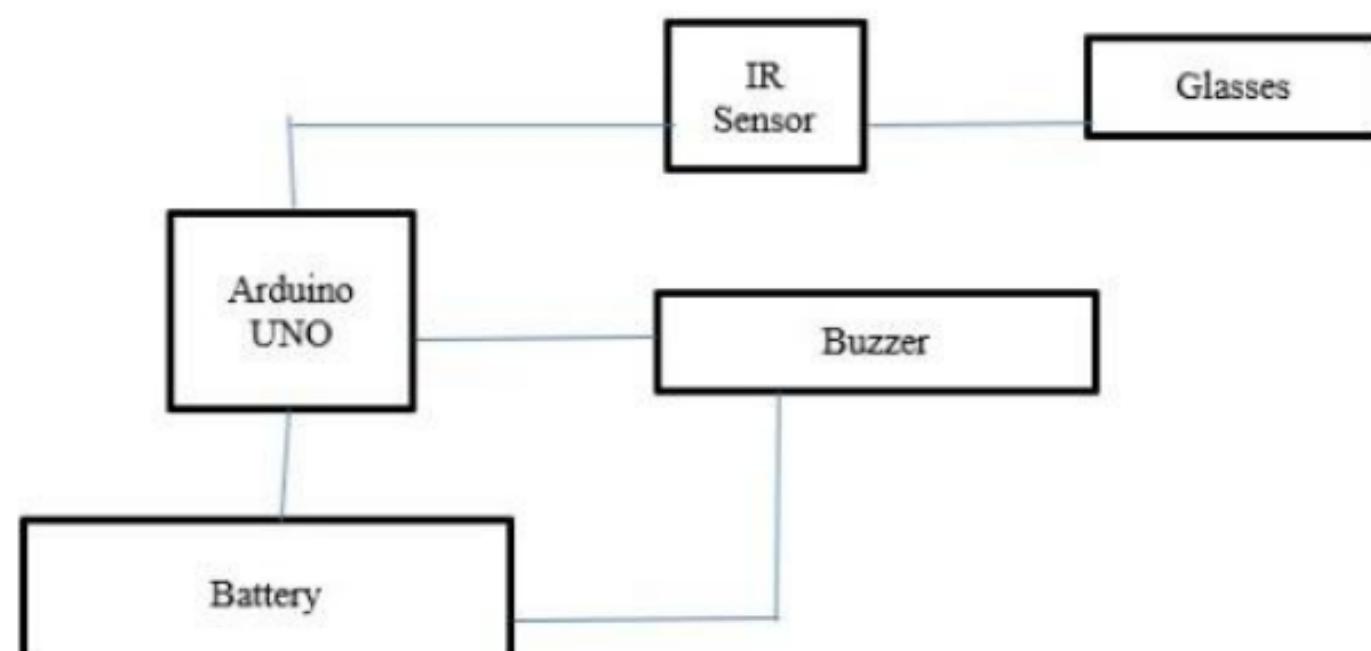


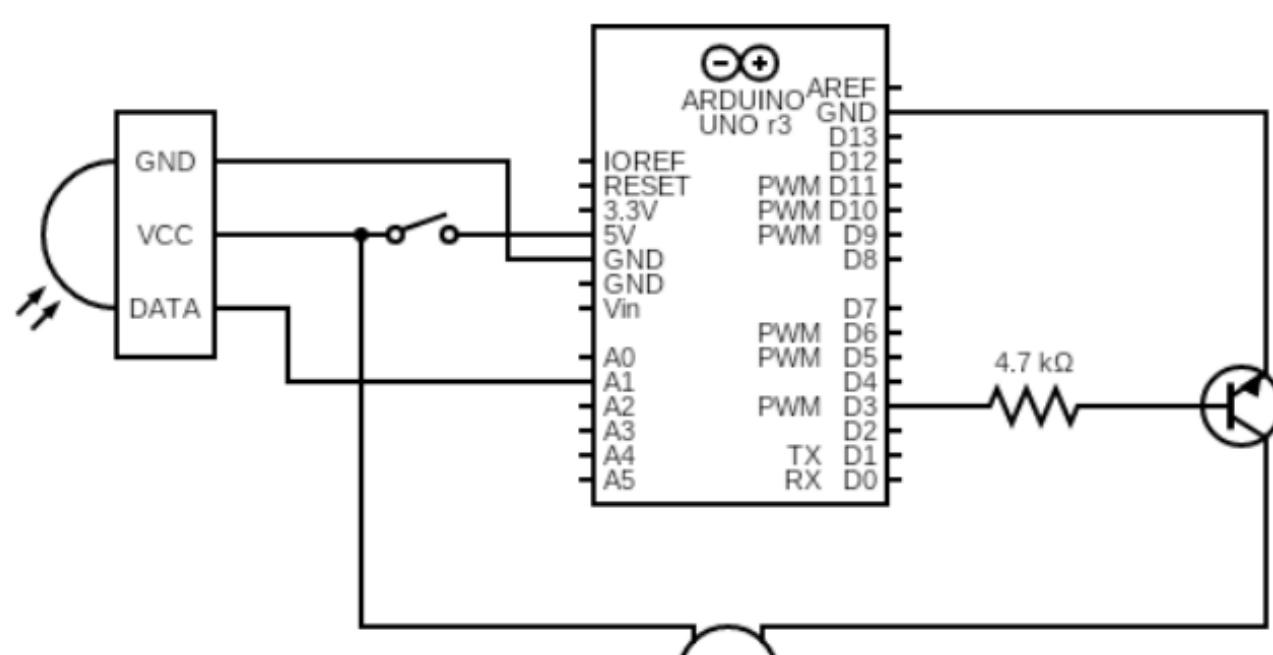
Objectives:

