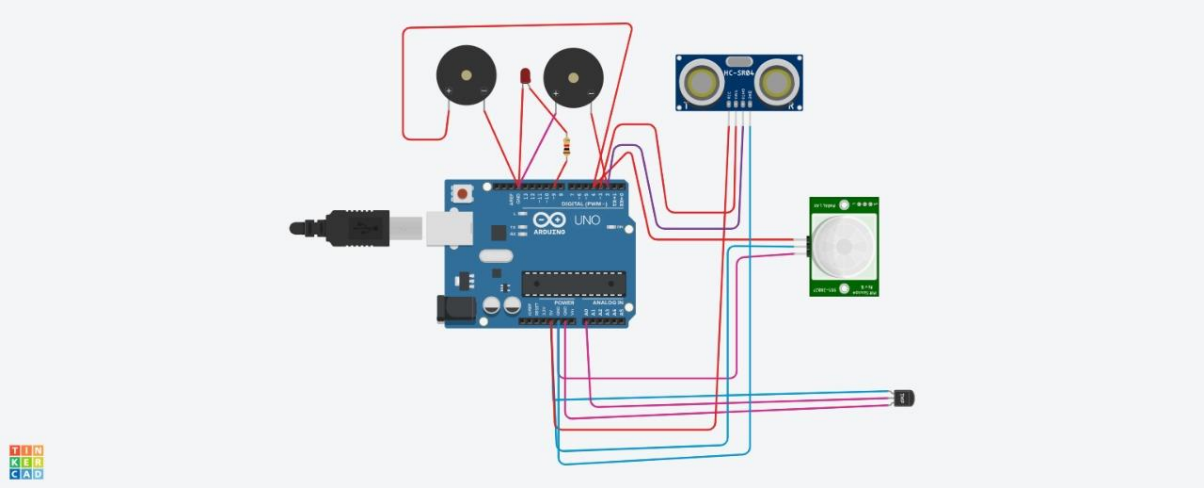

CODE

```
#include <LiquidCrystal.h>
#define echo 2
#define trig 3
float  duration;
float  distance;
int sensor_Input;
float temp;
LiquidCrystal lcd(13, 12, 11, 10, 9, 8);
void setup() {
   pinMode(trig, OUTPUT);
   pinMode(echo, INPUT);
   Serial.begin(9600);
   lcd.begin(16, 2);
 }
 void loop() {
   time_Measurement();
   distance = duration * (0.0343) / 2
   display_distance();
   measure_Temp();
 }
```

```
 void time_Measurement()
 {
  digitalWrite(trig, LOW);
  delayMicroseconds(2);

  digitalWrite(trig, HIGH);
  delayMicroseconds(10);
  digitalWrite(trig, LOW);

  duration = pulseIn(echo, HIGH);
 }
void measure_Temp()
 {
  sensor_Input = analogRead(A0);
  temp = (float)sensor_Input / 1024;
  temp = temp * 5;
  temp = temp - 0.5;
  temp = temp * 100;
        Serial.print("Temp in C: ");
  Serial.print(temp);
  Serial.println();
 }
 void display_distance()
 {
  Serial.print("Distance in Cm: ");
  Serial.print(distance);
  Serial.println();
  delay(1000);
  }
```