

NIXOHOLIC

Let's be better!

TEAM MEMBERS:

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The Real Problem

1 death/4mins



Road accidents

➤➤ Statistically articulating ,

2015 was the worst year 16000 cases
road accidents out of 5 lac due to drunk
and drive.

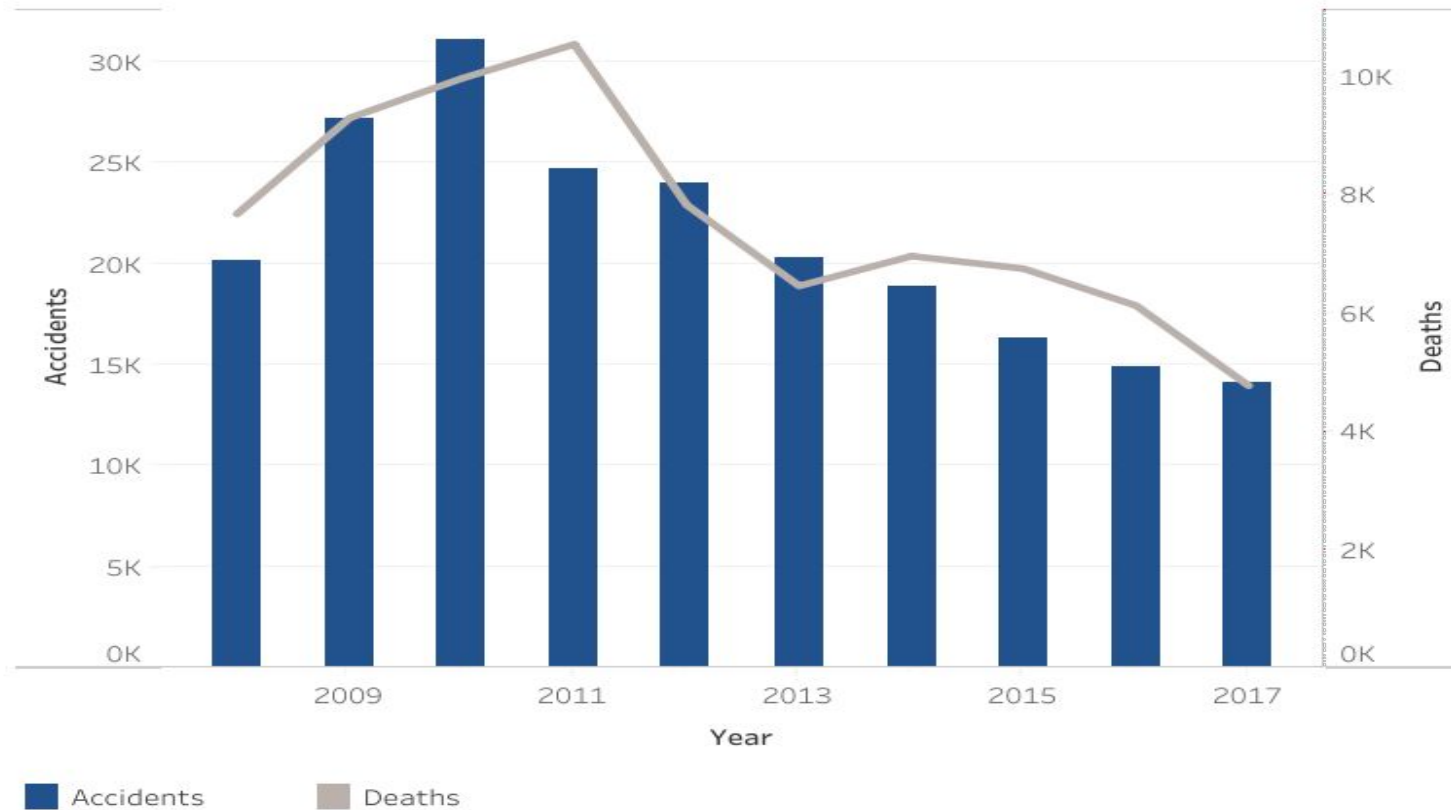


Source:

<https://thumbs.dreamstime.com/b/drunk-driving-make-car-accident-beer-lifting-crashed-no-parking-signs-illustration-description-to-case-73237087.jpg>

Road Accidents Due To Driving Under Influence Of Alcohol/Drugs, 2008-17

SOURCE-scroll.in



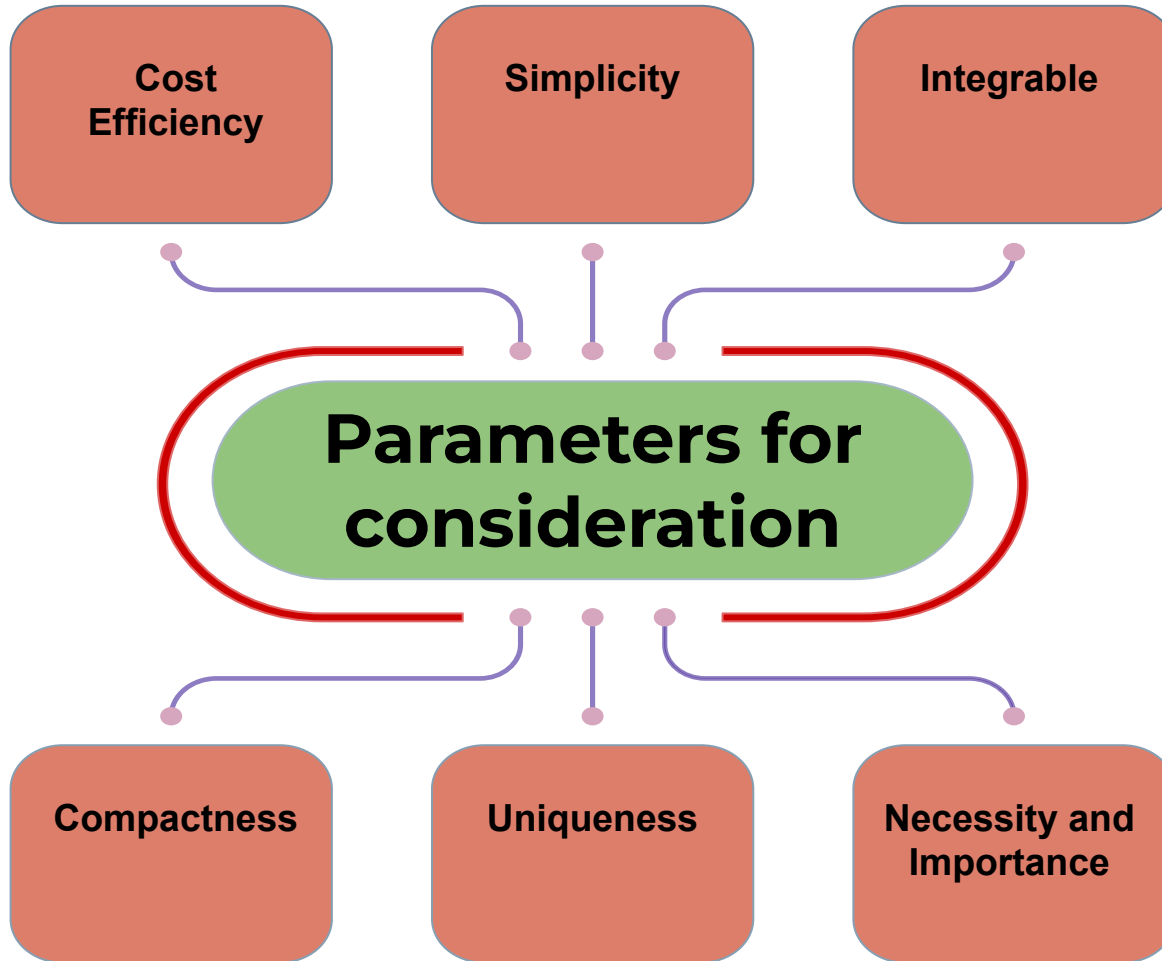
Initiative Impact and Scope



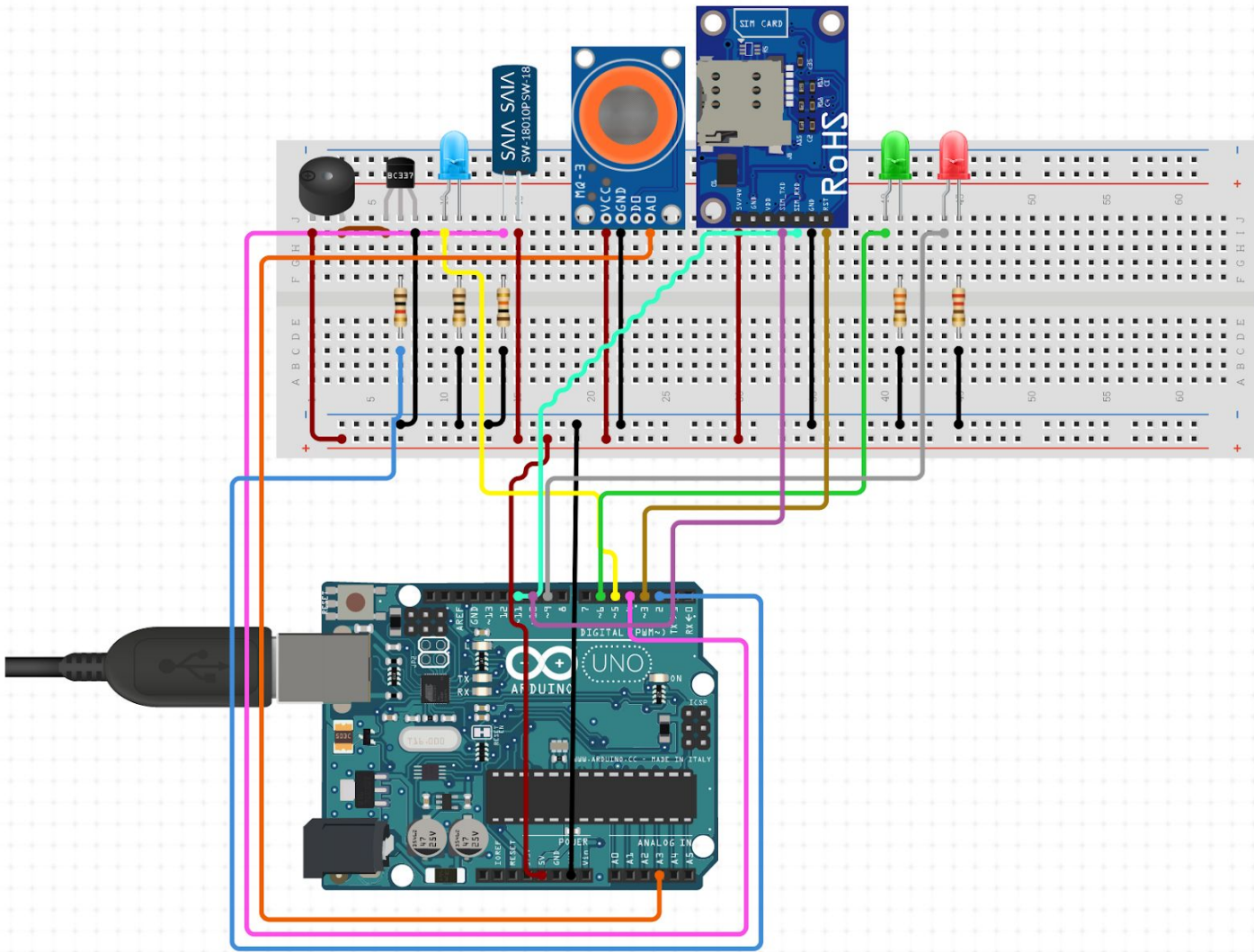
◆ AIM

The aim of the project is to be able to create an alcohol and seat belt detection system that changes the mentality of the common automobile users and help the better their paths for a safer life.





