

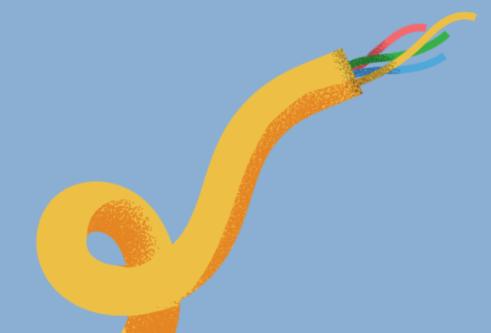


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IOT BASED TOUCH MONITORING

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Introduction

Homes are exposed to attempted assaults and thefts, which leaves the homeowner constantly worried and in need of providing a security system for his home.

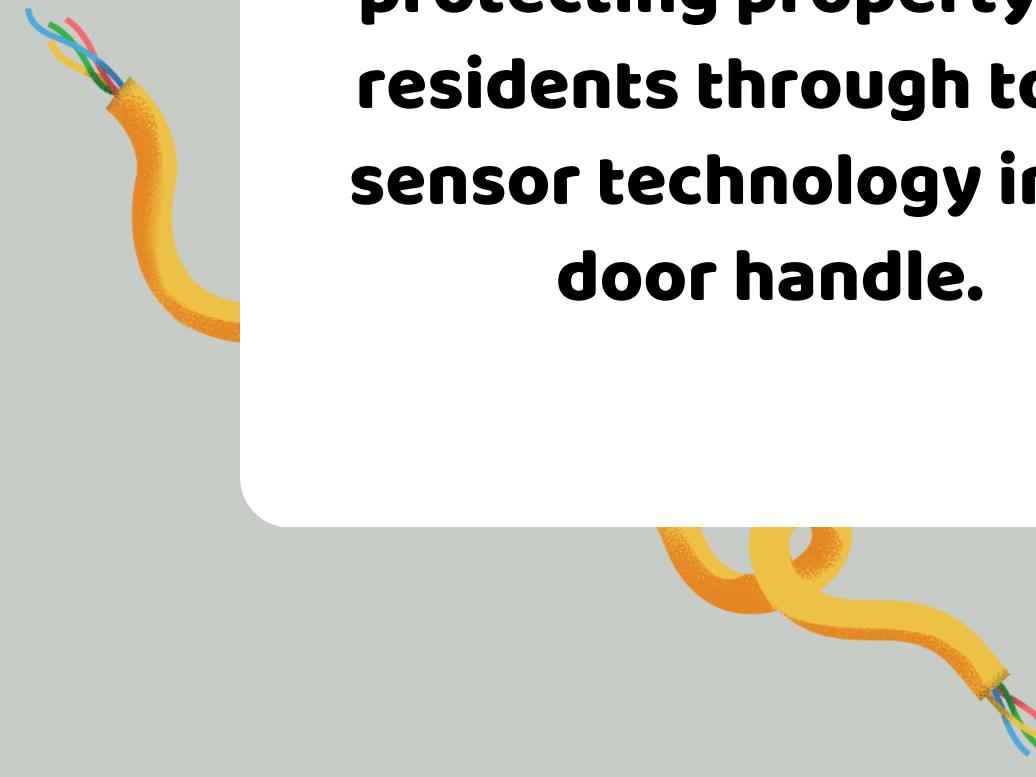
Our project is a system to protect the home in the event of unauthorized intrusion. Using technology, a sensor is placed on the door handle that detects any attempt to open the door by sending an alert notification to the homeowner when someone tries to touch the door handle.

This is an advanced home security system designed to provide a high level of protection and security.

Problem statement

Home invasion and unauthorized entry pose significant risks to the safety and security of individuals and their households. Traditional home security systems often rely on alarms and surveillance cameras, which may not provide immediate protection when an intruder attempts to breach the front door.

