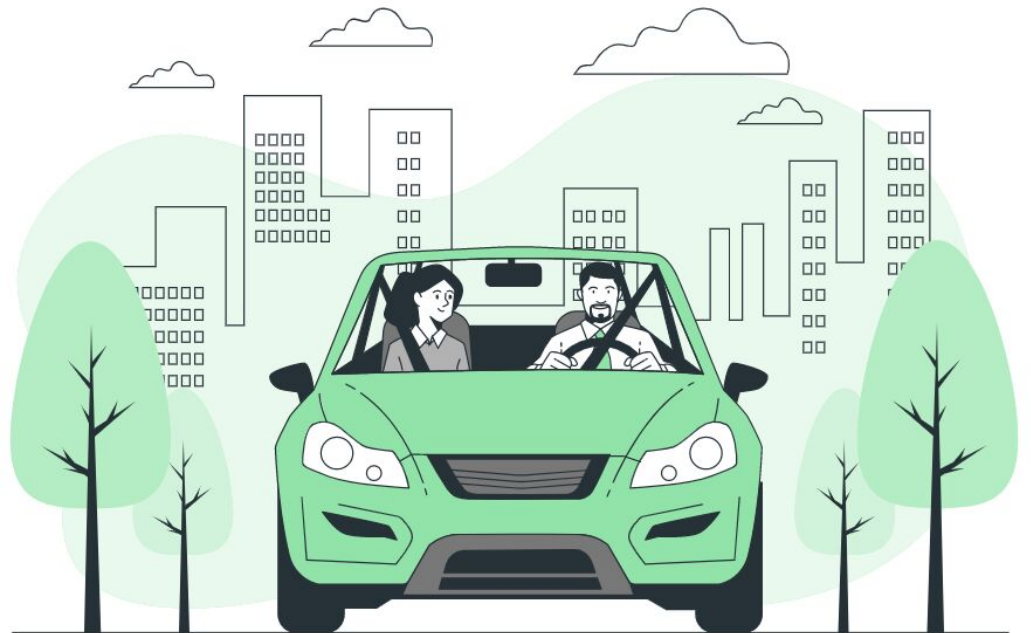# The D.O.T.A.

