SMART HOME USING TINKER CAD

CODE

```
//arduino with pir and temperature sensor
void setup()
{ Serial.begin(9600);
  pinMode(2, OUTPUT);
  pinMode(8, OUTPUT);
  pinMode(4, INPUT);
  pinMode(A0,INPUT);
}

void loop()
{int value=0;
 int value1;
value=digitalRead(4);
 Serial.println(value);
value1=analogRead(A0);
value1=value1*0.48828125;
Serial.println(value1);
if(value == LOW)
{

   digitalWrite(2,HIGH);
   Serial.print("LED GLOW");

}
  else
{
  digitalWrite(2,LOW);
  Serial.print("LED OFF");
```
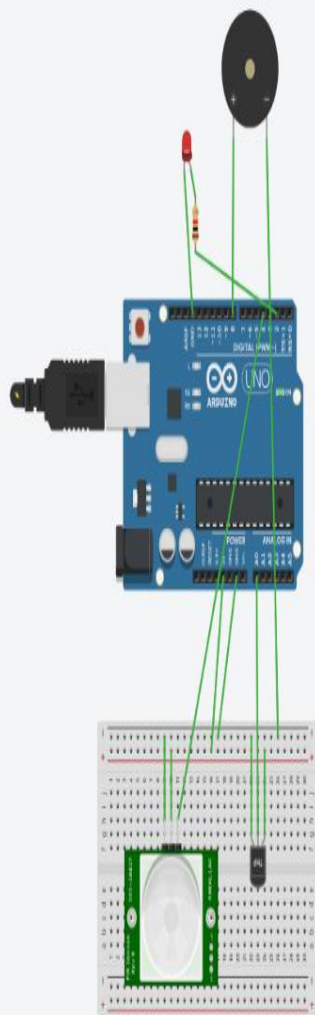
```
  }
if (value1>45)
{digitalWrite(8,HIGH);}
else
{digitalWrite (8,LOW);}
  }
```

BLOCK DIAGRAM

Title:	Super Jaiks	
Date: 17/9/2022, 4:01:39 pm		Sheet: 1/1