

IoT Parts Cost Summary					
S.No	Item	Unit	Qty	Cost (PKR)	Remarks (Model, Specs etc)
A Controllers					
1	Arduino Uno	EA	1		UNO DIP
2	Arduino Mega 2560	EA	1		
3	Nodemcu	EA	1		nodemcu lolin
4	ESP32	EA	1		32 pin esp32
5	Relay board	EA	1		2 channel
6	Raspberry Pi	EA	1		Raspberry Pi 4 Model B 2GB (Newest version)
					or use raspberry pi model 3 worth 6,800 PKR
7	SD Card for Pi	EA	1		32 GB scandisk sd card for Pi
8	GPS Module	EA	1		Neo-6
9	Motor Driver	EA	1		L298
10	Alarm, bluetooth vehicle control kit	EA	1		need clarification
11	IoT based relay board	EA	1		IoT Vision kit
B Sensors					
11	Sensor DHT11	EA	1		
12	Humidity Sensor	EA	1		HR202 Humidity Sensor
13	Proximity Sensor	EA	1		kj12A3
14	Ultrasonic Sensor	EA	1		
15	Light Sensor	EA	1		IR Infrared
16	Soil Moisture Sensor	EA	1		
17	PIR Motion Sensor	EA	1		
18	LM35	EA	1		
C Electronic Components					
19	Breadboard	EA	1		
20	Multimeter	EA	1		
21	Resistor set	Pack	1		
22	Relay	EA	1		relay board is enough
23	LCD Display	EA	1		LCD 1602
24	Seven Segment	EA	1		70mm common anode
25	Servo Motor	EA	1		sg90
26	DC Motor	EA	1		dc motor with tyre or propellar
27	Solenoid Valves	EA	1		
28	Volt meter	EA	1		multimeter is enough
29	Ohm meter	EA	1		multimeter is enough
D Communication Modules					
30	RFID Reader and Tag	EA	1		
31	Bluetooth Module	EA	1		
32	Router	EA	1		TP Link
33	Repeater	EA	1		Why is it needed?
E Connecting Wires					
34	connecting Wires pack of 40	EA	5		

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35	ethernet cable with RJ45 10 meters	EA	10		
Total				29,740	

Terms & Conditions

Some terms and conditions are added