Objective



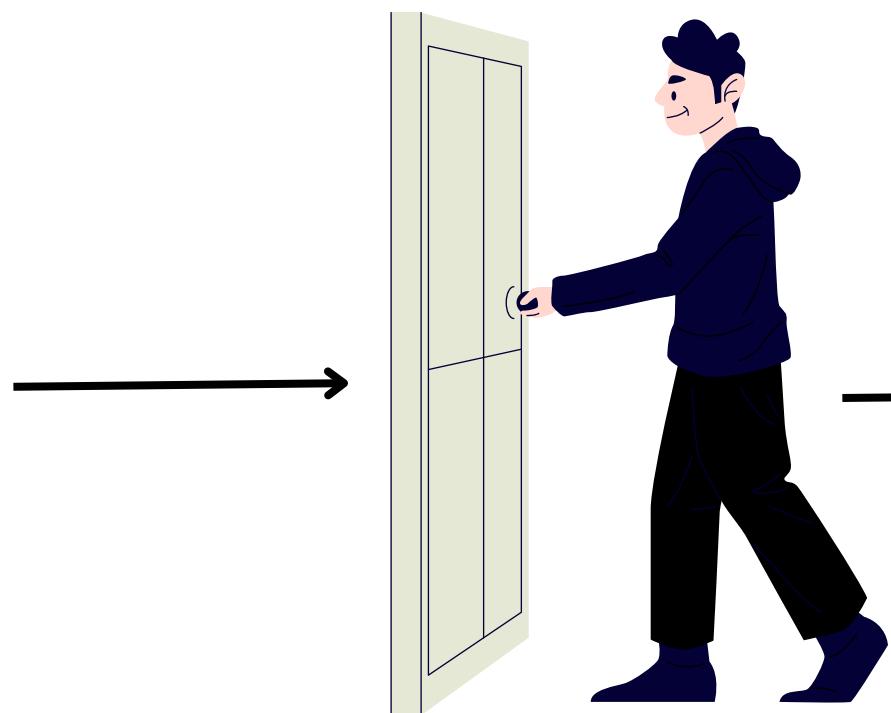
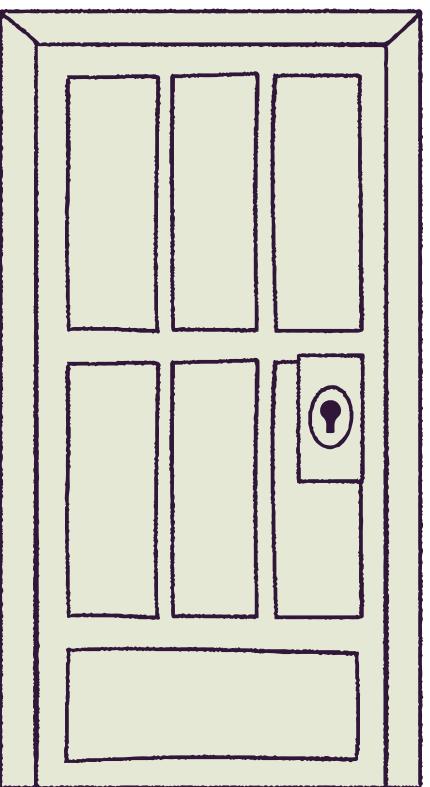
- Enhancing security and protecting property and residents through touch sensor technology in the door handle.

- Alert the person when an unauthorized person attempts to open the door by send a notification.



- Provide a real-time intrusion detection system that prevents unwanted entry.

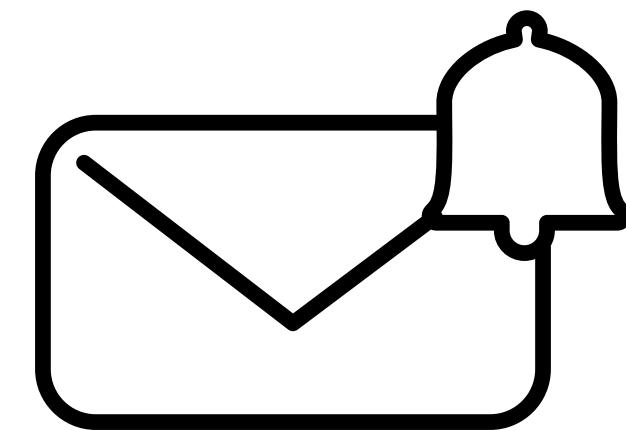
Suggested Solution



An attempt by a thief to open the door.