- Anti-Sleep glasses alerts the driver whenever he is getting into sleep while driving the vehicle.
- This glasses prevent such consequences of accident. we can use this gadget to alert the driver when he feels drowsiness.

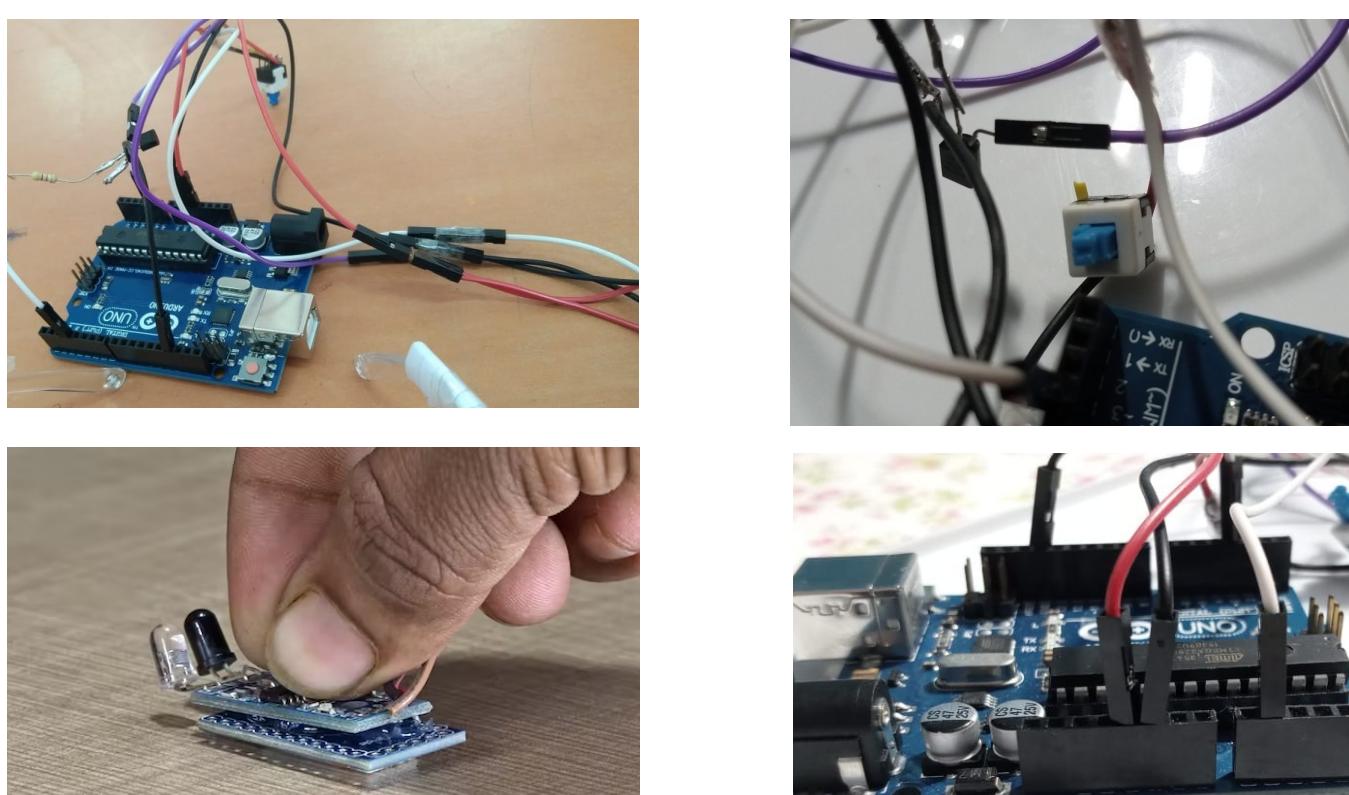
Block Diagram:



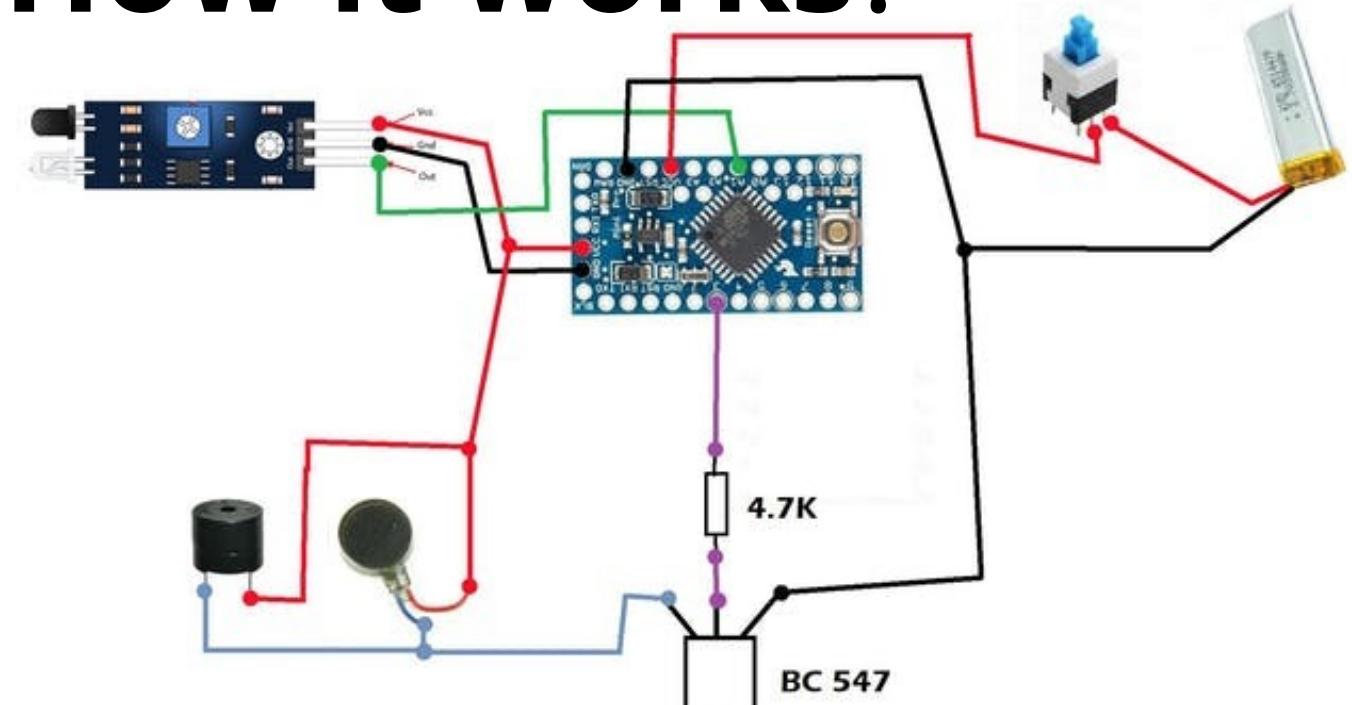
Circuit Diagram:



Experimental Setup:

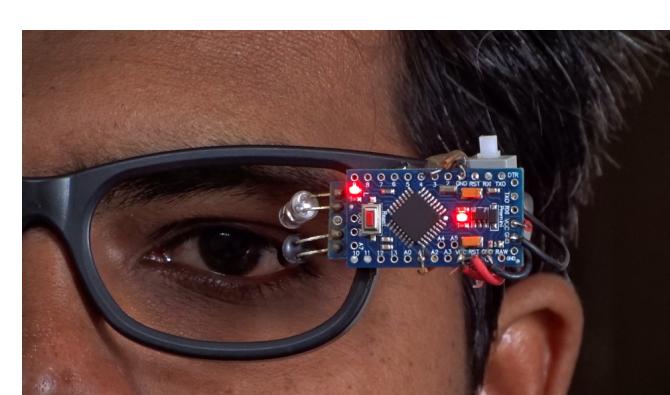
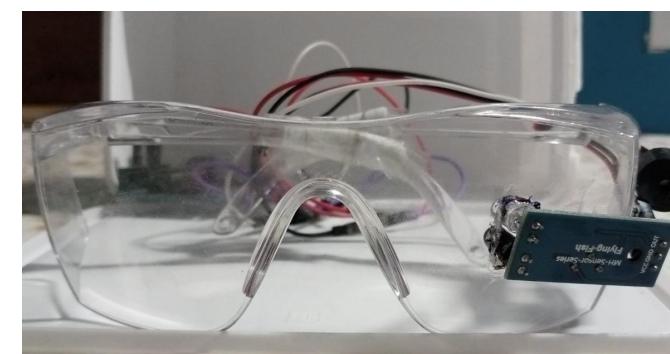


How it works?



Result:

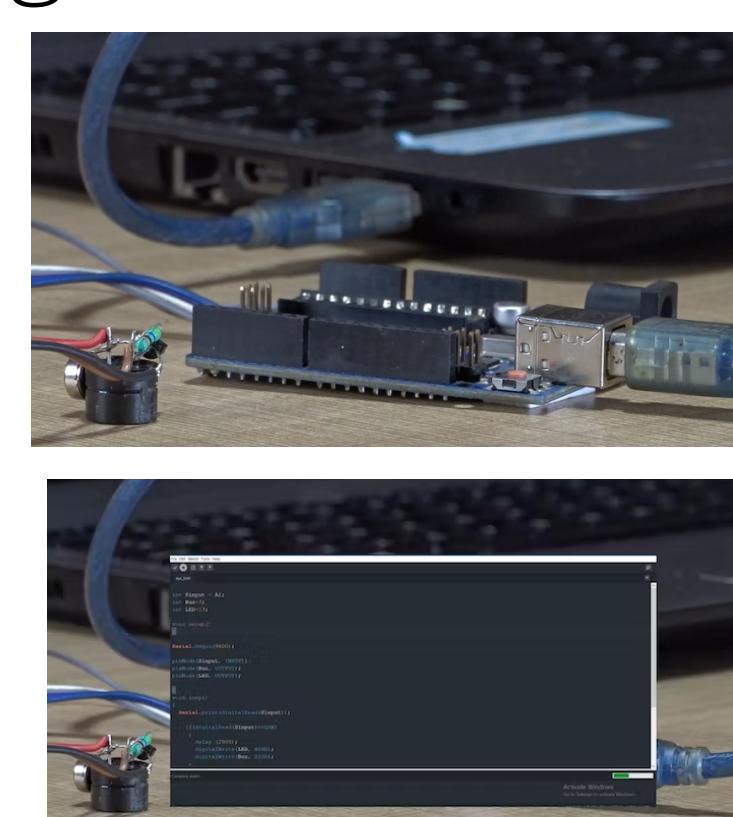
Hardware Design:



Software Design:

```

File Edit Sketch Tools Help
Sketch: 1.ino
int LED = 12;
void setup()
{
  Serial.begin(9600);
  pinMode(Sinput, INPUT);
  pinMode(Buz, OUTPUT);
  pinMode(LED, OUTPUT);
}
void loop()
{
  Serial.print(digitalRead(Sinput));
  if(digitalRead(Sinput) == LOW)
  {
    delay(2000);
    digitalWrite(LED, HIGH);
    digitalWrite(Buz, HIGH);
  }
  else
  {
    digitalWrite(LED, LOW);
    digitalWrite(Buz, LOW);
  }
}
  
```



Conclusion:

- These Anti-sleep glasses has been experimentally proven to work by using Arduino.
- The system assesses the ability of conducting safe driving and notifies the driver for any dangerous situation.
- safety actions are to be performed by an embedded vehicle controlling system to give more efficiency for the system.