

SRI KRISHNA COLLEGE OF TECHNOLOGY
IoT Based Smart Crop Protection System for Agriculture
Assignment 1

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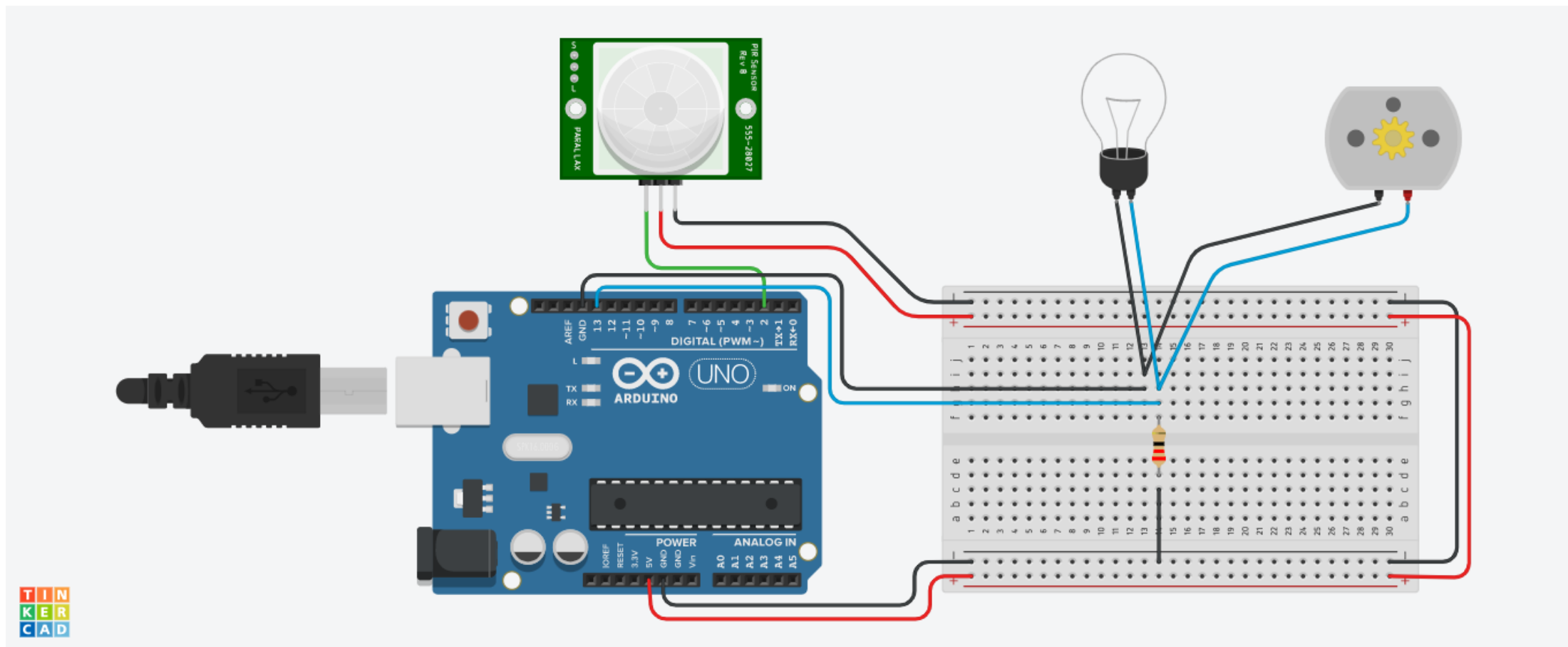
Home Automation System

Arduino Code:

```
void setup()
{
  pinMode(13,OUTPUT);
  pinMode(12,INPUT);
}
void loop()
{
  pirsensor = digitalRead(2);
  if (pirsensor==HIGH)
  {
```

