

Name: MUNAI IAN
Reg No: SCP222-0222/2020
Course: Control and Instrumentation (Y4S2)

PROJECT BUDGET

No.	Component	Model/Type	Quantity	Price(KES)
1	Microntroller	Arduino UNO R3	1	1200
2	Transformer (Master)	AC 220V to AC 12V 2A	1	600
3	Transformer (Slave)	AC 220V to AC 12V 1A	1	600
4	Relays	5V 8 Channel Relay Module	1	550
5	Temperature Sensors	DHT11 Module	2	900
6	Diodes	1N5408 OR 1N5404	8	40
7	LCD Display	16 * 2 Yellow Backlight / w I2C	1	400
8	Current Sensor	ACS 712T 5A	1	450
9	Lamps	Phillips 10W 12V LED	4	200
10	Voltage Regulator	LM7805 + Heat Sink (Optional)	2	60
11	Miscellaneous			1000
	TOTAL COST			6000