

Basic Heater Control System

- **Minimum Requirement:**

DHT22 for temperature Detection.

Led to show the status of heating

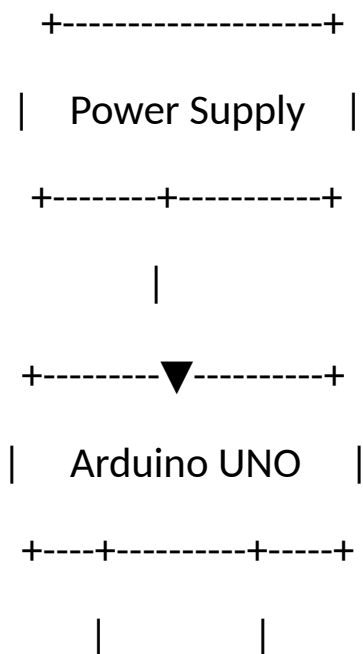
Relay to actuate the heating coil.

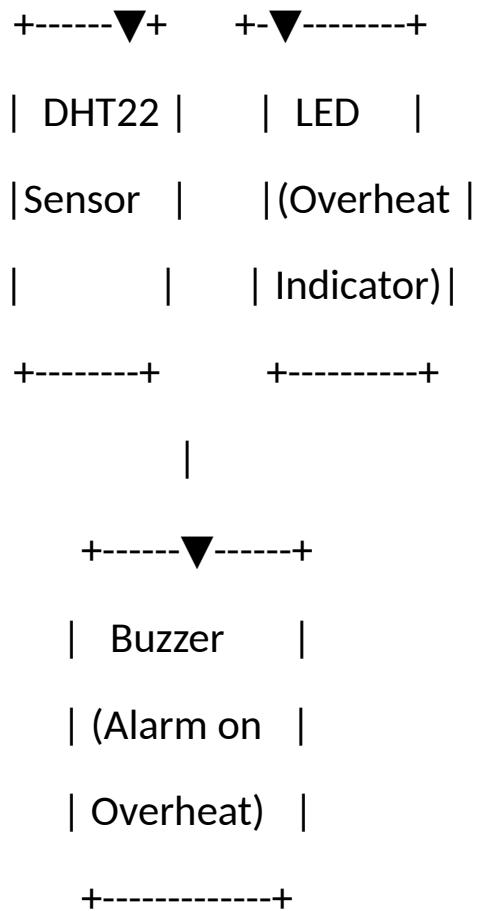
Buzzer for voice feedback.

- **COMMUNICATION PROTOCOL:**

DHT22 use a proprietary single-wire communication and i have used that in my project as it is the only ccommunication supported by the dht22 sensor.

- **BLOCK DIAGRAM:**





• FUTURE ROAD MAP:

1. Overheating Protection System
2. Multiple Heating Profiles
3. LCD or OLED Display
4. Data Logging
5. Wireless Integration
6. AI & Automation

