SECURITY
AND

VOICE CONTROL HOME AUTOMATION

TEAM MEMBERS

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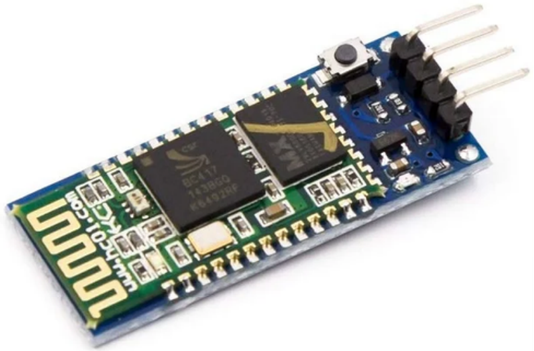
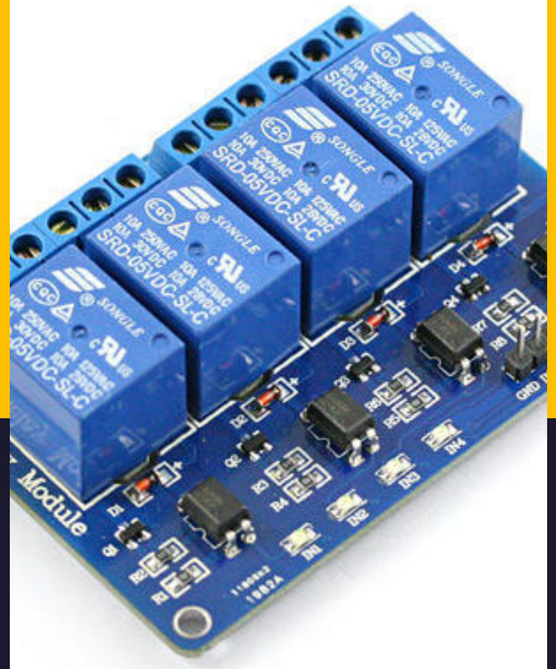
PROBLEM STATEMENT

Security and voice control home automation makes it possible for those who are old, disabled, away from home, etc. to operate their homes over the phone without worrying about a gas or smoke leak. Our technology is a computer-based system that can interpret orders given orally and also the implanted sensors detects smoke infiltration or gas leaks which alerts us regarding the accident. It is easily accessible from any location. Instead of using cables, we utilize Bluetooth to control this system.

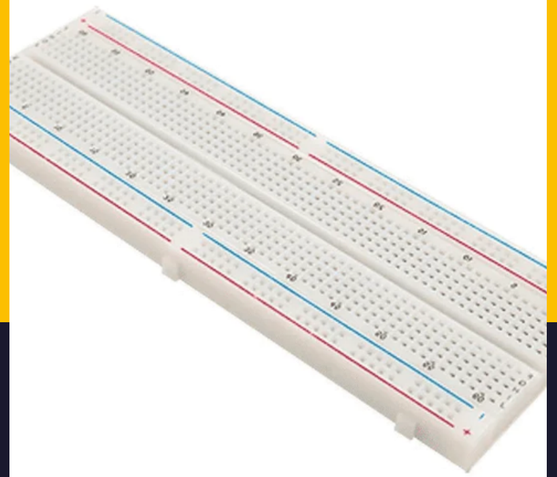
Arduino



Bluetooth Module



Relay drivers



Solderless Breadboard

COMPONENTS

MQ-2 Gas/Smoke Sensor

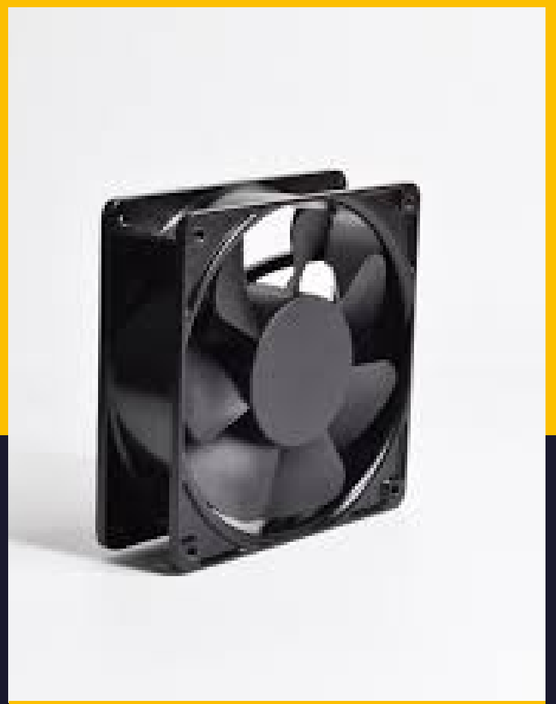
Power Adapter

Buzzer

Bulb

COMPONENTS

Bulb Holder



AC Fan

Jumper wires

COMPONENTS

BUDGET

ITEM	PRICE
Arduino	Rs.750.00
Bluetooth Module	Rs.300.00
Relay drivers	Rs.250.00
MQ-2 Gas/Smoke Sensor	Rs.200.00
Buzzer	Rs.50.00
Bulb	Rs.50.00
Bulb Holder	Rs.50.00
AC Fan	Rs.400.00

THANK YOU