**Moisture Sensor**

Diagram, schematic

Description automatically generated

**Code:-**

#include<Servo.h>

Servo myServo1;

int servoPin 2

int sensor\_pin = A3;

int output\_value ;

void setup()

{

Serial.begin(9600);

Serial.println("Reading From the Sensor ...");

delay(2000);

myServo1.attach(servoPin);

myServo1.write(90);

}

void loop() {

output\_value= analogRead(sensor\_pin);

output\_value = map(output\_value,550,0,0,100);

Serial.print("Mositure : ");

Serial.print(output\_value);

Serial.println("%");

if (output\_value>15) {

myServo1.write(165);

Serial.println(Wet waste);

delay(5000);

myServo1.write(90);}

else {

myServo1.write(15);

Serial.println(Dry waste);

delay(5000);

myServo1.write(90);

}

delay(1000);

}