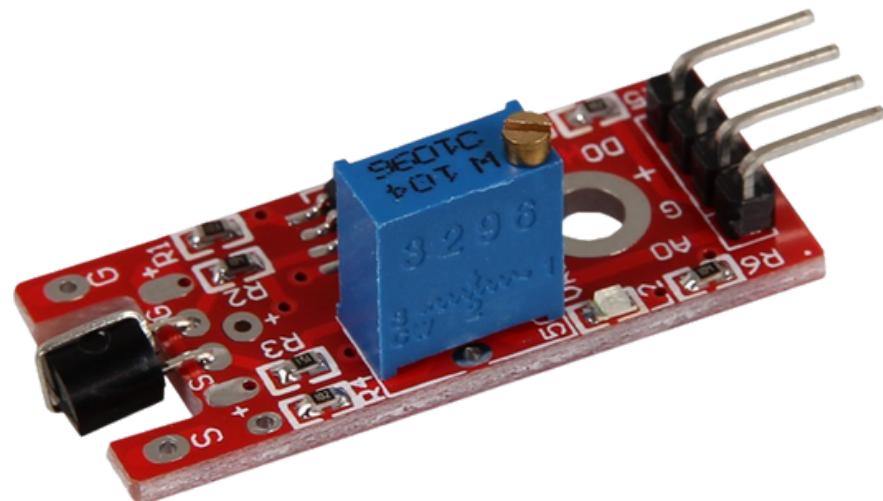
Check for unauthorized touching of the door handle.



Send notice to the homeowner of an unauthorized entry attempt.

