***Connection guide***

Load cell sensor:

From load to its device:

* Red to E+
* Black to E-
* White to A-
* Brown to A+

From load to Arduino

* Black to GND ( GND to GND)
* Red to pin 4 ( DT -> pin 4 )
* White to pin 5 ( SCK -> pin 5 )
* Brawon to 5V ( VOC -> 5V )

Home MQ2 / leak sensor:

* Brown to pin 1 ( D0 -> TX(pin 1))
* White to pin A0 ( A0 -> A2 )
* Red to 5V ( VCO -> 5V )
* Black to GND ( GND to GND )

Outside MQ6 / leak sensor:

* Brown to pin 1 ( D0 -> TX(pin 1))
* White to pin A0 ( A0 -> A0 )
* Red to 5V ( VCO -> 5V )
* Black to GND ( GND to GND )

Home Flame sensor:

* Brawn A0 to A3
* White to GND ( G -> GND )
* Red to 5V ( + -> 5V )
* Black to pin 22 ( D0 to pin 22 )

Outside Flame sensor:

* Brawn A0 to A1
* White to GND ( G -> GND )
* Red to 5V ( + -> 5V )
* Black to pin 24 ( D0 to pin 24 )

Kit Door Servo ( blue one):

* Yellow >green- >green pin 6
* Red -> 5V
* Black GND

Out door Servo ( blue one):

* Yellow - > pin13
* Red -> 5V
* Black->green-> GND

Window Servo( blue one):

* Yellow - >white->orange-> pin 12
* Red ->blue->red -> 5V
* Black ->brawn->GND

Outside Red Light:

yellow -> GND

* Purple to pin 9

Outside Green Light:

* white -> GND
* purple to pin10

Outside Orange Light:

* White -> GND
* purple to pin 8

use 300 resistance for light

home Red Light:

Red -> GND

* green to pin 11

buzzer Red Light:

Red(yellow) -> GND

* green to pin 7

Serial connection between mega and nodeMCU

Mega(2,3)->nodeMCU(2,3)

Butten1

* Pin26

Butten2

* Pin28