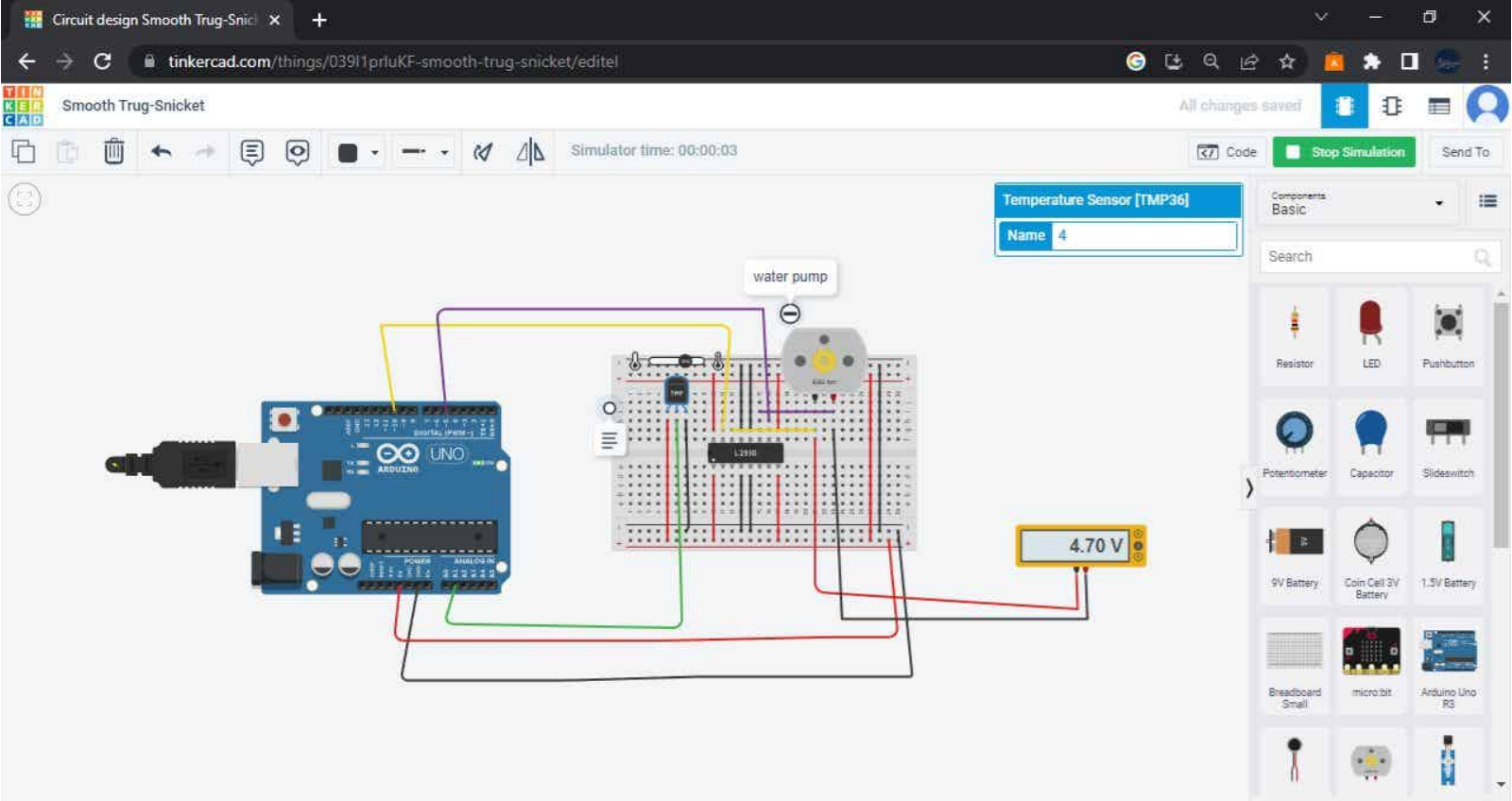


SMART FARMER - IoT enabled Smart Farming Application

Team ID:PNT2022TMID50299



Circuit design Smooth Trug-Snicket

tinkercad.com/things/039I1prluKF-smooth-trug-snicket/editel

Smooth Trug-Snicket

All changes saved

Code

Stop Simulation

Send To

Simulator time: 00:00:38.313

1 (Arduino Uno R3)

```
1 // C++ code
2 //
3 int Temperaturevalue = 0;
4
5 void setup()
6 {
7   pinMode(A1, INPUT);
8   Serial.begin(9600);
9   pinMode(10, OUTPUT);
10  pinMode(5, OUTPUT);
11 }
12
13 void loop()
14 {
15   Temperaturevalue = (-40 + 0.498155 * (analogRead(A1) - 20));
16   Serial.println(Temperaturevalue);
17   if (Temperaturevalue < 30) {
18     digitalWrite(10, HIGH);
19     digitalWrite(5, HIGH);
20   }
21   if (Temperaturevalue >= 45) {
22     digitalWrite(10, LOW);
23     digitalWrite(5, HIGH);
24   }
25   delay(10); // Delay a little bit to improve simulation performance
26 }
```

Serial Monitor

62
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