## M.KUMARASAMY COLLEGE OF ENGINEERING

Name:K. AKASH

**OBJECTIVE:** 

To improve the quality of life and convenience in the home, aswell as residents safety and security.

## **COMPONENT REQUIRED:**

Name Quantity Component

U1 1 Arduino Uno R3

PIR1 1 5.101209378474654, -282.5333908957909, -

302.2762218258411 PIR Sensor

L1 1 Light bulb

K1 1 Relay SPDT

GAS1 1 Gas Sensor

R1 1  $10 k\Omega$  Resistor

U2 1 Temperature Sensor [TMP36]

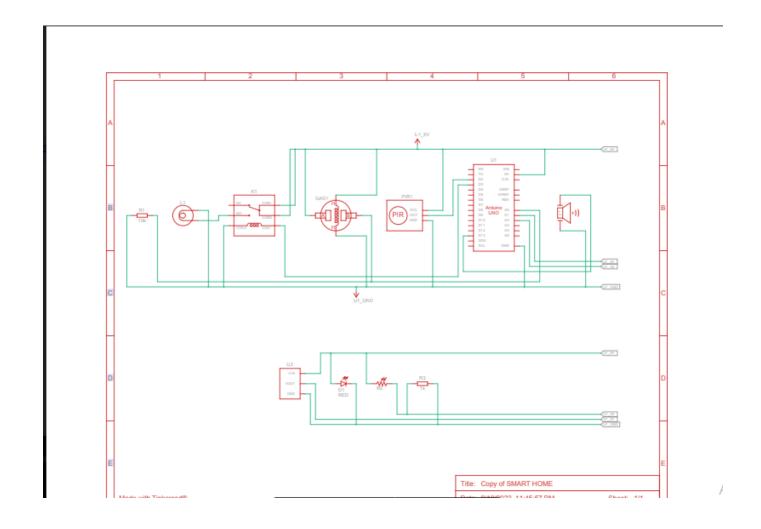
R3 1  $1 k\Omega$  Resistor

R2 1 Photoresistor

PIEZO1 1 Piezo

D1 1 Red LED

## **BLOCK DIAGRAM:**



## OUTPUT:

