**Step 1**

Connect a flame sensor to Arduino with a Digital Pin by the below pin configuration:

**Pin configuration**

**Flame Sensor Arduino**

VCC------------------------------------> +5V

GND------------------------------------> GND

DO --------------------------------------> Digital pin8

**Step 2**

Next, connect a Piezo Buzzer to Arduino to make an alarm sound. There is no need to use a resistor for the Buzzer connection.

**Pin configuration**

**Piezo Buzzer Arduino**

(-) ---------------------------------------------> Digital pin9

(+) ---------------------------------------------> Digital pin GND

**Step 3**

Connect Led bulb to Arduino for a flashing light for the fire alert warning.

**Pin configuration**

**Led bulb Arduino**

**RED**

(+) --------------------------------------------> Digital pin10

(-) --------------------------------------------> Digital pin GND

**GREEN**

(+) --------------------------------------------> Digital pin11

(-) --------------------------------------------> Digital pin GND

**Relay Module**

VCC ---------------------------------------🡪 +5v  
GND-------------------------------------🡪 GND  
D0 ---------------------------------------🡪 Digital Pin 7

**Motor**

+ 5v Power Source ------------------------- NO

Motor + ---------------------------------------- COM

GND psu + GND motor

We successfully made the hardware connection :).