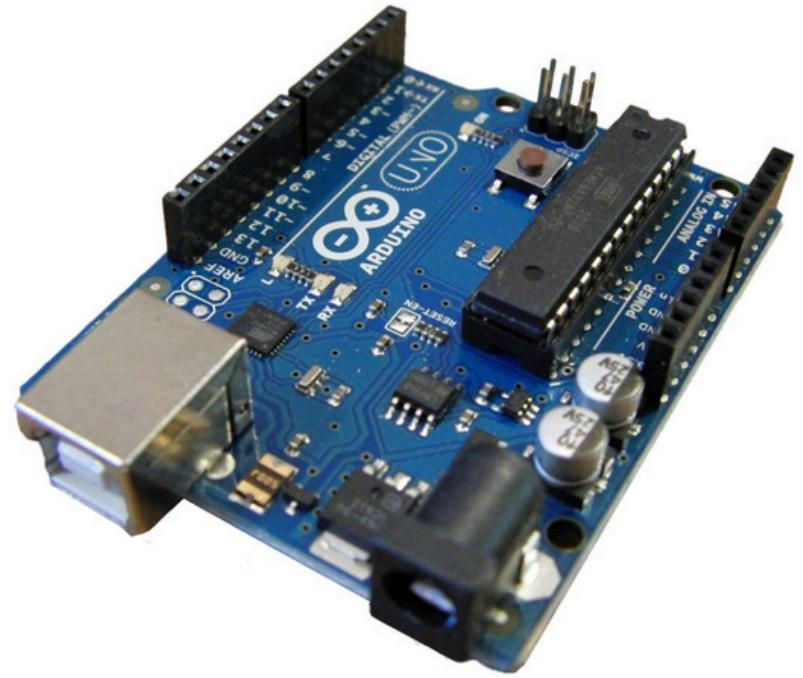
Components

1



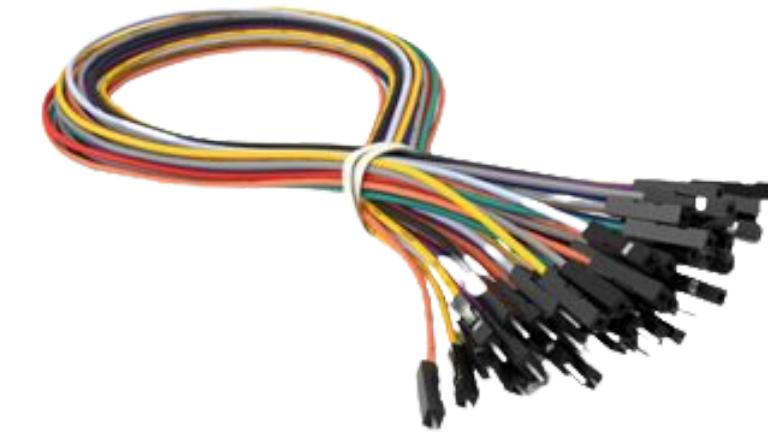
**KY-036
TOUCH**

2



