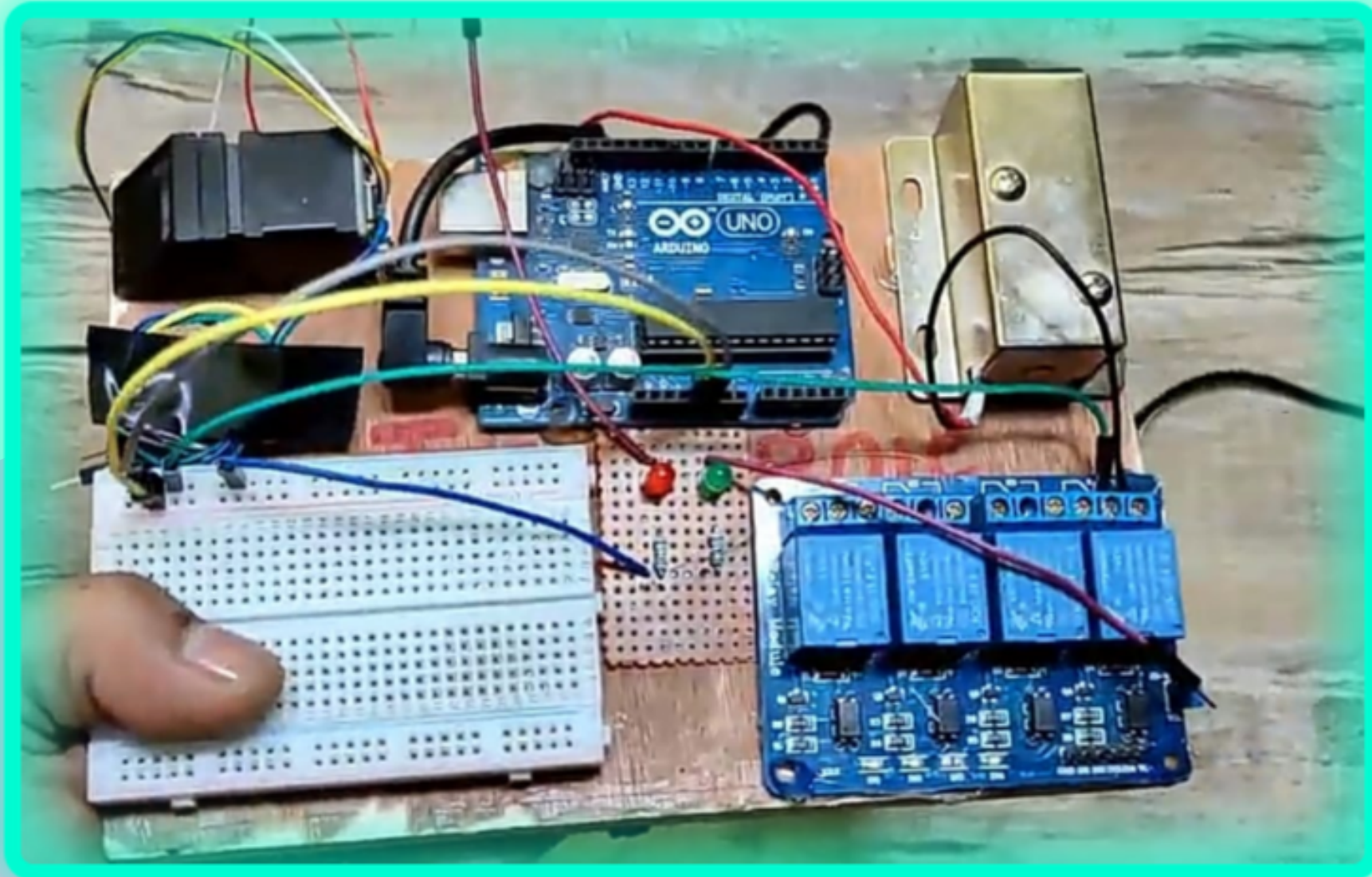
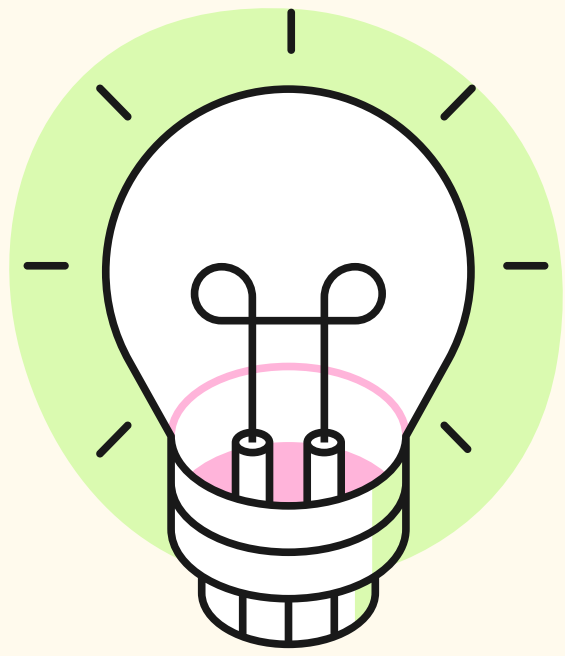


