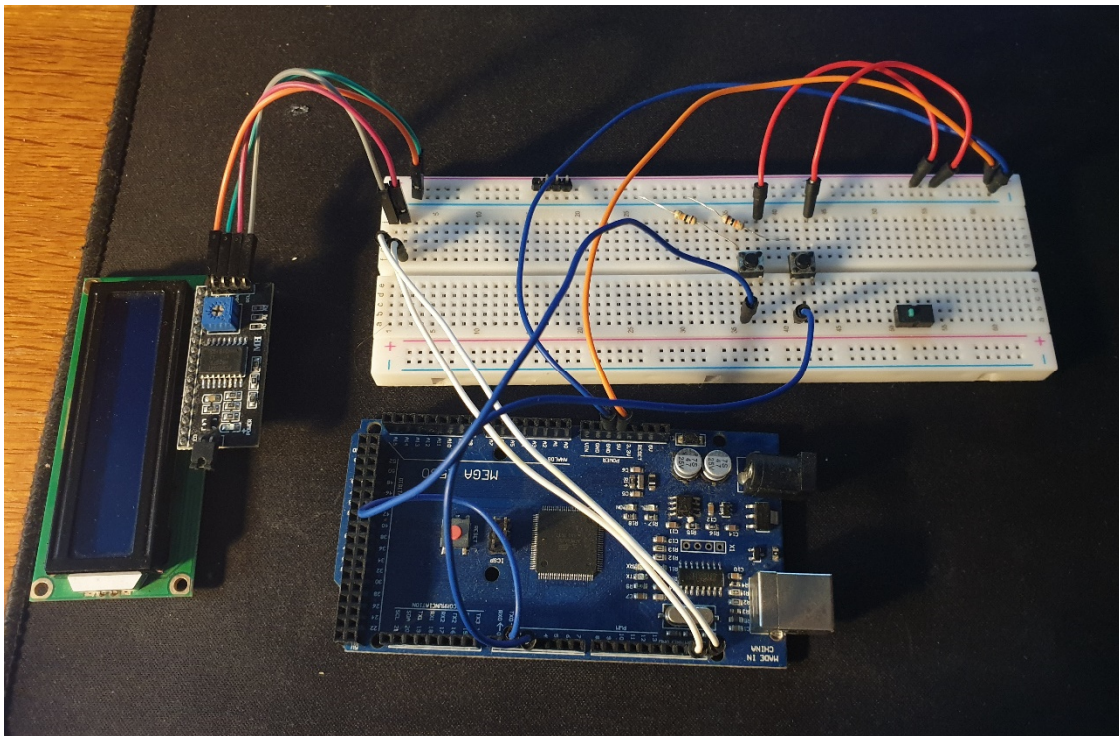Chiritoiu Dragos

Door Lock

This project uses Arduino MEGA 2560 which,along with a relay controls an electric latch. By default the acces code of the program is "1234" but that can be amended.

COMPONENTS:

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

HOW IT WORKS?

1. After uploading 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 open for 4 seconds, otherwise the message " ACCESS DENIED " will be displayed.