

**Project Design Phase-I**  
**Proposed Solution Template**

<b>Date</b>	30 September 2022
<b>Team ID</b>	PNT2022TMID11060
<b>Project Name</b>	Signs with smart connectivity for better road safety
<b>Maximum Marks</b>	Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

<b>S.No.</b>	<b>Parameter</b>	<b>Description</b>
<b>1.</b>	<b>Problem Statement (Problem to be solved)</b>	Avoid traffic, overspeed and accidents in roads by using IOT
<b>2.</b>	<b>Idea / Solution description</b>	Guiding the drivers by making smart displays on the road while, smart signs are constructed with IOT and LED.
<b>3.</b>	<b>Novelty / Uniqueness</b>	Collision of vehicles should be avoided by diverting the vehicles to traffic free roads. Also, Weather can be identified before entering the road by IOT apps. Speed limitation can be adjusted via the application of displaying about the information about the routes such as display of school, college hospital area etc.
<b>4.</b>	<b>Social Impact / Customer Satisfaction</b>	By Displaying the ambulance emergency on the roads should clear the route for the ambulance that makes the patient to reach the hospital on time.
<b>5.</b>	<b>Business Model (Revenue Model)</b>	The model will be the speakable application in future which overcomes many road issues happening at present. since the government can set aside a distinct budget for it.

6.	Scalability of the Solution	It is a terrific initiative to raise awareness among the populace for the government to carry out things for commoners. This opens the door for a safer environment since the government can set aside a distinct budget for it..
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