

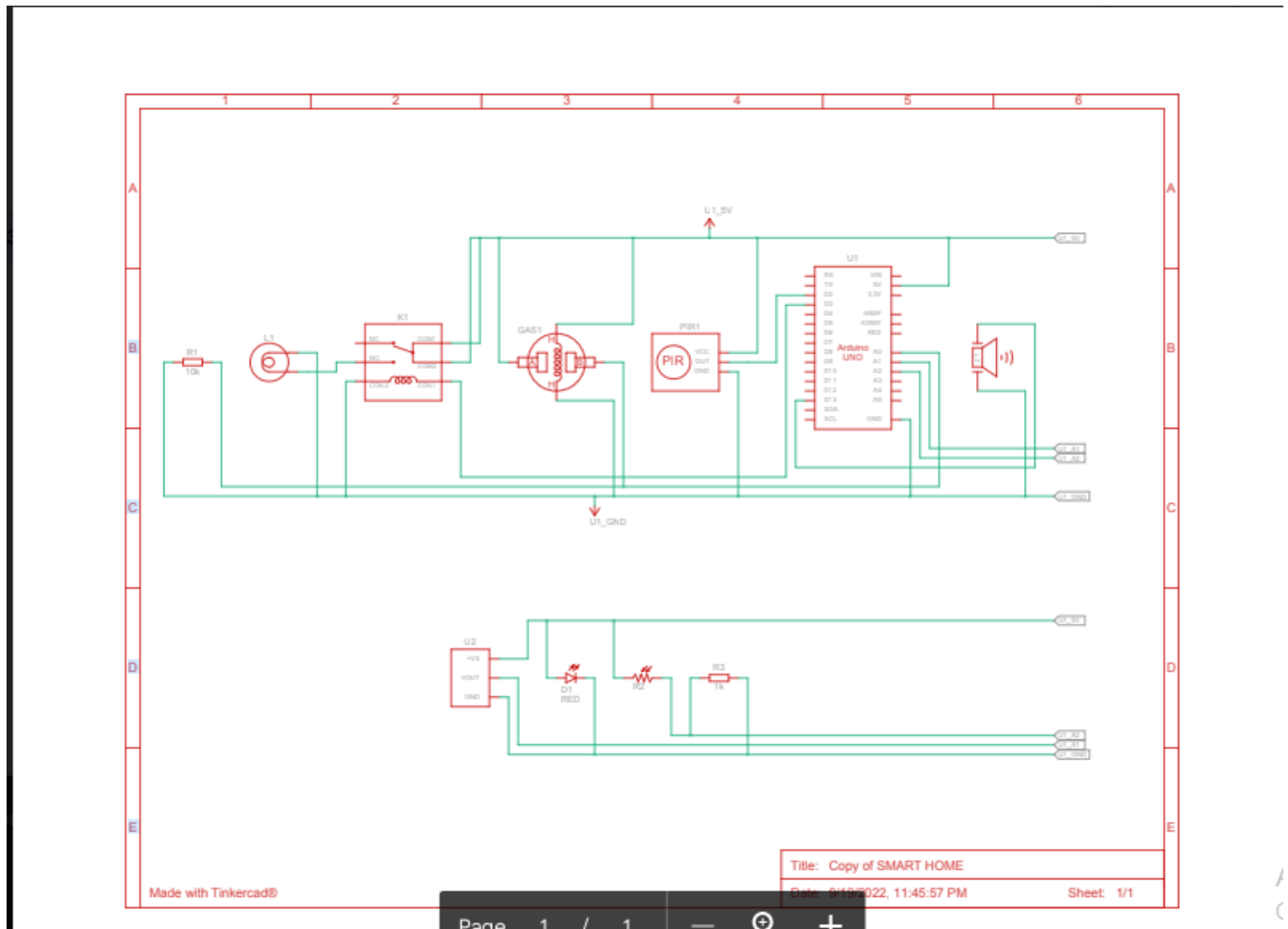
## OBJECTIVE:

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

## COMPONENT REQUIRED:

Name	Quantity	Component
U1	1	Arduino Uno R3
PIR1	1	PIR Sensor
L1	1	Light bulb
K1	1	Relay SPDT
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
GAS1	1	Gas Sensor

## BLOCK DIAGRAM :



## SIMULATION LINK:

<https://www.tinkercad.com/things/af2f5Pnx0Jl-copy-of-smart-home/editel>

OUTPUT :

