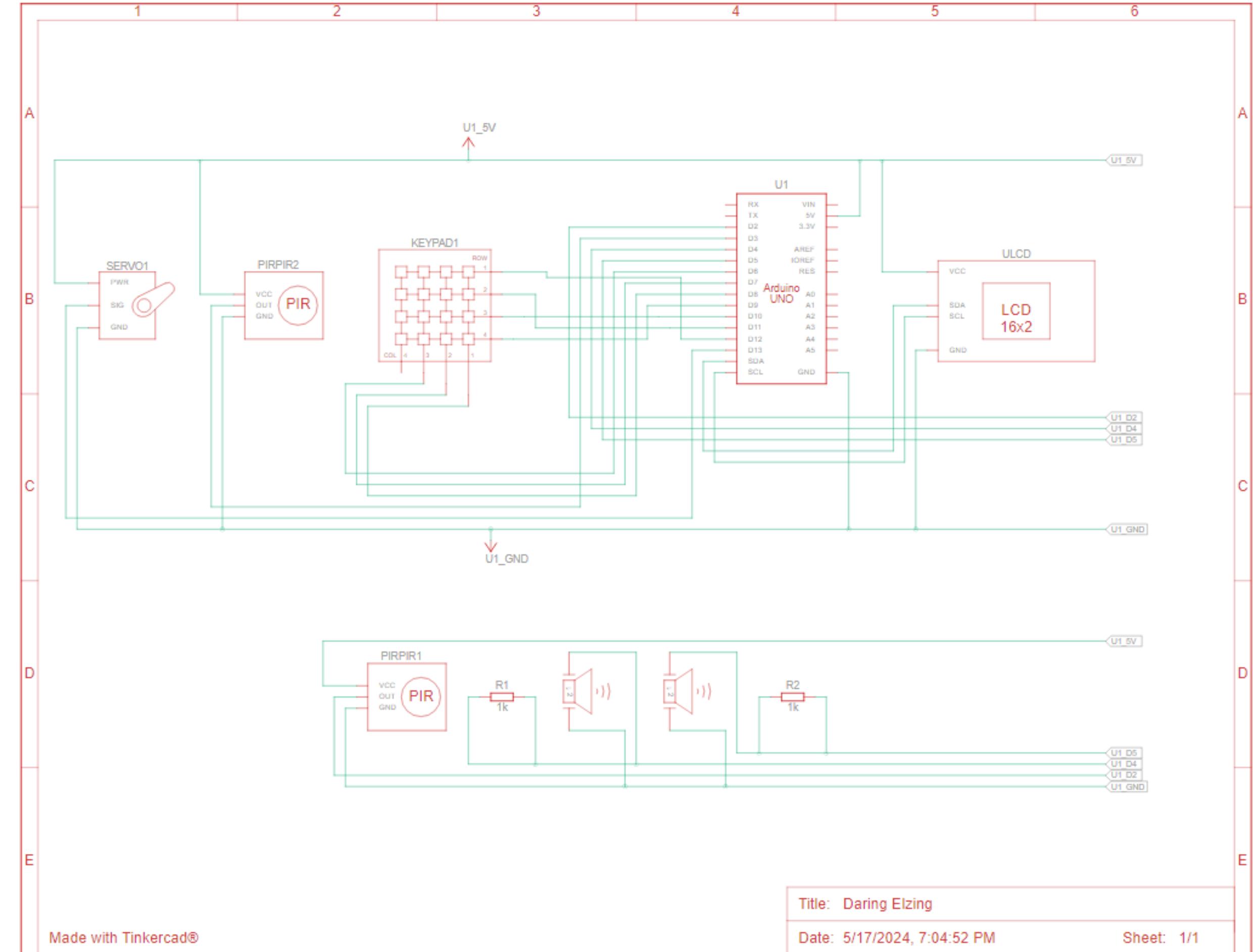
Arhitectura Hardware

Arhitectura Hardware

Arhitectura Software

Arhitectura Hardware

Arhitectura Hardware

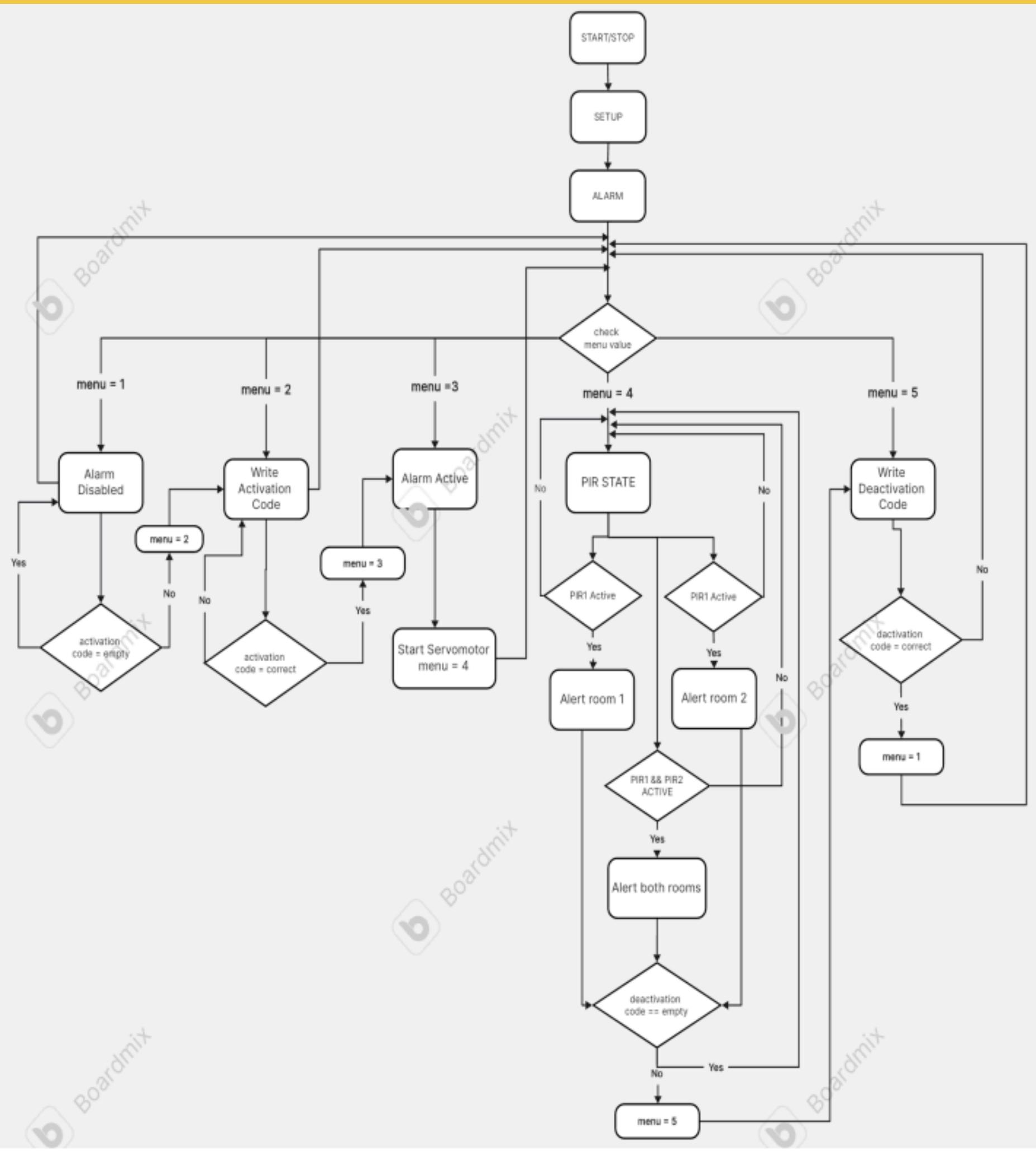


Arhitectura Hardware

