

SPRINT DELIVERY PLAN -2 (IOT BASED SMART FARMER)

Date	29 October 2022
Team ID	PNT2022TMID11578
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application

Sensor connections:



Output:

```
//Constants
#define DHTPIN 2 // what pin we're connected to
#define DHTTYPE DHT22 // DHT 22 (AM2302)
DHT dht(DHTPIN, DHTTYPE); // Initialize DHT sensor to
int Sensor=0; // Soil Sensor input at Analog PIN A0
int value=0;
//Variables
int chk;
float hum; //stores humidity value
float temp; //Stores temperature value
float value1;

void setup()

  Serial.begin(9600);
  dht.begin();
  delay(2000);

  Moisture LEVEL : 50.73
  Humidity: 62.40 %, Temp: 24.10 Celsius
  Moisture LEVEL : 51.52 %
  Humidity: 62.50 %, Temp: 24.10 Celsius
  Moisture LEVEL : 52.30
  Humidity: 62.60 %, Temp: 24.10 Celsius
  Moisture LEVEL : 53.27
  Humidity: 62.60 %, Temp: 24.10 Celsius
  Moisture LEVEL : 53.08
  Humidity: 62.50 %, Temp: 24.10 Celsius
  Moisture LEVEL : 54.15
  Humidity: 62.50 %, Temp: 24.10 Celsius
  Moisture LEVEL : 44.28
  Humidity: 63.00 %, Temp: 24.10 Celsius

Sketch uses 5248 bytes (16%) of program storage space. Maximum is 32256 bytes.
Global variables use 279 bytes (13%) of dynamic memory, leaving 1769 bytes for local variables. Maximum is 2048 b
```