Together, we make a
happy family

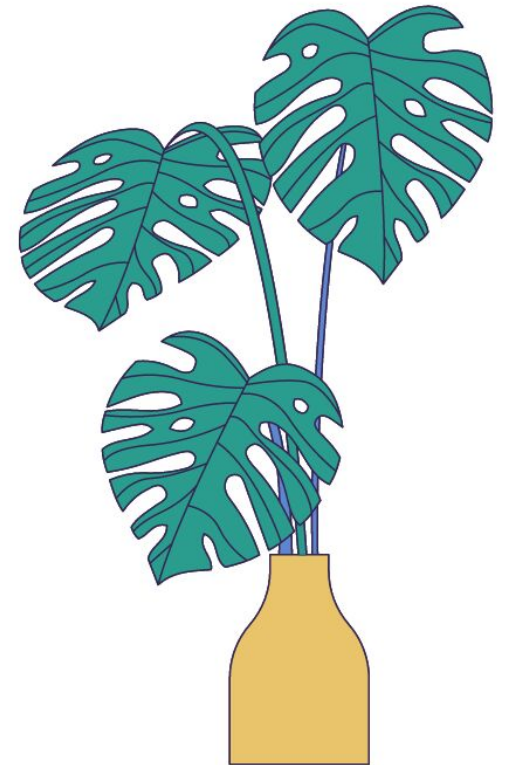# The Driving World Today

328,000

Drowsy driving crashes annually

found out in a study conducted by AAA Foundation

About 40%

of the road accidents are responsible due to

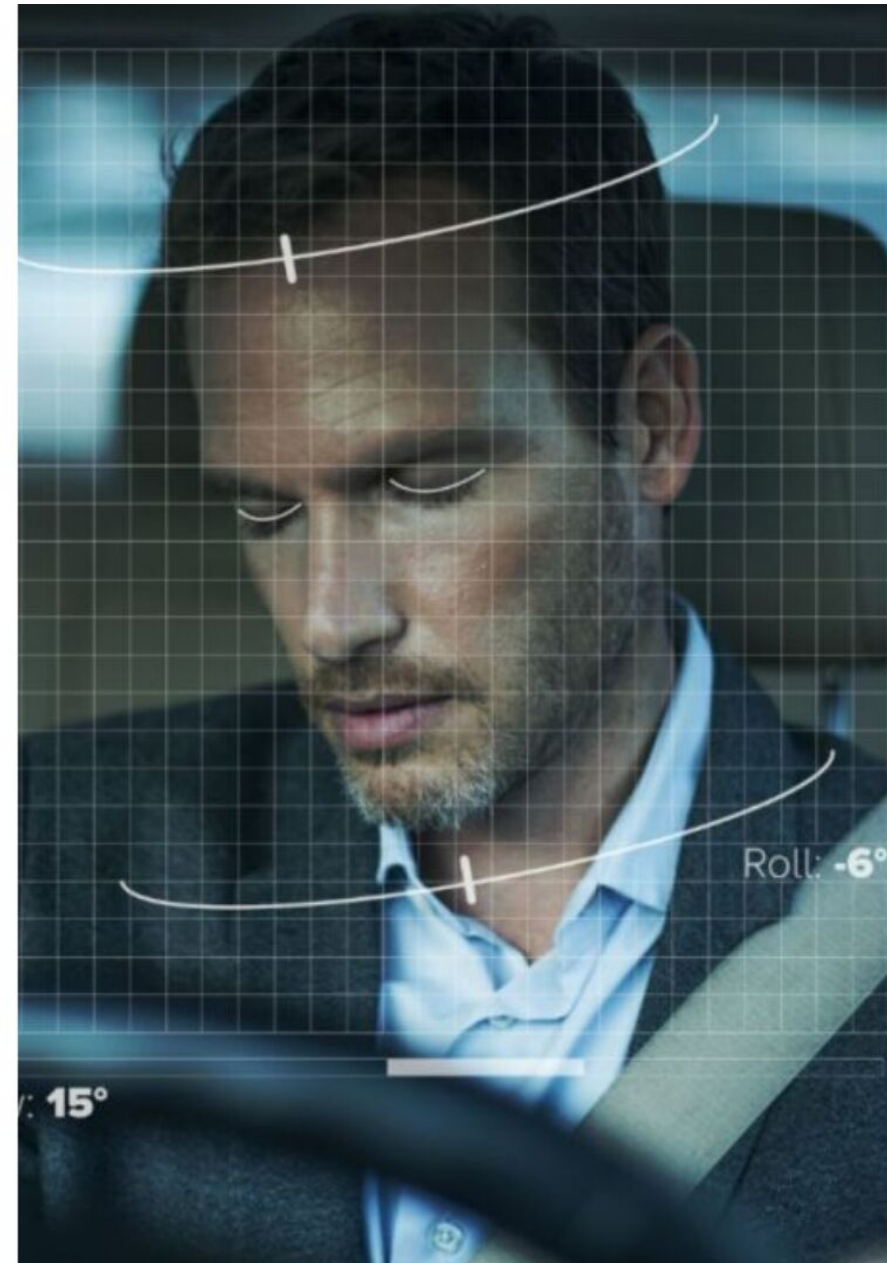**drowsy driving behaviour**

This has been a major Problem !!

"Something we see an increase in is that drowsy driving causing a lot of crashes."

"Driving drowsy can be just as bad as if you are under the influence."
We believe this is a major problem we face in modern driving times. Something which should've been tackled long ago.
So...

we present to you

The DrowZ

Let's drive to get nigh

The DrowZ

Tonight, we'll make your travel safer to allay your family's worries
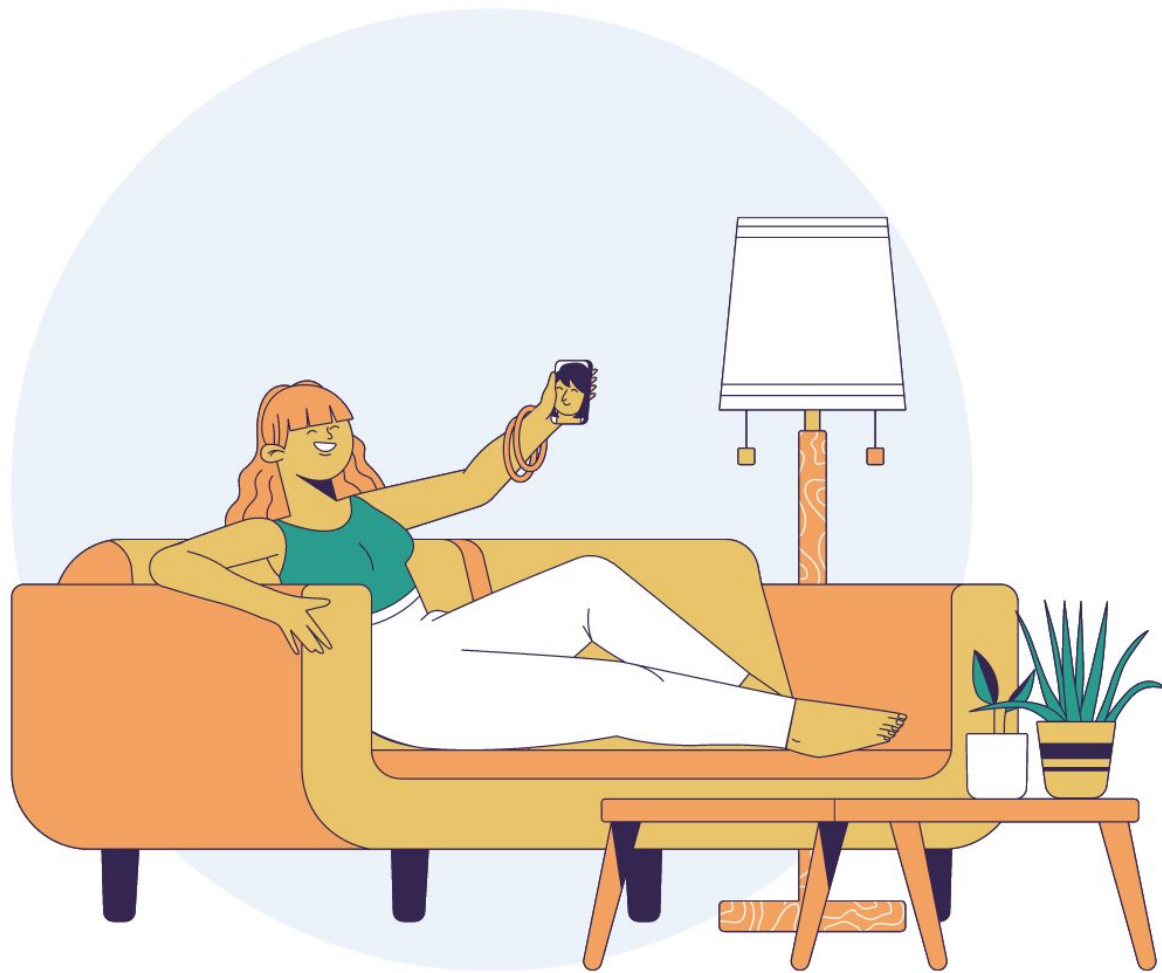
Features