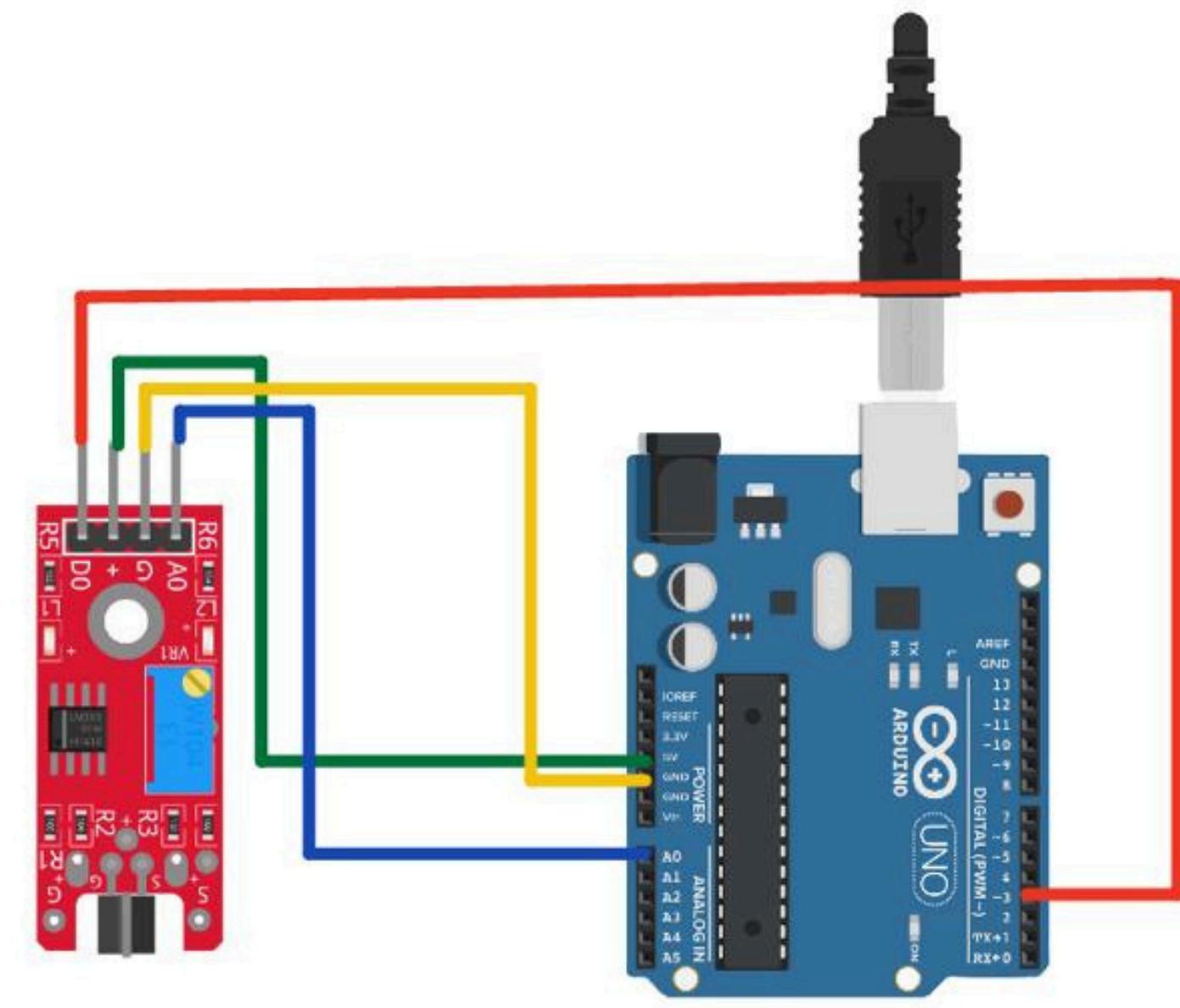
Arduino Uno board

3



Jumber wires

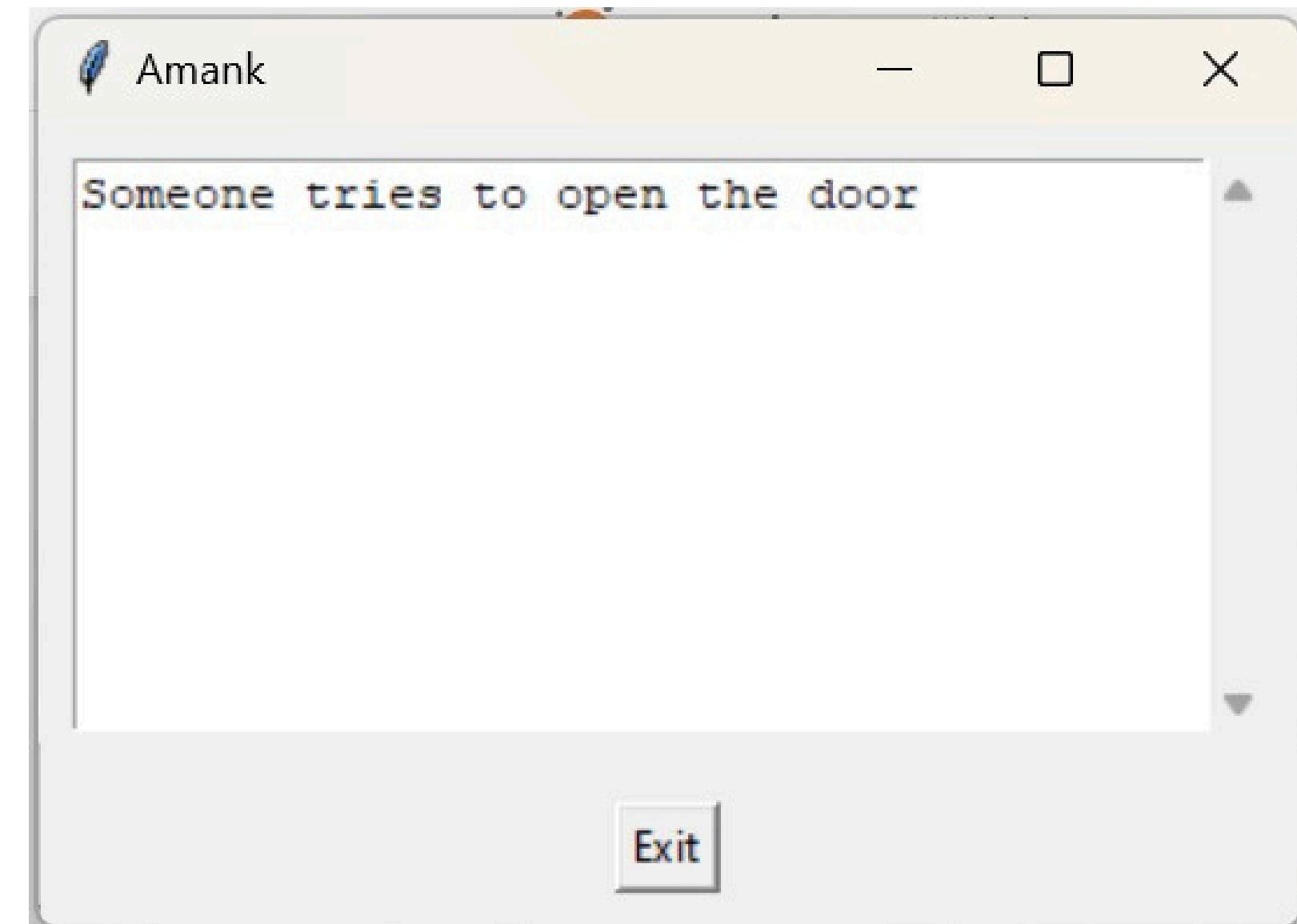
