import RPi.GPIO as GPIO

import time

import os

pir\_sensor = 7

#piezo = 7

GPIO.setmode(GPIO.BOARD)

#GPIO.setup(piezo,GPIO.OUT)

#GPIO.setup(pir\_sensor, GPIO.IN)

GPIO.setup(pir\_sensor, GPIO.IN, GPIO.PUD\_DOWN)

current\_state = 0

#time.sleep(2)

try:

while True:

time.sleep(0.5)

current\_state = GPIO.input(pir\_sensor)

if current\_state == 1:

print("GPIO pin %s is %s" % (pir\_sensor, current\_state))

print("About to take a picture")

os.system("raspistill -o test1.jpg")

print("Picture taken")

os.system("curl -X POST --form \"images\_file=@test1.jpg\" --form \"classifier\_ids=TKH\_849252517\" \"https://gateway-a.watsonplatform.net/visual-recognition/api/v3/classify?api\_key=95cf029c3e74886abcdff799eea1165f72c24079&version=2018-03-19\""

except KeyboardInterrupt:

pass

finally:

GPIO.cleanup()