

SMART FOOD MONITORING SYSTEM

WHAT IS IT?

The job of this control and monitoring systems is to keep an eye on particular things or activity and to make sure that it stays in the desired manner. Monitoring can be achieved using various electronic sensors.

Further these recorded values can be used for the purpose of controlling. The data obtained from sensors can be compared to the desired values.

If the sensor readings are found to be unequal to the desired value, then the control circuit will come into action to manipulate the assigned activity to keep it in desired manner.

Methodology

Temperature and humidity, MQ-3, LDR sensors used to measure parameters inside refrigerator.



Temperature and Humidity

To detect Temperature, Humidity and Heat Level inside the refrigerator.



MQ-3

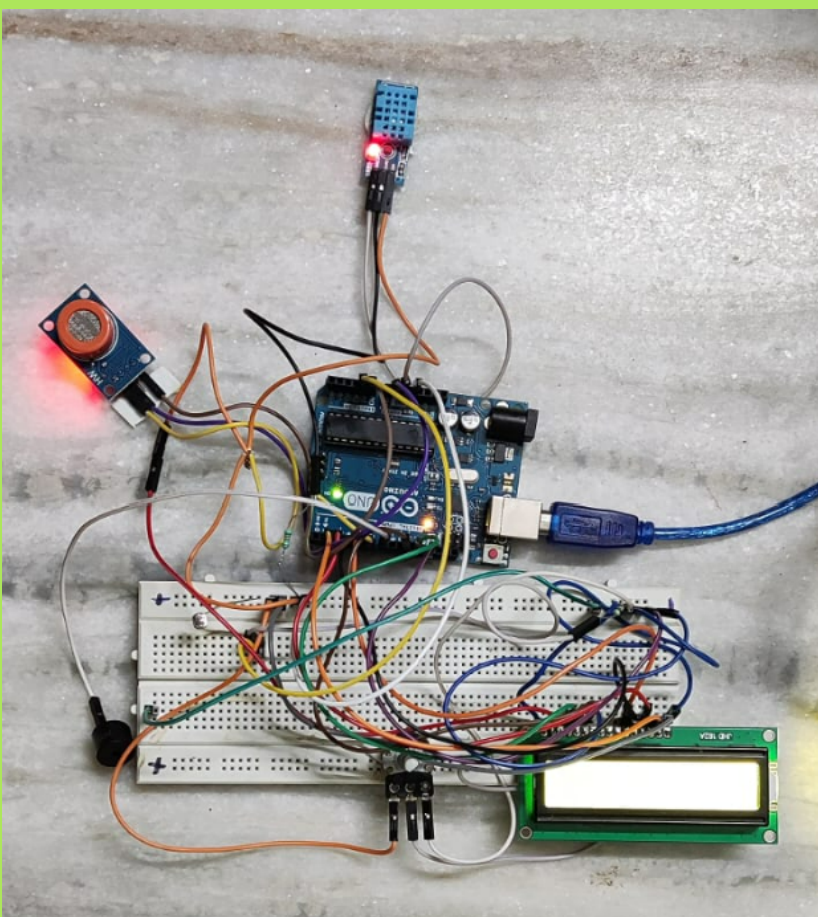
It is used to detect the food that has started to decay.



LDR

Used when the light signal fluctuates dramatically.

RESULTS



ADVANTAGES

1. Save fruits and vegetables for longer time.
2. Maintain hygiene and clean environment.

APPLICATION

1. Can use this system in fruits and vegetable shops.
2. Can use this system in agriculture farm.