# BILL

# OF

# MATERIALS

**By Nidhi Agarwal**

MAKERDEMY
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# BOM

| Component Name | Quantity | Buy Link (International)* |
|---|---|---|
| ESP32 Dev. Board | 1 | https://www.amazon.com/VKLSVAN-ESP-WROOM-32-Development-Dual-Mode-Microcontroller/dp/B07T6J3PXZ/ |
| LED** | 2 | Amazon.com: 100 Pieces Clear LED Light Emitting Diodes Bulb LED Lamp, 5 mm (Multicolor) : Industrial & Scientific |
| Resistor (330ohm)** | 2 | EDGELEC 100pcs 360 ohm Resistor 1/4w (0.25 Watt) ±1% Tolerance Metal Film Fixed Resistor, Multiple Values of Resistance Optional: Amazon.com: Industrial & Scientific |
| MPU6050 | 1 | Amazon.com: SunFounder MPU6050 Module Compatible with Arduino and Raspberry Pi, 3-axis Gyroscope and 3-axis Accelerator : Electronics |
| Hook Up and Jumper Wires** | 10 | Amazon.com: ELEGOO 120pcs Multicolored Dupont Wire 40pin Male to Female, 40pin Male to Male, 40pin Female to Female Breadboard Jumper Wires Ribbon Cables Kit Compatible with Arduino Projects : Industrial & Scientific |

*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.*