# WHY DO YOU NEED A FINGERPRINT CYCLE LOCK

Problems with Traditional locks

- inefficient
- what if I Forget password
- keys lost
- Safety issues
- multiple locks could be opened from only one key  
(demonstrated by one of our members)





# OUR SOLUTION

## FINGERPRINT CYCLE LOCK

- EFFICIENT
- ELEGANT
- SAFE (AS BIOMETRIC ID IS UNIQUE FOR ONE)
- FAST
- KINDA GOOD LOOKING
- LOOKS COOL (UNLIKE YOU)

# COMPONENTS

## ARDUINO UNO

Arduino UNO is a microcontroller board based on the ATmega328P.



## SOLENOID LOCK

The solenoid lock denotes a latch for electrical locking and unlocking



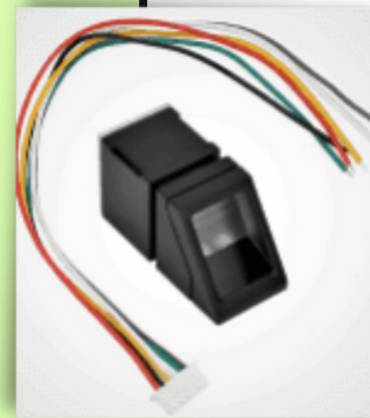
## RELAY MODULE

Electrical switch that is operated by an electromagnet



## FINGERPRINT SENSOR(R30E)

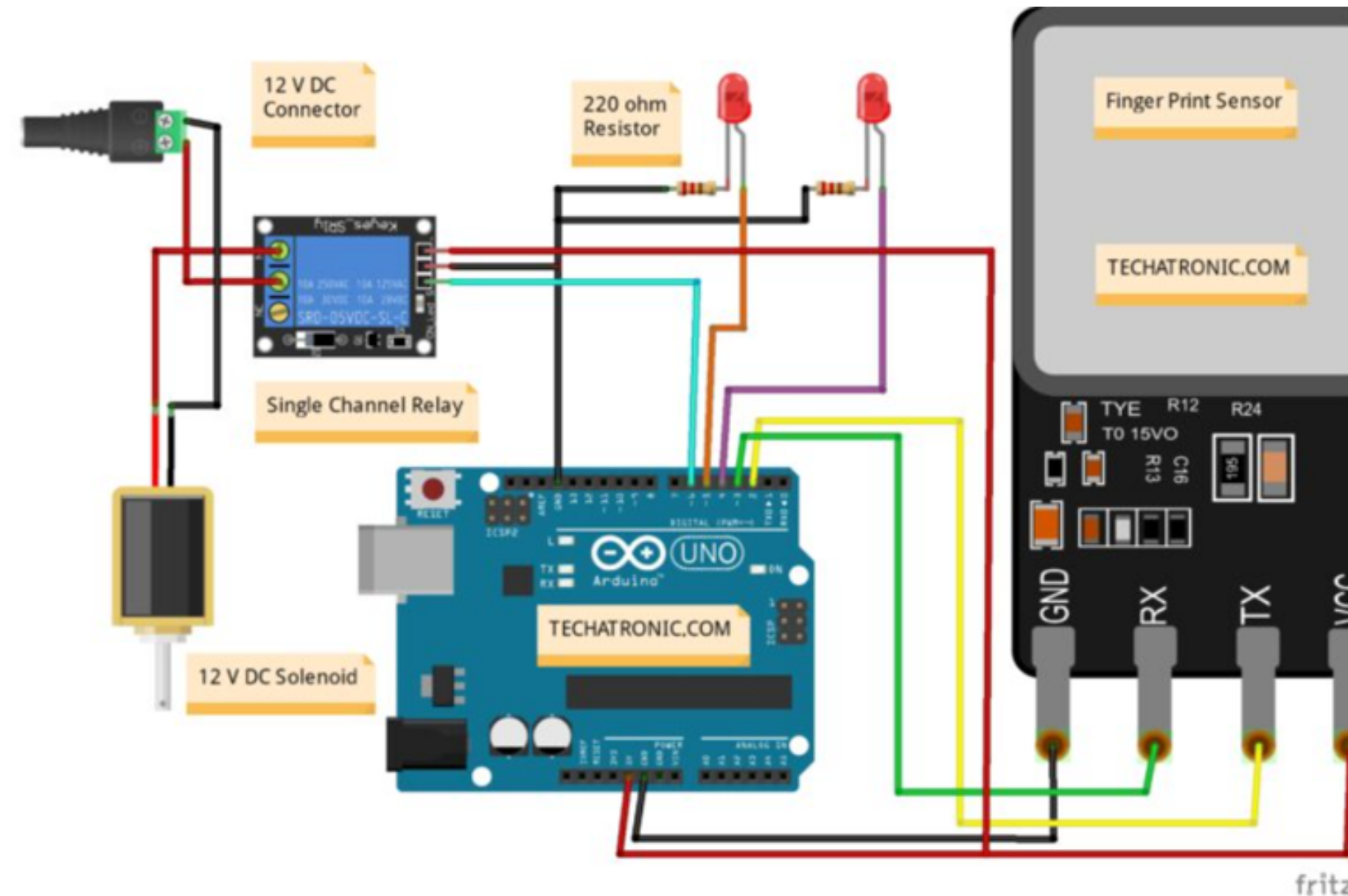
Fingerprint Scanners are used for recognizing and authenticating the fingerprint of an individual





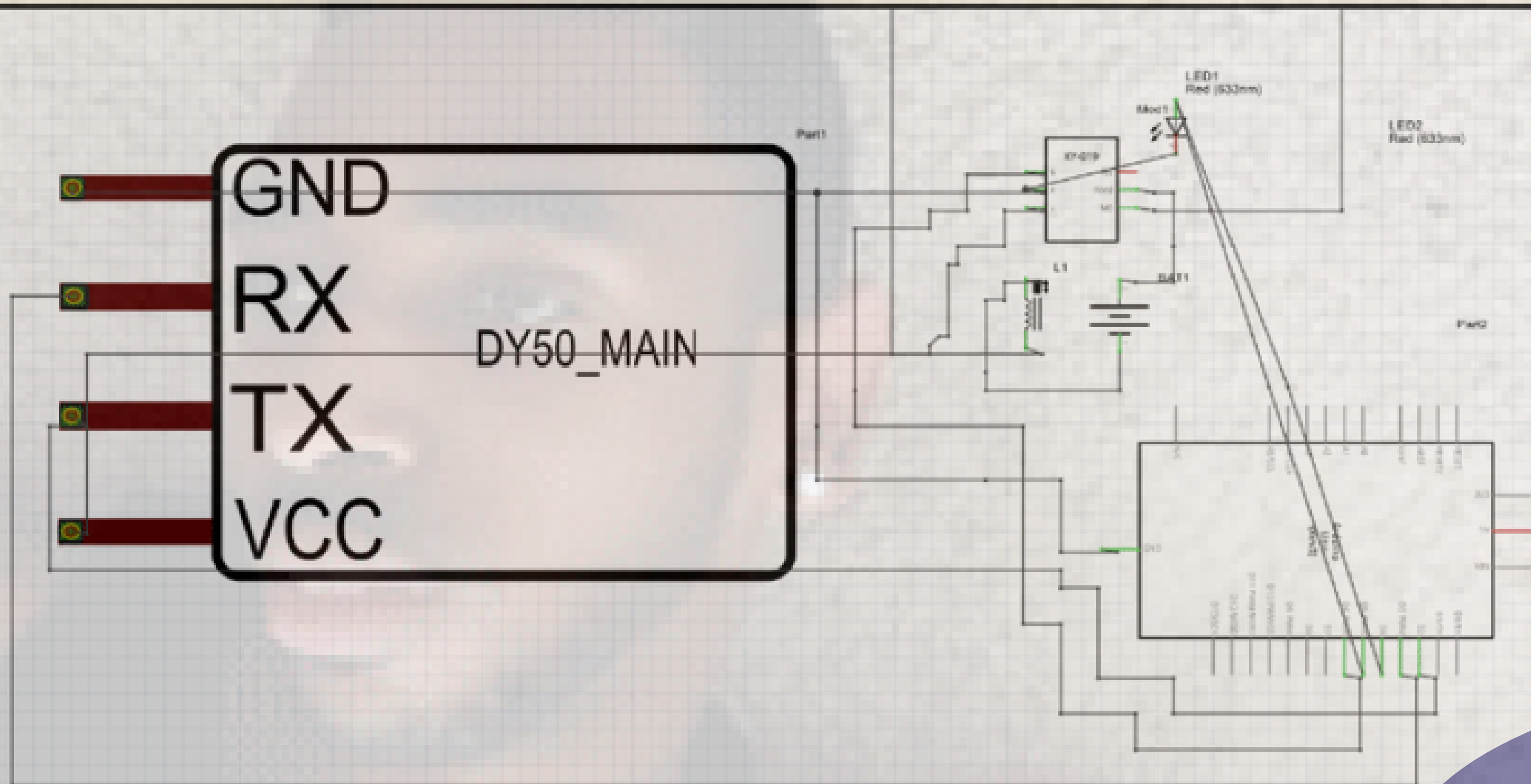
So things gets a little ahh....tricky here