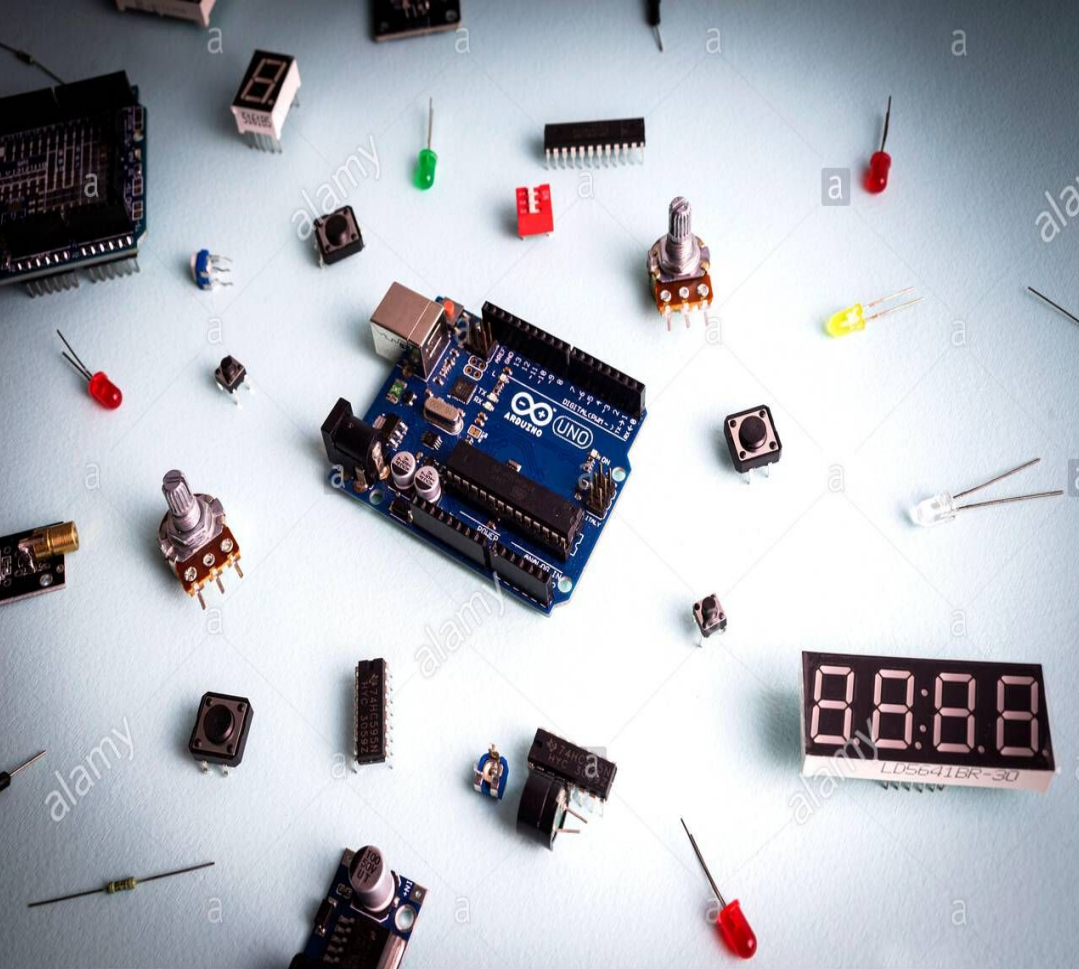
Alcohol Detection System



Alcohol sensors



An alcohol sensor detects alcohol gas in air and an analog voltage is an output reading. The sensor can trigger at temperatures ranging from -10 to 50 degree C with a power supply less than 150 Ma to 5V .



Components

- Three LED Lights: Red, Green, Blue.
- Resistors of various resistances.
- Buzzer
- Vibration Sensor
- Transistor
- GSM Module
- Alcohol Sensor
- Jumper Cables
- Arduino Uno
- Breadboard

