

BOM (Bill Of Materials)

Component Type	Part Name/Number	Estimated Cost (INR)	Purpose	purchase
Microcontroller	ESP32	₹450	Wi-Fi enabled processing & logging	Offline store
OLED Display	SSD1306 0.96"	₹400	Display temperature and alerts	Offline store
Perfboard	Generic	₹40	Hardware mounting	Offline store
IR Temp Sensor	MLX90614	₹960	Non-contact body surface temp sensing	Offline store
Humidity Sensor	DHT22	₹350	Skin humidity / perspiration detection	Offline store
Skin Resistance Sensor	Grove GSR sensor	₹1450	Measure skin resistance / Hydration index	Offline store
Heart Rate Sensor	MAX30102	₹200	Heart rate & pulse variability	Offline store
Total Estimated Cost (Sensors only)		₹2960	-	-
Total Estimated Cost (Overall)		₹3850	-	-