

**TEAM ID:PNT2022TMID29275**  
**ASSIGNMENT - 1**

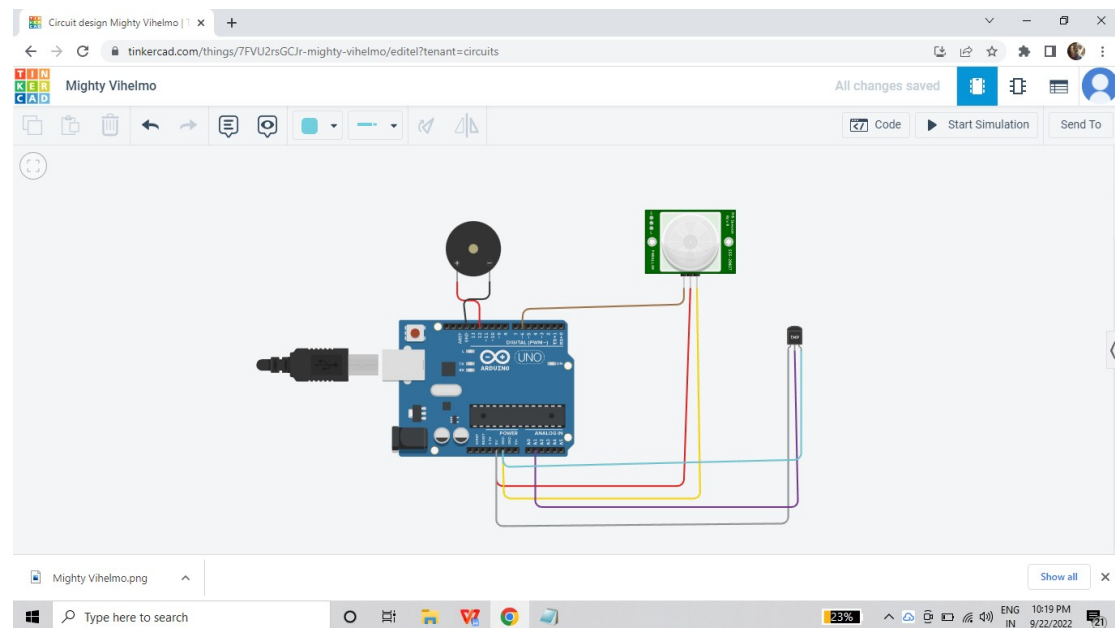
Make a smart home in tinkercad using 2+ sensors

**Project Code :-**

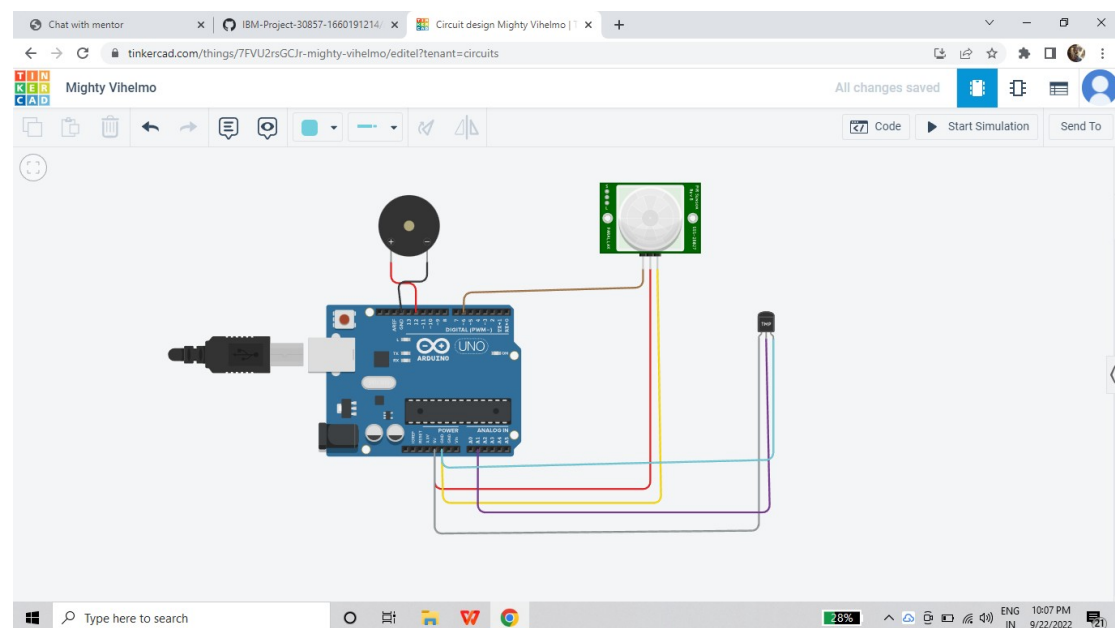
```
// C++ code
//
float temp;
void setup()
{
  pinMode(6,INPUT);
  pinMode(12,OUTPUT);
  Serial.begin(9600);
}

void loop()
{
  if(digitalRead(6)==HIGH){
    tone(12,523,1000);
    Serial.println("Unknown detected");
  }
  else{
    noTone(12);
  }
  temp=analogRead(A1);
  temp=temp*0.48828125;
  if(temp>=110.84){
    tone(12,100,2000);
    Serial.print("Above 60 c Temperature...");
  }
  else{
    noTone(12);
  }
}
```

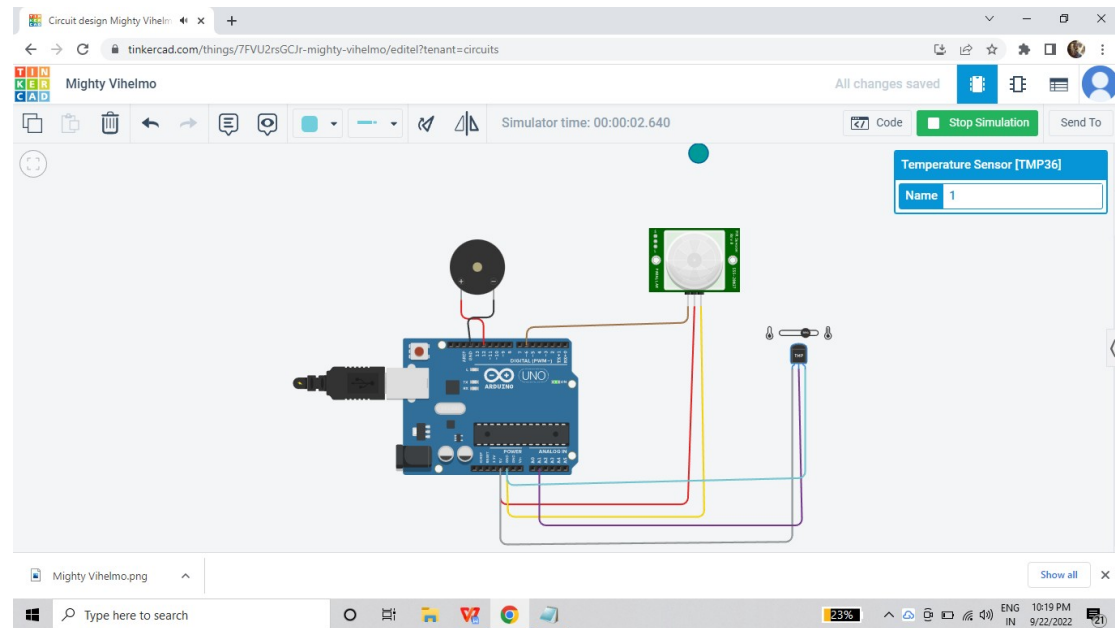
## Circuit Diagram using Tinkercad :-



## Output using PIR sensor :-



## Output using tmp36 sensor :-



## Done by :-

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