Bill of Materials (BOM)

Section	Component Name	Quantity	Comments	Buy Link (International)*
Section 2	Raspberry Pi-3 Model B+	1		https://www.amazon.com/ELEMENT-Element14-Raspberry-Pi-Motherboard/dp/B07BDR5PDW/ref=sr_1_5?keywords=raspberry+pi+3+B%2B&qid=1570962504&sr=8-5
	Spark Fun ESP32 Thing	1		https://www.sparkfun.com/products/13907
	USB to Micro-USB Data Cable.	2		https://www.amazon.com/AmazonBasics-Male-Micro-Cable-Black/dp/B0711PVX6Z/ref=sr_1_8?keywords=usb+to+micro+usb+cable&qid=1570967055&sr=8-8
	DHT11 (Digital Temperature and Humidity Sensor)	3*		https://www.amazon.com/Oak-Pine-Temperature-Humidity-Arduino-Raspberry/dp/B07RQRGKLZ/ref=sr_1_23_sspa?crid=IF4OY1HMMS1V&keywords=dht11+temperature+and+humidity+sensor&qid=1570964818&sprefix=DHT11%2Caps%2C416&sr=8-23-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyUFU2QTY3QTRFTzVTJmVuY3J5cHRlZElkPUEwNzgyMTE5MkJDTU84TlhRQkZNOCZlbmNyeXB0ZWRBZElkPUExMDE4MDIyM0hGTEJTV0lORFdRVSZ3aWRnZXROYW1lPXNwX210ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=
	HC-SR04 Ultrasonic Sensor	1*		https://www.amazon.com/SainSmart-HC-SR04-Ranging-Detector-Distance/dp/B004U8TOE6/ref=sr_1_fkmr2_2?keywords=ultrasonic+sensor+HC-SR-04&qid=1570962611&s=specialty-aps&sr=1-2-fkmr2

	Breadboard	1*		https://www.amazon.com/EL-CP-003-Breadboard-Solderless-Distribution-Connecting/dp/B01EV6LJ7G/
	Male to Female Jumper Wires	40**	Order in Bulk	https://www.amazon.com/HiLetgo-Breadboard-Prototype-Assortment-Raspberry/dp/B077X7MKHN/
	Male to Male Jumper Wires	40**	Order in Bulk	
	Female to Female Jumper Wires	40**	Order in Bulk	
Section – 3	LED	25*	Order in Bulk	https://www.amazon.com/microtivity-IL011-5mm-Diffused-Pack/dp/B004J2JG6O/ref=sr_1_10?keywords=red+led&qid=1570965073&sr=8-10
	Buzzer	15*	Order in Bulk	https://www.amazon.com/GFORTUN-Terminals-Electronic-Continuous-Industrial/dp/B0716FD838/ref=sr_1_2?keywords=tiny+Buzzer&qid=1570966747&sr=8-2
	1K Ohm Resistor	100*	Order in Bulk	https://www.amazon.com/Projects-100EP5121K00-Ohm-Resistors-Pack/dp/B0185FIJ9A/ref=sr_1_3?keywords=1k+ohm+resistors&qid=1570963800&sr=8-3
	4.7K Ohm Resistor	100*	Order in Bulk	https://www.amazon.com/Projects-100EP5122K00-Ohm-Resistors-Pack/dp/B07C91S45M/ref=sr_1_3?keywords=2k+ohm+resistors&qid=1570963760&sr=8-3
	10K Ohms Resistor	100*	Order in Bulk	https://www.amazon.com/Watt-Carbon-Film-Resistors-pack/dp/B01MXGRVQO/ref=sr_1_3?keywords=10+kilo+ohm+resistors&qid=1570966496&sr=8-3

*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.