The Prototype

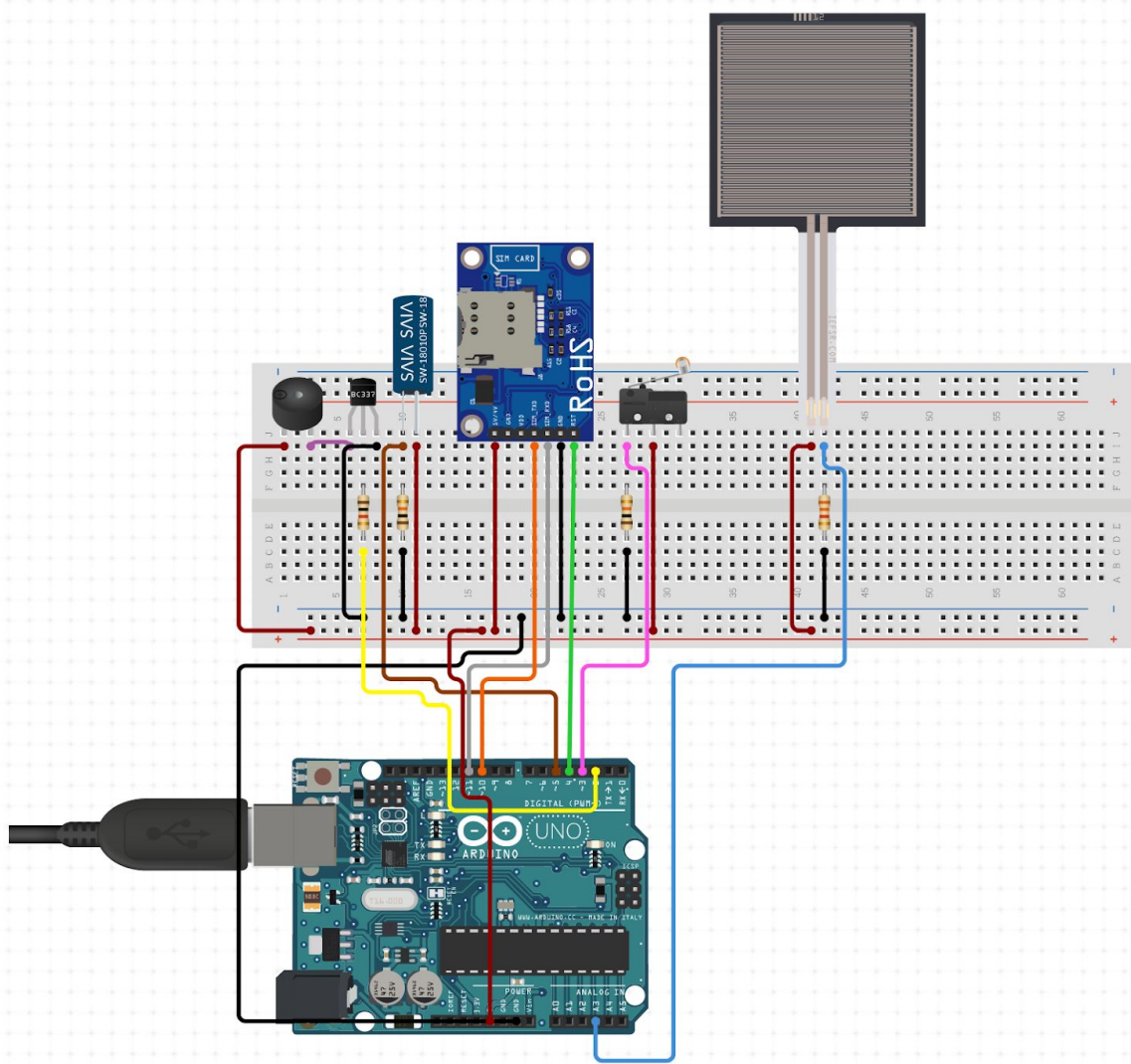
ALCOHOL SENSOR

CIRCUITO.IO

clideo.com

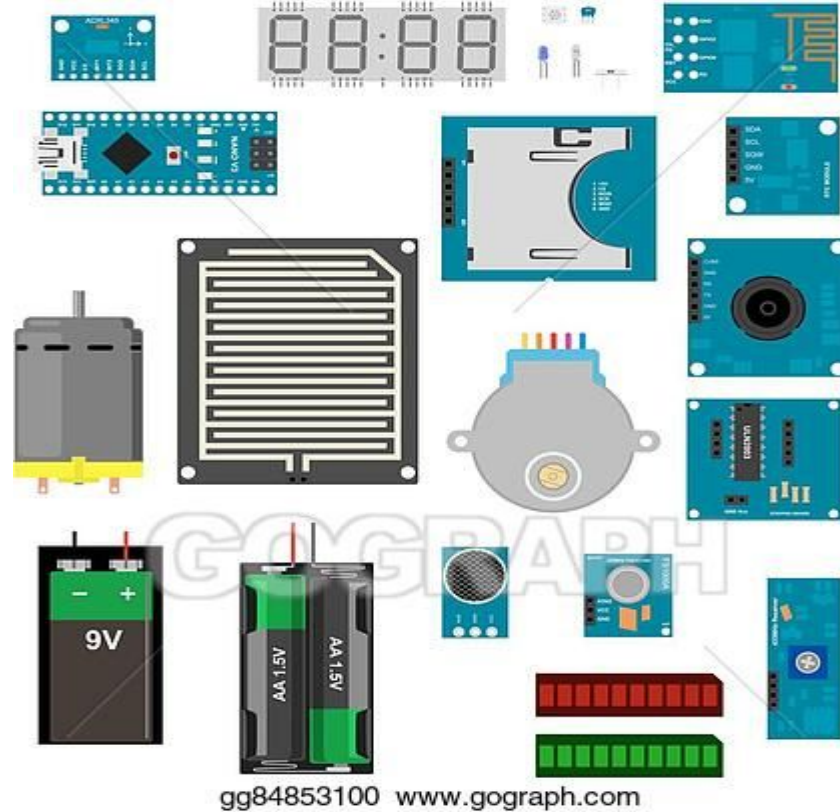


Seat belt Detection System

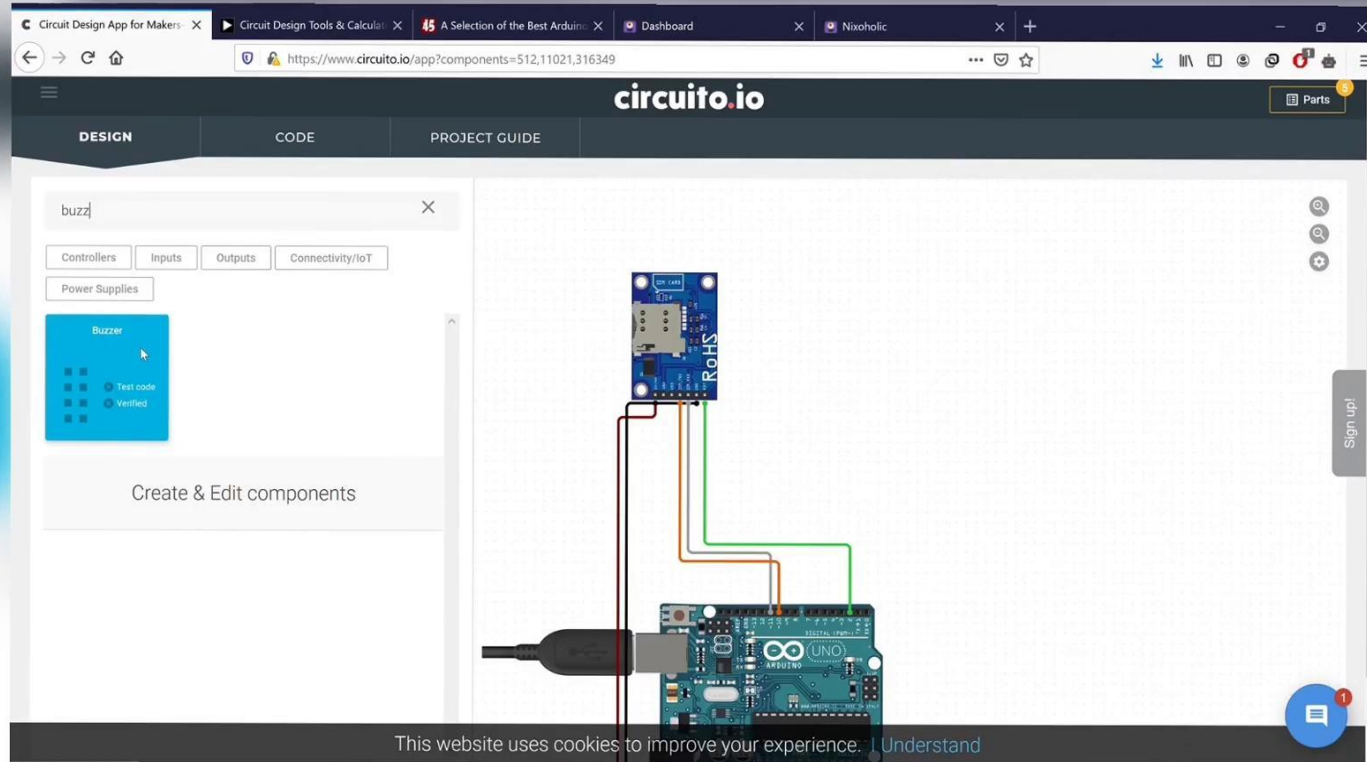


Components

- Arduino UNO
- Buzzer
- Resistors of various resistances
- Force Sensitive Sensor
- Vibration Sensor
- Transistor
- GSM Module
- Micro Switch
- Jumper Cables
- Breadboard



