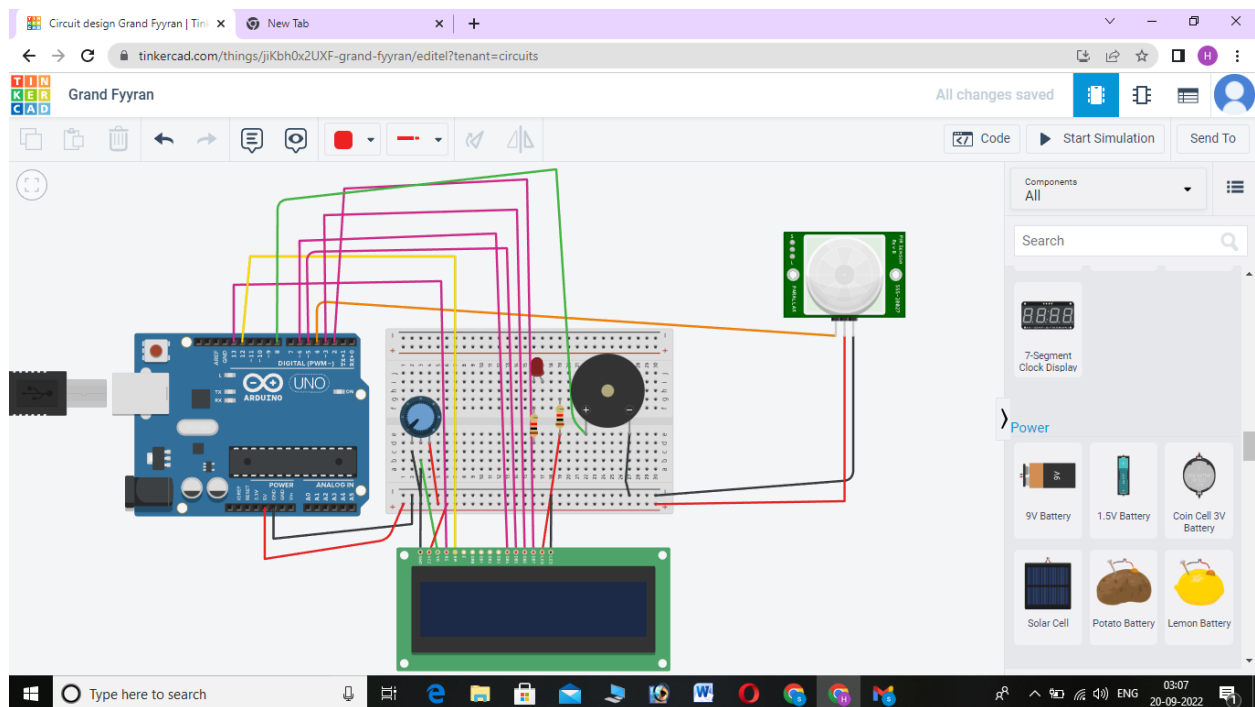


SMART HOME USING TINKERCAD



CODE

```
#include <LiquidCrystal.h>
LiquidCrystal lcd(13,12,6,5,3,2);
int led=7;
int PIR=4;
int buzzer=8;
int PIRstatus;

void setup()
{
  lcd.begin(16,2);
  pinMode(led, OUTPUT);
  pinMode(buzzer, OUTPUT);
  pinMode(PIR, INPUT);
```

```

    lcd.clear();
}

void loop()
{
    PIRstatus=digitalRead(PIR);
    if (PIRstatus==HIGH){
        lcd.clear();
        digitalWrite(led, HIGH);
        digitalWrite(buzzer, HIGH);

        digitalWrite(buzzer, HIGH);
        tone(buzzer, 300, 10000);
        lcd.setCursor(0,1);
        lcd.print("ALERT");

        delay(7000);
        lcd.clear();
    }
    else
    {
        lcd.setCursor(0, 0);
        lcd.print("SAFE");  digitalWrite(led, LOW);
        digitalWrite(buzzer, LOW);}
        delay(1000);
    }
}

```