## CIRCUIT DIAGRAM





# SCHEMATIC CIRCUIT



# HOW IT IS GOOD FOR YOU (BELIEVE US IT IS)

## SAFE

biometric identity is unique for an individual

## FAST

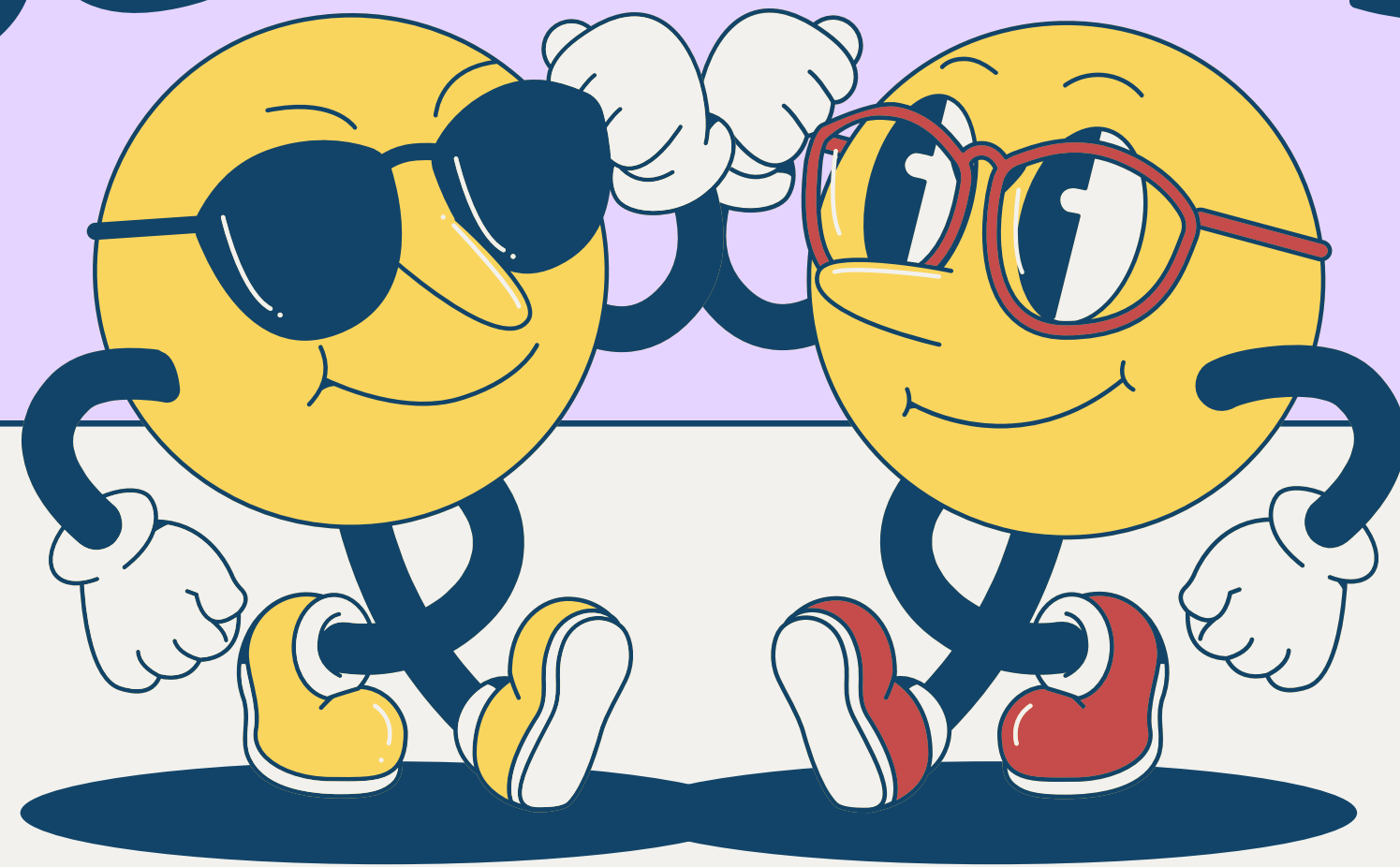
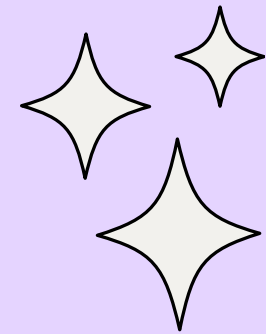
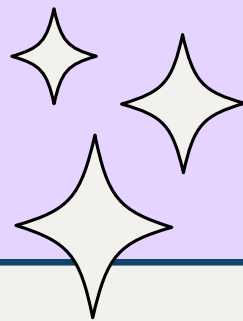
One touch all it takes .