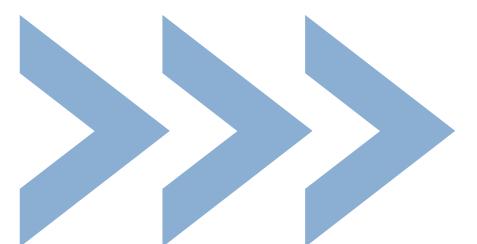
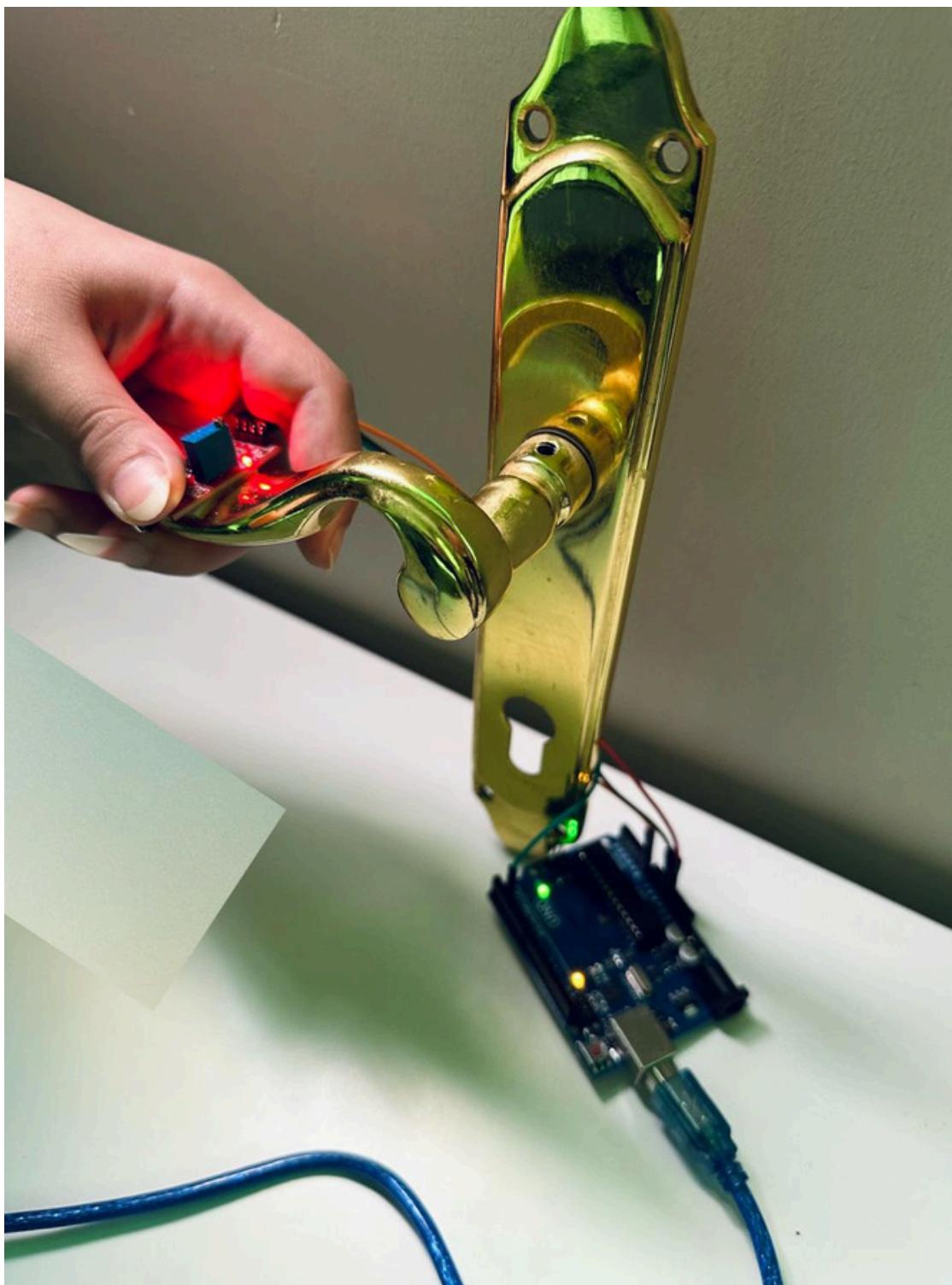
Tools - Sensors



Implementation



Work





Thank You