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Project Title: Signs with Smart Connectivity for Better Road Safety

1.CUSTOMER SEGMENT(S)

Persuade local communities to participate in workshops on an understanding of

road safety rules in India.

2. JOBS-TO-BE-DONE / PROBLEM

Driving at speed significantly increases

and the severity of its consequences

people want to get to where they are

Poor Road Lighting. ... Beating the Red Light. ...

Distracted Driving. ...

both the likelihood of a crash occurring.

Drunk Driving. Most people are engaged in having fun after a long day. ...

Overspeeding. Living in a fast-paced era,

supposed to be in the fastest way possible.

Team ID: PNT2022TMID47389

fit into

Conclusion.

3. TRIGGERS

Persuade local communities to participate in workshops on an understanding of road safety rules in India.

Road safety education is as essential as any other basic skills of survive

6. CUSTOMER CONSTRAINTS

9. PROBLEM ROOT CAUSE

cause of road accidents in the

Overspeeding remains the major

country with almost 71% (3,19,028)

accidents in 2019 occurring due to

injuries to another 3,26,850 (72.4%)

10. YOUR SOLUTION

Sensors will help map the dynamic risk of the

can be used by road maintenance agencies to

prevent accident-prone zones (black spots).

entire road network (grey spot map), which in turn

high speeds and resulting in the death of 1,01,723 (67.3% of total

deaths) persons while causing

of total injuries) individuals.

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This reduction of time for which the gate is being kept closed.

5. AVAILABLE SOLUTIONS

RC

Using new technology such as smart traffic light and traffic control systems, artificial intelligence, the use of telematics and automotive technology can contribute to prevent and reduce the number of road

7.BEHAVIOUR

related accidents

successful and effective strategic road safety plans focus on improving road user behaviour by considering seven road user risk factors: drinking-drivers, seatbelts, child restraints, speed management, wearing helmets, using a mobile phone while driving, and driving while under the influence of drugs

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8. CHANNELS of BEHAVIOUR

Sensors monitor vehicle engines, fuel consumption and emissions, along with aiding and protecting drivers and passengers. These allow car manufacturers to launch cars that are safer, more fuel efficient and comfortable o to drive





You might feel shock, guilt, fear, or anger. Each of these emotions is normal and expected — whether or not you're at fault for the crash. You might immediately be playing it over in your head to try to recall what happened and where things went wrong.