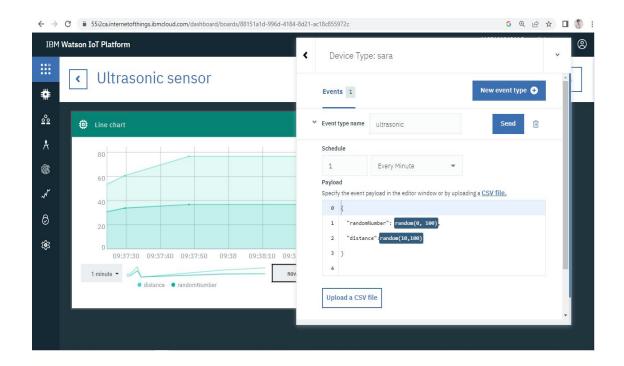
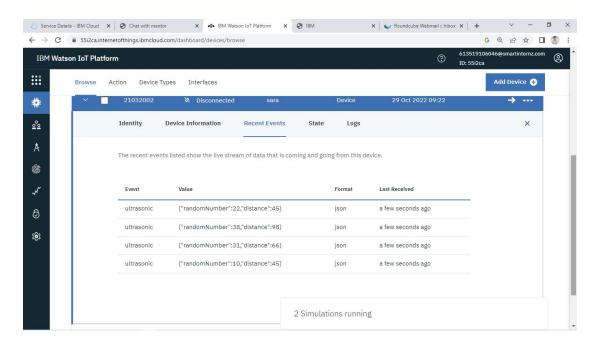
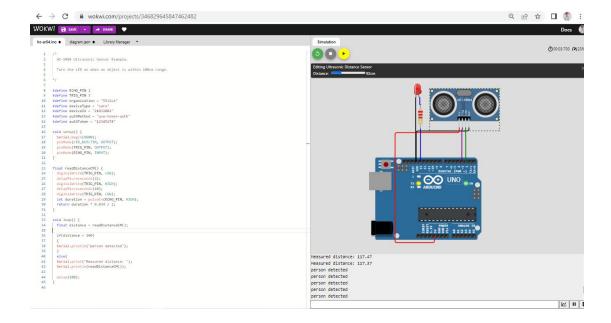
```
CODE
#define ECHO PIN 2
#define TRIG PIN 3
#define organization = "55i2ca"
#define deviceType = "sara"
#define deviceId = "21032002"
#define authMethod = "use-token-auth"
#define authToken = "12345678"
void setup() {
  Serial.begin(9600);
  pinMode(LED_BUILTIN, OUTPUT);
  pinMode(TRIG PIN, OUTPUT);
  pinMode(ECHO PIN, INPUT);
}
float readDistanceCM() {
  digitalWrite(TRIG_PIN, LOW);
  delayMicroseconds(2);
  digitalWrite(TRIG PIN, HIGH);
  delayMicroseconds(10);
  digitalWrite(TRIG_PIN, LOW);
  int duration = pulseIn(ECHO PIN, HIGH);
  return duration * 0.034 / 2;
}
void loop() {
  float distance = readDistanceCM();
  if(distance < 100)</pre>
  {
  Serial.println("person detected");
  else{
  Serial.print("Measured distance: ");
  Serial.println(readDistanceCM());
 delay(100);
}
```







LINK:

https://wokwi.com/projects/346829645847462482