

Smart Vehicle Accident Alert System with Speed Monitoring (Project Expenses Sheet)

Sl.	Components Name	Model	Total Managed	Used	Unused	Damaged/Lossed	Market Prize	Total Payable	From	Comments
			(Unit)	(Unit)	(Unit)	(Unit)	(Taka Per Unit)	(Taka)		
1	Microcontroller	ESP-Wroom-32	2	1	0	1	493	493	RoboticsBD	1Unit Self Managed
2	Cable	USB A to Micro B	1	1	0	0	190	190	RoboticsBD	
3	GPS Module	U-Blox NEO-6M	1	1	0	0	490	490	RoboticsBD	
4	GSM Module	SIM800L Mini GPRS	1	1	0	0	399	399	RoboticsBD	
5	GSM Antenna		1	1	0	0	290	290	RoboticsBD	
6	SMA Connector	IPX to Famele	1	1	0	0	120	120	TechshopBD	
7	Display	0.96" I2C OLED Display Blue	1	1	0	0	290	290	RoboticsBD	
8	RFID Card Reader Module	RC522	1	1	0	0	179	179	RoboticsBD	
9	RFID NFC Card	13.56MHz Printable	3	3	0	0	32	32	RoboticsBD	2Unit Free
10	Gear Motor	6v 300 RPM DC - TT Dual Shaft L Shaped	2	1	1	0	150	300	RoboticsBD	
11	Wheel	40mm for TT	4	1	2	1	30	120	RoboticsBD	
12	Breadboard	830 Tie Points	3	2	1	0	150	150	RoboticsBD	2Unit Self Managed
13	IR Sensor	TCRT5000	1	1	0	0	150	150	Daraz	
14	Header Pin	Long Female Single Row 2.54mm	1	1	0	0	90	90	RoboticsBD	
15	Header Pin	Female Single Row 2.54mm	1	1	0	0	15	15	RoboticsBD	
16	Header Pin	Male Single Row 2.54mm	1	1	0	0	10	10	RoboticsBD	
17	Buck Converter	MP2315	2	1	0	1	80	160	RoboticsBD	
18	Battery	3.7V	3	3	0	0	80	0	Faridpur	Self Payable
19	Battery Holder	2S	1	1	0	0	50	50	RoboticsBD	
20	Battery Holder	1S	1	1	0	0	40	40	RoboticsBD	
21	MOSFET	IRFZ44N	1	1	0	0	35	35	Faridpur	
22	Toy Car		1	1	0	0	35	35	Faridpur	
23	Potentiometer	10K	1	1	0	0	15	15	Faridpur	
24	Screw PCB Terminal Block	3 Pin Pitch 5.0mm Straight Blue	1	1	0	0	13	13	TechshopBD	
25	Screw PCB Terminal Block	2 Pin Pitch 5.0mm Straight Blue	4	4	0	0	8	32	RoboticsBD	
26	Buzzer	Passive	2	1	0	1	10	20	TechshopBD	
27	Heat Sink	Regulator IC Heat Sink	1	1	0	0	10	10	TechshopBD	
28	Glue Stick		1	1	0	0	10	0	Faridpur	Self Payable
29	LED	5mm Red	1	1	0	0	5	0	Faridpur	Self Payable

30	Electrolytic Capacitor	1000uF, 100uF	2	2	0	0	5	10	TechshopBD	
31	Switch	KCD11	3	2	0	1	5	15	Faridpur	
32	Polyester Film Capacitor	100nF 100V (0.1uF – 2A104J)	2	1	0	1	4	8	RoboticsBD	
33	Diode	1N4007	2	1	0	1	4	0	Faridpur	Self Payable
34	Jumper Wire	Male to Male	40	39	0	1	2.5	100	RoboticsBD	
35	Jumper Wire	Female to Male	5	2	0	3	2.5	12.5	RoboticsBD	
36	Jumper Wire	Female to Female	5	5	0	0	2.5	12.5	RoboticsBD	
37	Resistor	220	1	1	0	0	1	0	Faridpur	Self Payable
38	Rung				0	0		20		
40	PCB Fabrication	2.37*3.55	1				376	376	TechshopBD	
41	1st Delivery Charge						100	100	RoboticsBD	
42	2nd Delivery Charge						60	60	TechshopBD	
43	3rd Delivery Charge						100	100	RoboticsBD	
Total								4542		

Note:

- 1 The multimeter, soldering iron, glue gun, and screwdriver are self-managed.
- 2 Many components used only for testing purposes have not been added.
- 3 Any components mistakenly purchased that are not related to the project have not been included.