

IoT-Enabled Personalized Environmental Trigger Alert System (Asthma/Allergies)

ITEM #	ITEM NAME	ITEM DESCRIPTION	UNIT PRICE	NO. UNIT	TOTAL PRICE
1	Node MCU ESP8266	The NodeMCU an open-source software and hardware development environment built around an inexpensive System-on-a-Chip (SoC) called the ESP8266. That makes it an excellent choice for Internet of Things (IoT) projects of all kinds.	₺475.00	1	₺475.00
2	DHT22	The DHT22 Digital Temperature and Humidity Sensor Module AM2302 is a basic, low-cost digital temperature and humidity sensor.	₺450.00	1	₺450.00
3	MQ-135	The MQ-135 Gas sensor can detect gases like Ammonia (NH3), sulfur (S), Benzene (C6H6), CO2, and other harmful gases and smoke.	₺280.00	1	₺280.00
4	OLED Display (1.3" I2C)	This OLED display module is small, only 1.3" diagonal, it is made of 128x64 individual blue OLED pixels, each one is turn on or off by the controller chip.	₺450.00	1	₺450.00
5	Traffic light LED	3 lights: Green, Red and Yellow	₺180.00	1	₺180.00
6	Buzzer (3-9V) HQ	Also known as Piezo Speakers (buzzers).	₺60.00	2	₺120.00
7	Breadboard (Medium)	This is a cute half size breadboard, good for small projects.	₺100.00	2	₺200.00
8	5V power supply/USB		₺450.00	1	₺450.00
9	Jumper wire		₺80.00	2	₺160.00
10	10k resistor		₺30.00	5	₺150.00
Total:					₺2,915.00