BILL
OF
MATERIALS

By Nidhi Agarwal

BOM

Component Name	Quantity	Buy Link (International)*
Raspberry Pi 4 Model B 1GB	1	https://www.amazon.com/Raspberry-Model-2019-Quad-Bluetooth/dp/B07TD43PDZ/
Raspberry Pi USB Microphone	1	https://www.amazon.com/TKGOU-USB-PC-Microphone-Microphones/dp/B07D561S67/
Raspberry Pi 5MP Camera		https://www.amazon.com/Arducam-Megapixels-Sensor-OV5647-Raspberry/dp/B012V1HEP4/
Speaker with aux cable or headphones with aux cable		https://www.amazon.com/MANHATTAN-2600-Speaker-System-161435/dp/B005LW42MY/ or https://www.amazon.com/WEIZY-3-5mm-Headphones-Microphone-Compatible/dp/B0851ZPB5C/
5V 3A Pi Power Supply for Raspberry Pi4	1	https://www.amazon.com/Raspberry-Micro-USB-Charger-Raspberry-Pi-Adapter/dp/B00L88M8TE/
32 GB Class 10 MicroSD	1	https://www.amazon.com/SanDisk-Ultra-microSDXC-Memory-Adapter/dp/B073JWXGNT/
Cooling case with Heatsink	1	https://www.amazon.com/iUniker-Raspberry-Aluminium-Heatsink-Supply/dp/B07D3S4KBK/
Breadboard	1	https://www.amazon.com/EL-CP-003-Breadboard-Solderless-Distribution-Connecting/dp/B01EV6LJ7G/
DHT11	1	https://www.amazon.com/DaFuRui-3-3V-5V-Temperature-Humidity-Digital%EF%BC%8C/dp/B089N3JHCR/
Passive Buzzer	1	https://www.amazon.com/Cylewet-Terminals-Electronic-Electromagnetic-Impedance/dp/B01NCOXB2Q/

Ultrasonic Sensor	1	https://www.amazon.com/HC-SR04-Ultrasonic-Distance-Arduino-MEGA2560/dp/B07R7RMXTY/
Hook Up and Jumper Wires**	1	https://www.amazon.com/Elegoo-EL-CP-004-Multicolored-Breadboard-arduino/dp/B01EV70C78/

*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.