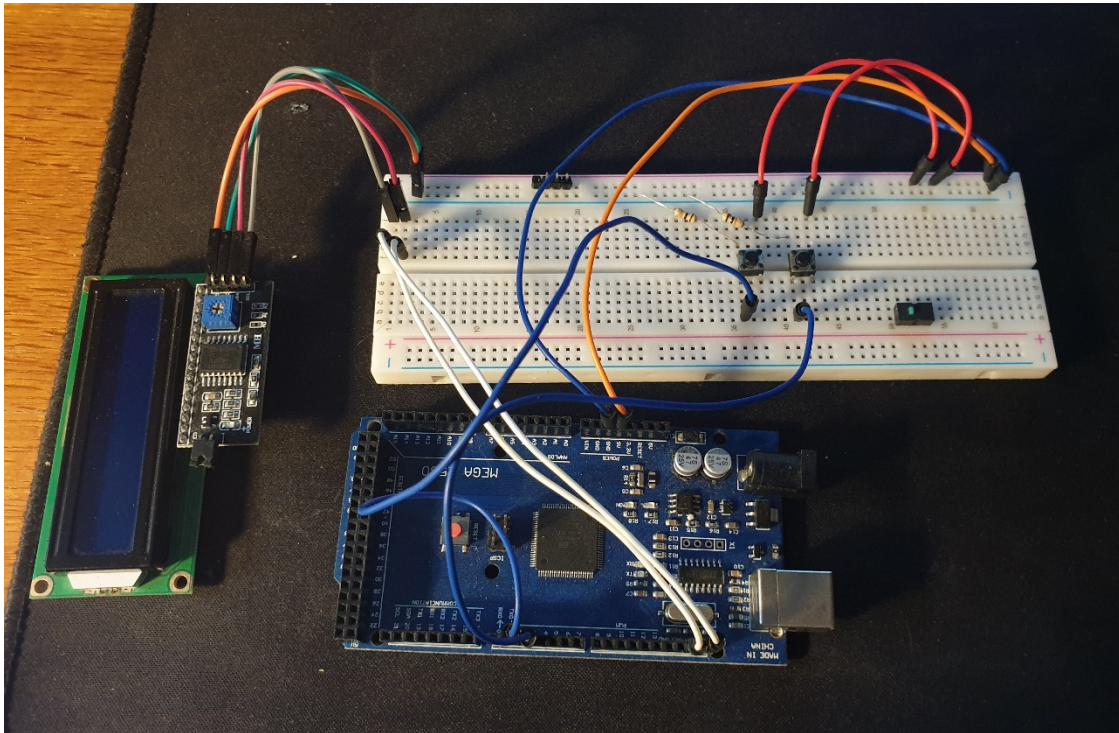


Chiritoiu Dragos

Door Lock

This project use Arduino MEGA 2560 which controls an electric latch with a relay. The program has set “1234” as acces pin but you can choose another one.



COMPONENTS:

- Arduino Mega 2560
- LCD 16x2 I2C
- 2 push buttons
- 2 10k resistors
- relay module
- electric latch

HOW IT WORKS?

1. After upload the code, the message “HELLO” will be displayed on LCD.
Press any button to begin.
2. Now you can enter the pin.
 - Push button 1 to select a number
 - Push button 2 for next number
3. If pin is correct the electric latch will be open for 4 second else the message “ ACCES DENNIED ” will appear.