

Project Design phase -I solution fit

Project title : signs with smart connectivity for better road safety.

Team ID:PNT2022TMID52163

Team members:

1.Team leader : N.Rafana(962919104010)

2.Smilin Blessy .W(962919104014)

3.Swetha.S(962919104017)

4.Babitha Mercy .Y(962919104004)

1.CUSTOMER SEGMENTS *Education and training are key factors in instilling appropriate behaviour and attitudes in road users. *Know your signals. Help your children learn about traffic lights, road signs and what each colour means. *Stay away from distractions, such as, using your phone, chatting with passengers, eating and so on	6.CUSTOMER CONTRAINS More than half of all road traffic deaths and injuries involve vulnerable road users, such as pedestrians, cyclists and motorcyclists and their passengers.
2.JOB - TO - BE -DONE / PROBLEMS *This technology allows drivers to keep control of their vehicle in hazardous conditions. *The electronic stability control reduces engine power by automatically triggering brake pulses on the wheels.	7.BEHAVIOR *Driver behavior is the description of intentional and unintentional characteristics and actions a driver performs while operating a motor vehicle. *Drug-Impaired Driving. Many types of drugs and medication, both legal and illegal, can impair your ability to drive safely. ...
3.TRIGGERS *Over-speeding, rash driving, violation of rules, failure to understand signs, fatigue, alcohol.	8.CHANNELS OF BEHAVIOR *So, the most important rule of using the road is to drive to avoid accidents or harm to other

<p>*Measures such as footpaths, cycling lanes, safe crossing points and traffic calming measures are critical to reducing the risk of injury among these road users.</p>	<p>road users.</p> <p>*Avoid the Drowsiness While Driving.</p>
<p>4.EMOTIONS: BEFORE/AFTER</p> <p>*Before If you're feeling particularly strained, your emotions can affect how you respond to aggressive other drivers, and lead to or risky driving behaviour.</p> <p>*After in humans, including perception, attention, learning, memory, reasoning, and problem solving.</p>	<p>9.PROBLEM ROOT CAUSE</p> <p>*Driving at speed significantly increases both the likelihood of a crash occurring, and the severity of its consequences.</p> <p>*Non-adherence to lane driving and overtaking in a wrong manner.</p>
<p>5.AVAILABLE SOLUTIONS</p> <p>*Ensure the vehicle is in a roadworthy condition</p> <p>*Do simple vehicle maintenance and pre-trip inspections.</p> <p>*Set all devices, mirrors and controls prior to driving.</p>	<p>10.YOUR SOLUTION</p> <p>*Drive in the prescribed speed limits on the various roads.</p> <p>*Keep a Safe Distance from the vehicle ahead.</p> <p>*Change in the way roads are made and their maintenance is done will affect in a large way the number of accidents.</p>