## FOOLPROOF

Even if you forget the password (ohh you dont need a password)

**ONLY THING YOU  
WILL EVER NEED**

# MEET OUR TEAM

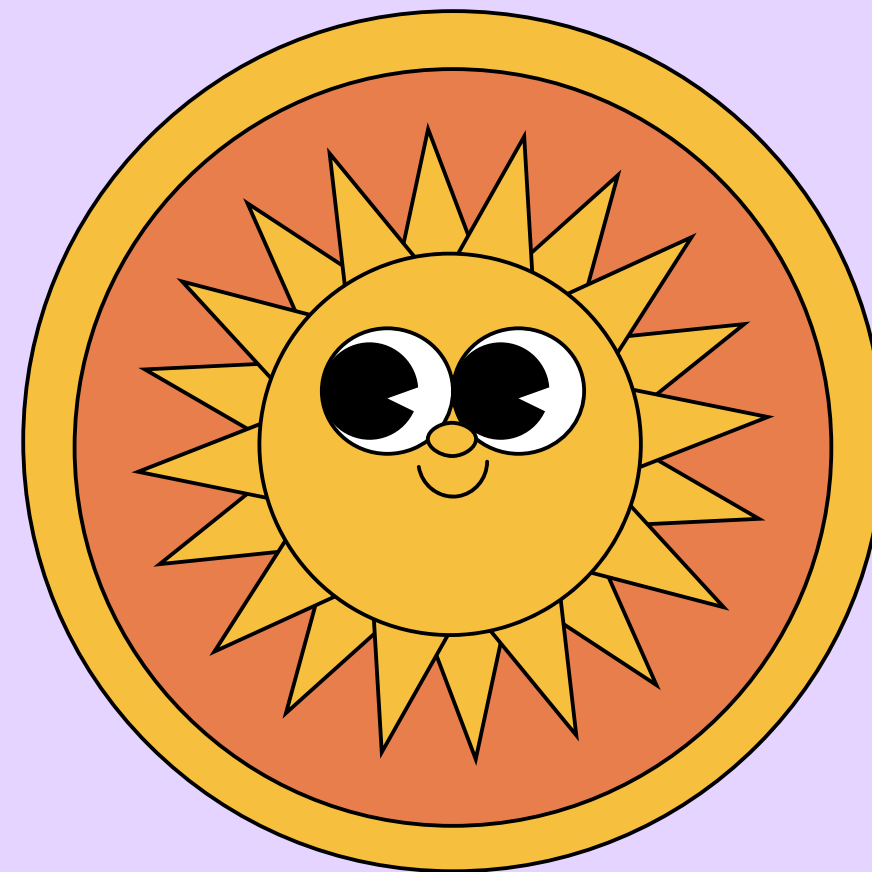
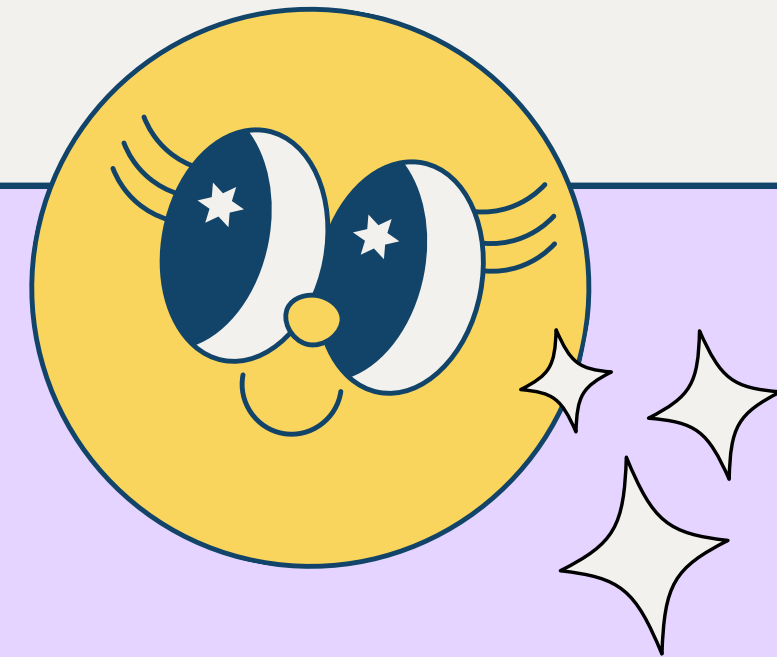