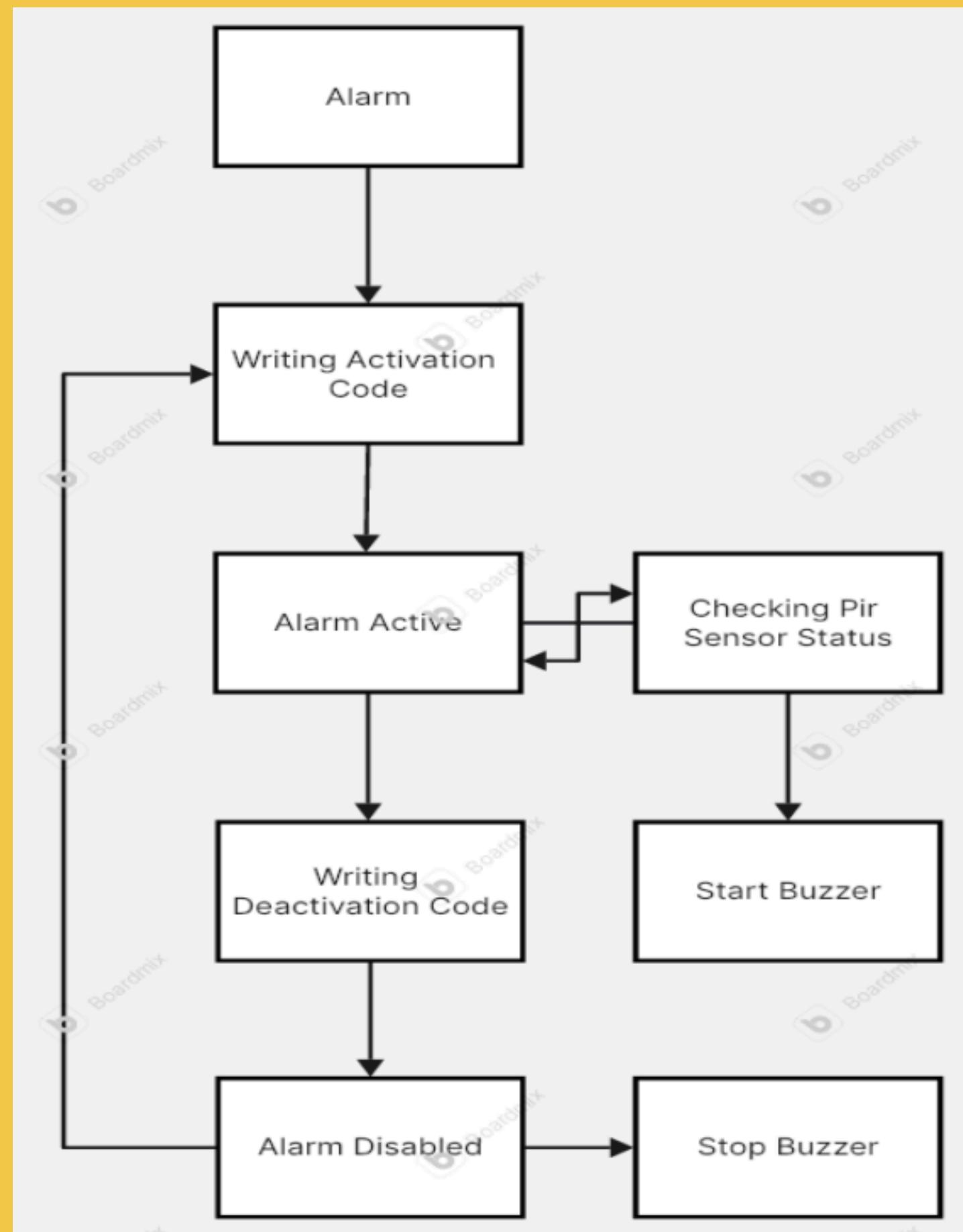
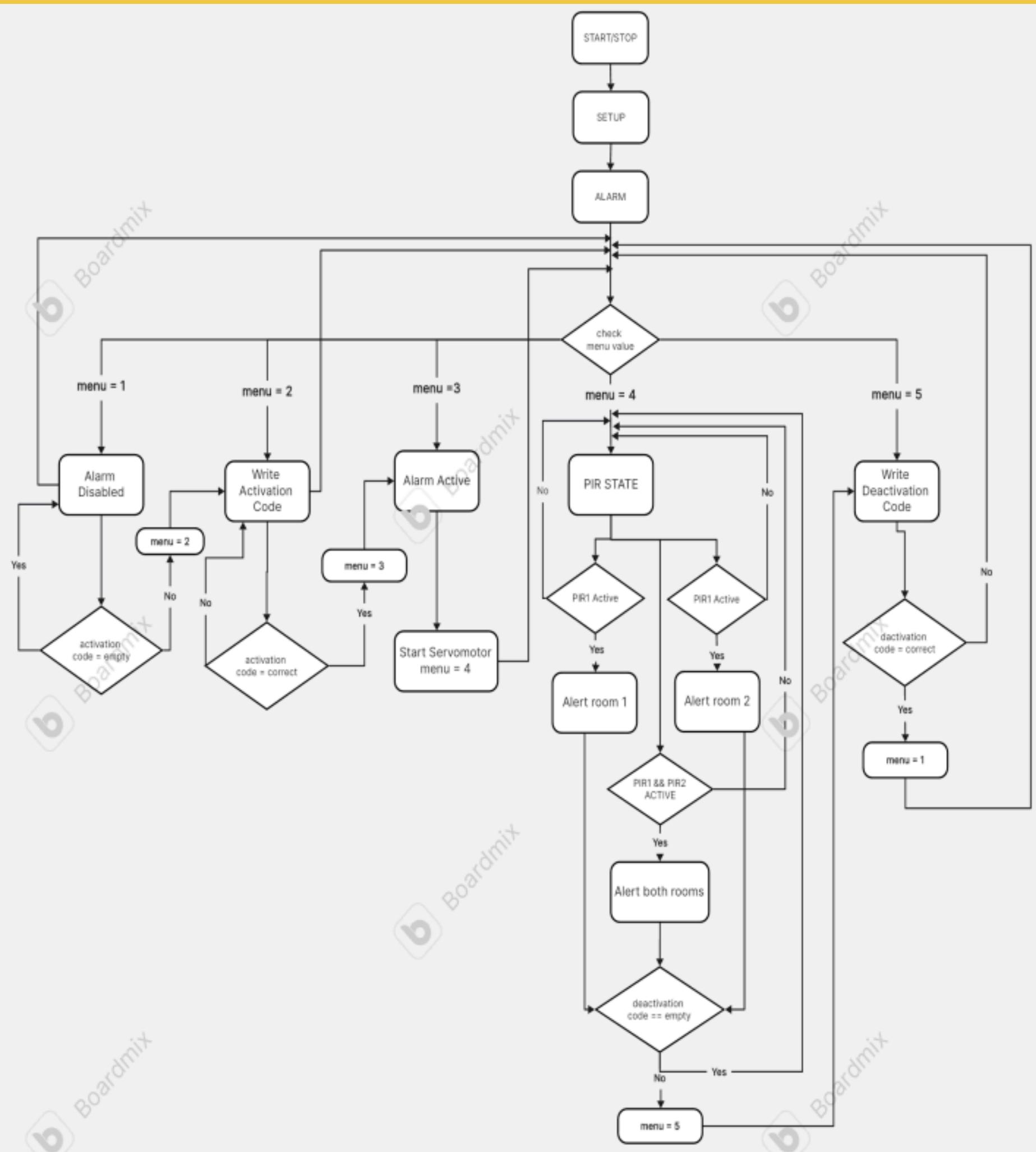
Arhitectura Hardware

Arhitectura Software

Arhitectura Software



Arhitectura Software



Bibliografie

Arduino Nano

<https://docs.arduino.cc/hardware/nano/#tech-specs>

4x3 Keypad

<https://lastminuteengineers.com/arduino-keypad-tutorial/>

LCD Display

https://projecthub.arduino.cc/arduino_uno_guy/i2c-liquid-crystal-displays-5eb615

Buzzer

<https://www.arduino.cc/reference/en/libraries/buzzer/>

PIR Sensor

<https://cdn-learn.adafruit.com/downloads/pdf/pir-passive-infrared-proximitymotion-sensor.pdf>

Servomotor

<https://docs.arduino.cc/learn/electronics/servo-motors/>