IoT phase -4

Tools:

1.Proteus circuit simulator

2.Windows

3.Arduino IDE

Every part is associated with the necessary force of +5V. LM35 temperature sensor, a cooling fan, motor, LED

Furthermore connected with the Arduino.

Temperature sensor recognizes the level of temperature, if it goes high DC fans gets on and

At the point when the temperature goes low Without light, the LDR sensor resources and the bulb starts shining. By this Way it will end up being easy to screen and control the system.

At the moment when the temperature goes beyond threshold signal is sent to turn on the fan with the temperature

Magnitude like Its HOT Turn On the FAN, 31.25 *C, when the temperature goes to the conventional level,

Temperature sensor detects the temperature and sends the signal to stop the fan.

LDR sensor assesses light power. When sensor detects brightness beyond threshold then it sends the message to turn Off the light LED, and vice versa. It gives message like Its BRIGHT turn OFF the LED. Moisture sensor senses the Soddenness if it passes beyond threshold it sends message to turn off the pump and vice versa. It prints message on the

Virtual window Water level is low , turn ON the PUMP.

Potentiometer.

Relay.