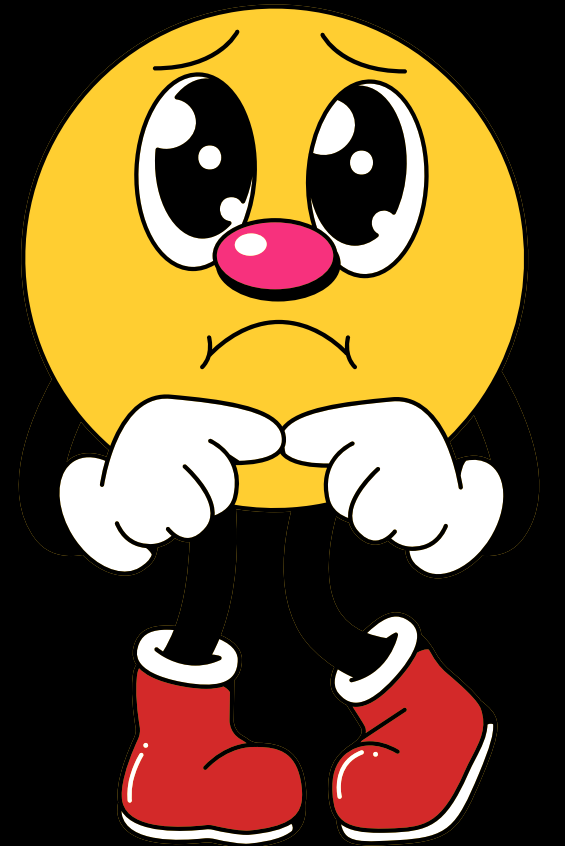
# OUR TEAM MEMBERS

[BACK TO OVERVIEW](#)

- CHARUKANT
- KIRTDEEP KAUR
- DINESH SWAMI
- DEVANSHI SAWHNEY
- AYUSH SINGH
- AYUSH AGGARWAL



**THE END**



**THANK YOU  
GUYS**