This is the manual for how to setup and use the security system I made
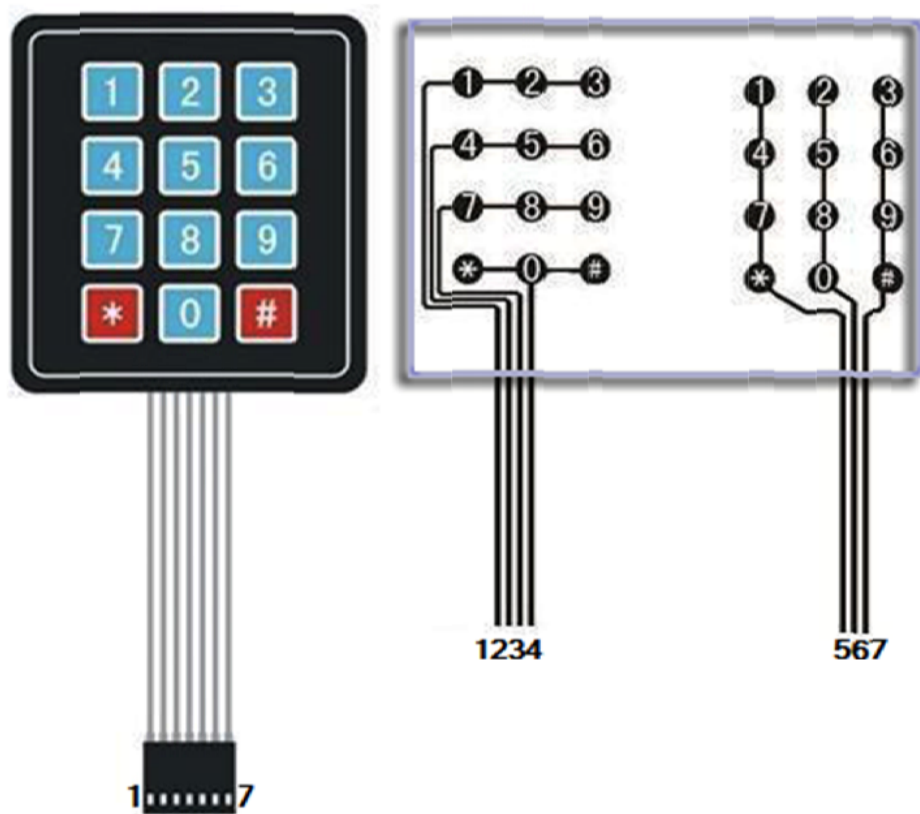
<u>SETUP</u>:
1. raspberry pi
   - I use a insert pi here in this version
   - the only thing you definitely need are GPIO pins
1. sd card with raspearían
   - https://www.raspberrypi.org/downloads/raspbian/
2. pir motion sensor with 3 pin out

5. 2 leds
6. 2 ohms resistors
7. 4x3 keypad

Keypad Pinout

1234   567

9. Raspberry pi Spy Camera

11. breadboard

1. boot up the raspberry pi

2. tell them how to configure it
3. get FFMPEG
4. plug the spy cam into a usb port on the pi
5. connect the motion sensor to the pi
   - vcc: 5v
   - out: GPIO 4
   - gnd: GND
5. connect the leds to the pi
- green:
   - long side: GPIO 13 through a resistor
   - short side: GND
- red:
   - long side: GPIO 6 through a resistor
   - short side: GND
6. connect the keypad to the pi
   - 1: 27
   - 2: 22
   - 3: 10
   - 4: 9
   - 5: 11
   - 6: 7
   - 7: 8
7. download the files and put them where you want on your system
   - for ease of access I recommend your home directory or desktop
8. make all the files executable
   - figure our if you can download executable files or if there is an easy way to do this

HOW TO USE:
1. Change your password
   - go into the tester file and change the string "passcode"
   - LEAVE THE '#' CHARACTER ALONE, IT IS USED BY THE PROGRAM
2. go into the folder and execute master
3. in another terminal go into the sentry_scripts folder and execute master

4. the code may need to be entered a few times to get the system synced
5. the system is now up and running