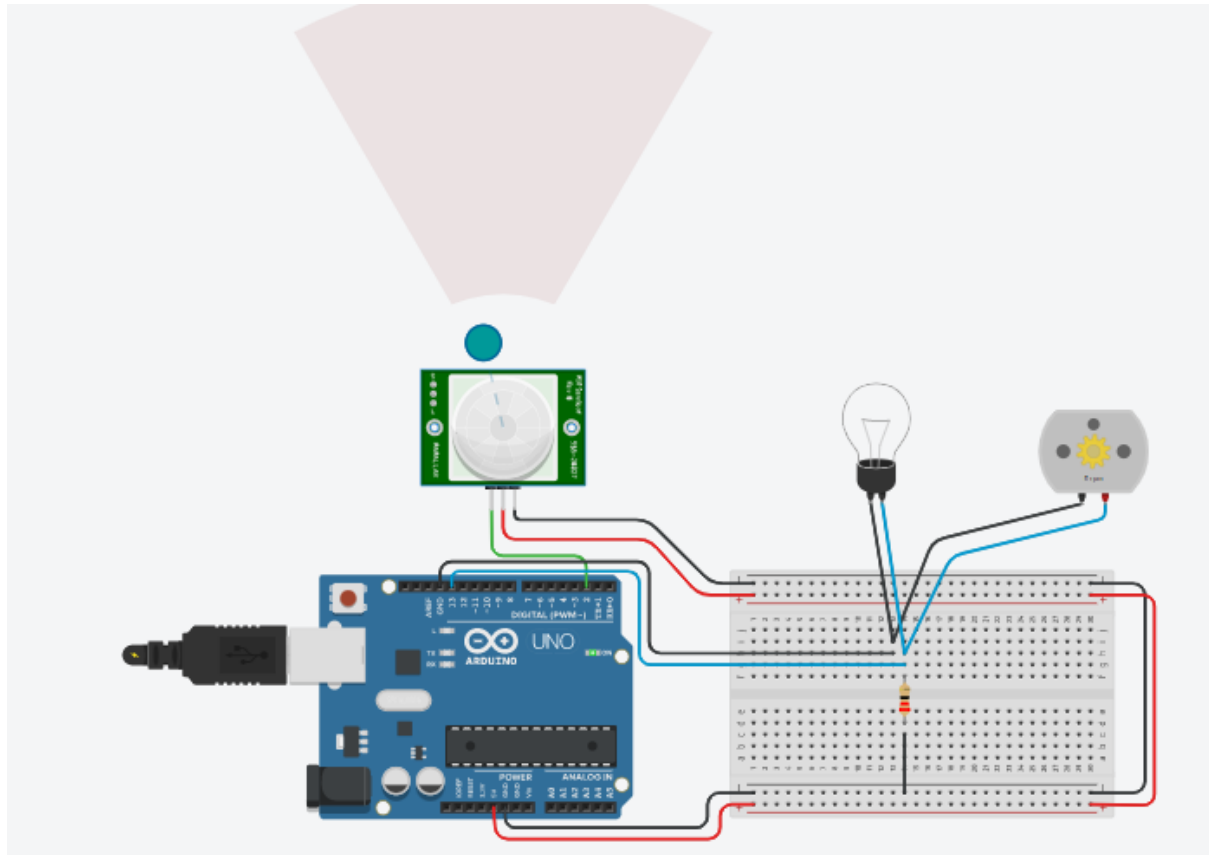
```
    digitalWrite(13,HIGH);
    delay(10000);
  }
  else
  {
    digitalWrite(13,LOW);
    delay(120);
  }
}
```

Tinkercad diagram

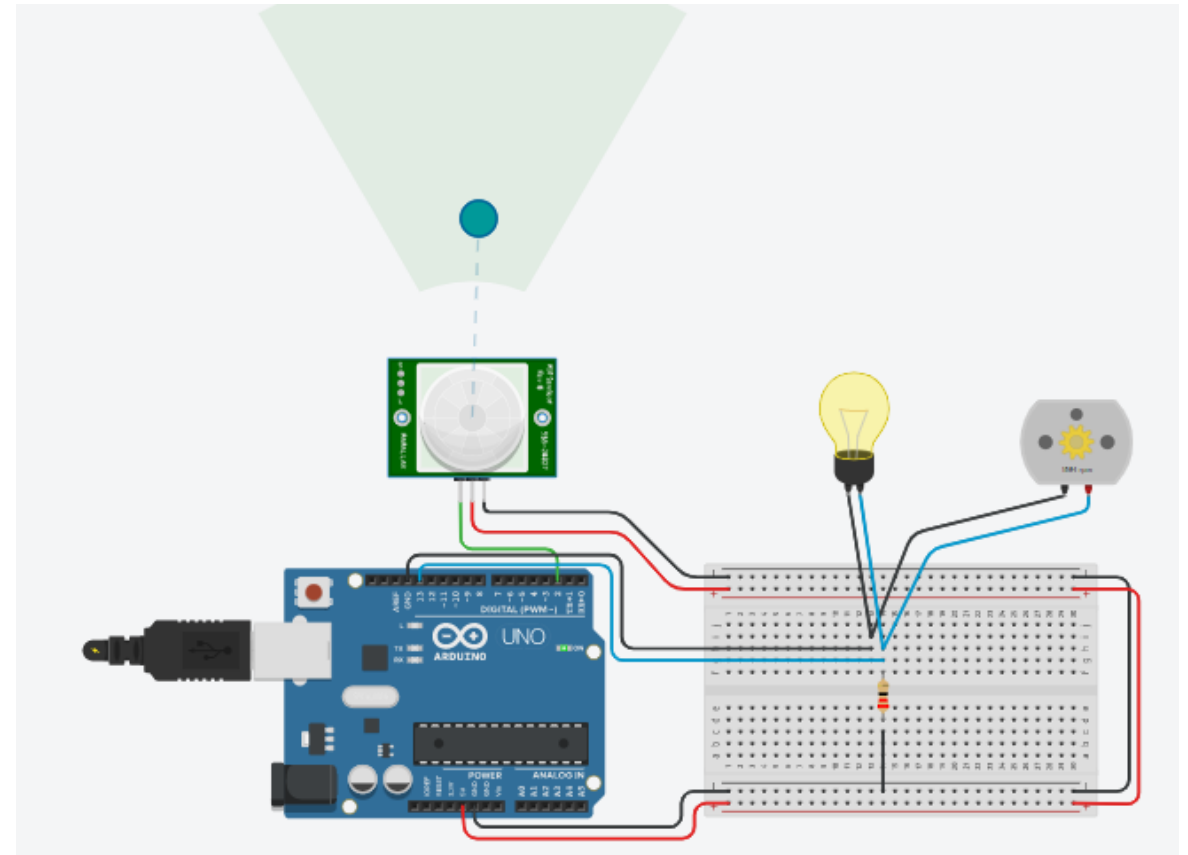


Tinker Cad Link:

<https://www.tinkercad.com/things/idTlozEc50B-bodacious-elzing-luulia/editel?sharecode=x-IFDPtXyjevzfIJQY4rSImlt1TMLeStJLAsX4QF9BQ>



When person is not in room, Fan and lights are OFF



When person is in room, Fan and lights are ON