Sets out an alarm on detecting a drowsy behavior by the driver using facial scans and gfit sleep monitoring to check for vulnerabilities

A program to keep an eye out on you for when you're at your most vulnerable

Benefits

Caters to the sleepy heads to prevent them from falling asleep behind wheels along with notifying the family with a live location if required

Close together or far apart, We always plan on keeping your family closer together

so we present to you :

The Z-Recog

Biometric Scans

add your facial scans to login to access personalised car experience using our website

Keyless Car access

remotely grant access to the car to your family members with their face-ids stored without needing a key

Secure Face and SMS Authentication

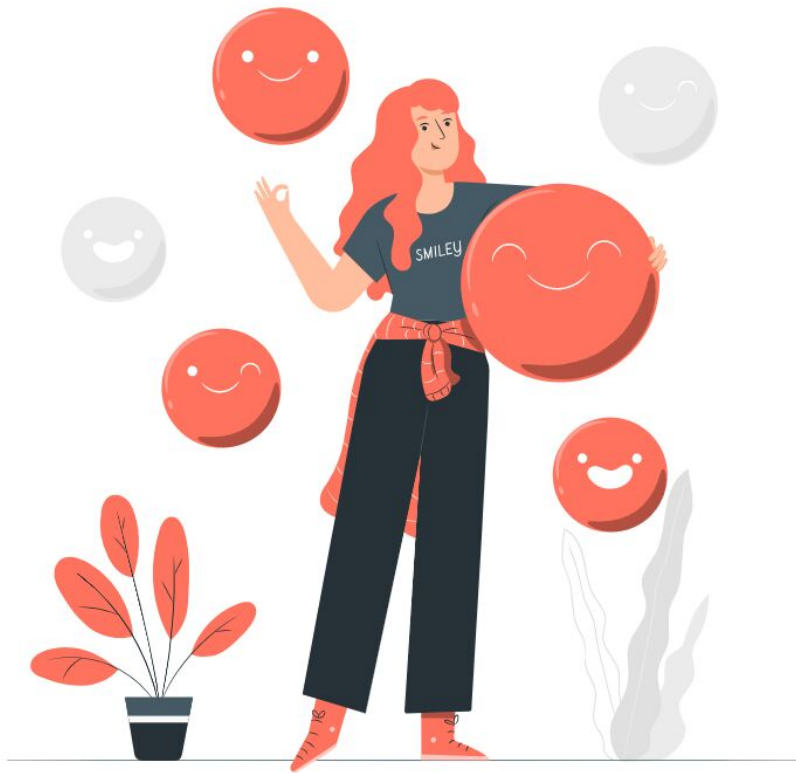2-step verifications making the keyless logins secure

Now let's think

Your wife is driving back home in an upset mood and you're at home watching the champions league. You wouldn't want to be on the wrong side of the argument.

You would definitely want to be warned about this before-hand

Let us help you out....

The Z-Smile

- It examines the live video stream and evaluates the driver's facial expressions.

- It reduces the range of feelings to a single basic mood and communicates that mood to the related individual.

- Based on this insight, you may just leave some flowers, scrumptious food, and freshly made mocktails out for her.

It's Extremely Easy to implement

1

Resources

All this product requires is a driver's cam and car's processing

2

Great user experience through a website

The user could add face-ids as well as control the whole system using our website

3

Messaging based communication

The product sends you all the required information through messages.

Our shortcomings

Even after making bold statements, we still fall short on some aspects

The methodology could be slightly inaccurate at times. Apart from the DrowZ, the other models can be accurate only up to 85%.

Our models still need further testing under real-life situations to be implemented commercially.