The Prototype



MOBILIZATION

- This design can be used in any vehicle irrespective of company/model.
- it comes under one-time investment as viability of our design is more than the vehicle

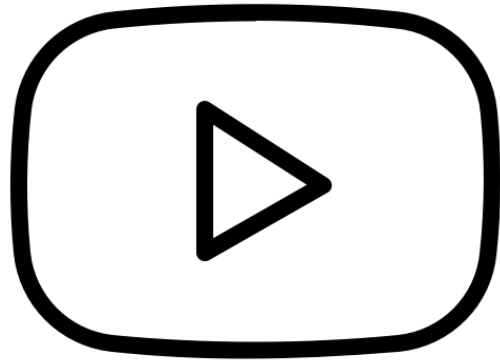




Our Website



<https://sites.google.com/st.niituniversity.in/nixoholic/home>



Our Social Media Handle

YouTube

https://www.youtube.com/channel/UCrkQwOIm06grWpScLIUA5NQ/featured?view_as=subscriber

Instagram

<https://www.instagram.com/nixoholic/>

Mail to Office of Ministry of Road Transport And Highways

Road Safety Project Inbox x



Ayush Pandey <ayush.pandey19@st.niituniversity.in>

3:19 PM (4 minutes ago)



to wadekarll ▾

Respected Sir,

Sir I am Ayush Pandey an engineering student of Niit University, Neemrana. I along with my group is working on an project and are planning to start a company named Nixoholic. The project is about alcohol and seat belt detection system. Which ensures the safety of the passanger and can be applied to the existing vehicles at a minimal cost. The idea and the prototype is been attached to this mail. The site of the company is also mentioned. We wanted to know if the idea can be implemented with the help of the government.

We will be waiting for your positive reply on our proposal.

Company site - <https://sites.google.com/st.niituniversity.in/nixoholic/>

Regards,

Ayush Pandey

Helping Government



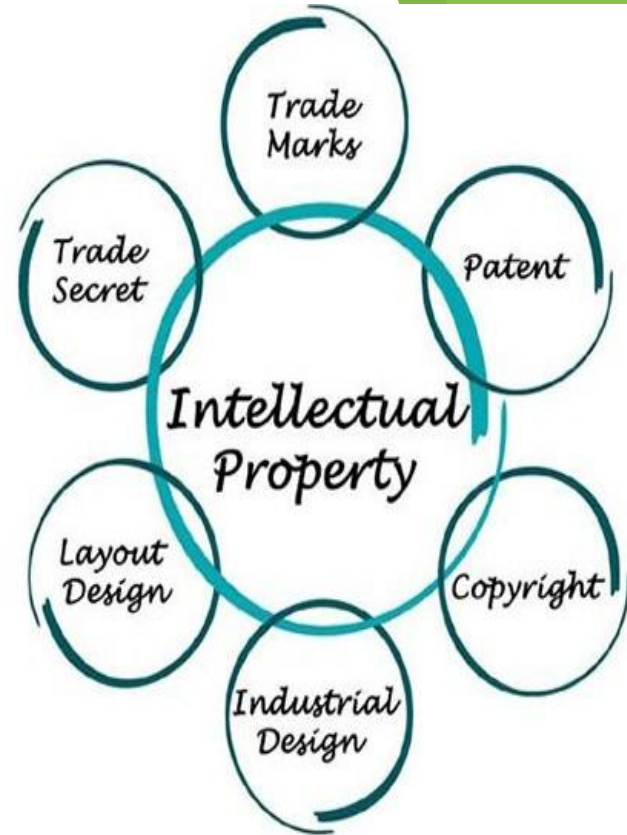
Source: Indianexpress

Environmental sustainability and the cost



The approximate cost involved in making of the project is around 25 dollars.

- The components of our design may not be patented but the idea of our design can be done so.
- We believe we can easily end up with a utility patent and will also try for a design patent.
- We are still examining for other models in the market to figure out whether our design can be an IP or not.



THANK YOU