

BILL OF MATERIALS

By Shubham G



BOM

Component Name	Quantity	Buy Link (International)*
ESP Wroom32 DEVKIT1	2	https://www.amazon.com/VKLSVAN-ESP-WROOM-32-Development-Dual-Mode-Microcontroller/dp/B07T6J3PXZ/ref=sr_1_6?dchild=1&keywords=ESP+Wroom+32+devkit+1&qid=1616666249&sr=8-6
Micro USB Cable	2	https://www.amazon.com/Amazon-Micro-USB-designed-tablets-readers/dp/B0741WGQ36/
Multimeter	1	https://www.amazon.com/AstroAI-Digital-Multimeter-Voltage-Tester/dp/B01ISAMUA6
Breadboard	1	https://www.amazon.com/EL-CP-003-Breadboard-Solderless-Distribution-Connecting/dp/B01EV6LJ7G/
Soldering Iron Kit	1	https://www.amazon.com/BAYKA-482-896%E2%84%89%E2%84%83%E2%84%89-Adjustable-Temperature-Auto-Sleep/dp/B07R4SDSP8/
Hook Up and Jumper Wires **	1	https://www.amazon.com/AUSTOR-Preformed-Breadboard-Assorted-Prototyping/dp/B07PQKNQ22/
LEDs**	1	https://www.amazon.com/BOJACK-Colors-LightsAssoredTransparent/dp/B07QXR5MZB/ref=sr_1_3?dchild=1&keywords=LED+kit+3mm&qid=1616672234&sr=8-3
Resistors**	1	https://www.amazon.com/Ltvystore-1280pcs-Values-ohm-Assortment/dp/B01H1VDRXW/ref=sr_1_3?dchild=1&keywords=resistor+set&qid=1616672311&sr=8-3
PIR Sensor	1	https://www.amazon.com/HC-SR501-Infrared-Raspberry-Microcontrollers-Electronic/dp/B076K649RW/ref=sr_1_18?dchild=1&keywords=PIR+SENSOR&qid=1616672422&sr=8-18
BME 280 Sensor	1	https://www.amazon.com/ACROBOTIC-Temperature-Barometric-Raspberry-Altimeter/dp/B07HVF89M9/ref=sr_1_1?dchild=1&keywords=BME+280&qid=1616672862&sr=8-1

16x2 I2C LCD	1	https://www.amazon.com/KEYESTUDIO-Display-Arduino-Raspberry-Stm32/dp/B0177XQE7K/ref=sr_1_6?dchild=1&keywords=16x2+i2c+lcd&qid=1616672935&sr=8-6
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**Check with your domestic online electronic stores before ordering from global online stores. You might get the components more quickly if ordered from domestic sellers. Also, these links might render useless if the seller removes the item from the online shop.*

***These are cheaper when ordered in bulk, and you will be needing extra components for the later sections.*

