

## Project Design Phase-I

### Proposed Solution

Date	2 November 2022
Team Id	PNT2022MID05398
Project Name	Signs with Connectivity for Better Road Safety
Team Leader	Yuvaraj P
Team Members	Sudharsan K, Vasudev SP ,Suriya Narayanan G
Maximum Marks	2 Marks

### Proposed Solution Template:

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

	Parameter	Description
1	<b>Problem Statement (Problem to be solved)</b>	In present system the road signs and speed limits are static . In some case due to heavy traffic then we can change the road signs if they are digitalized If there rainfall the roads will be slippery and speed limit would be decreased
2	<b>Idea / Solution description</b>	To detect the overspeed Driver unable to see the sign board indicate the sensor Automated car alert message

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3	<b>Novelty / Uniqueness</b>	Traffic detection using IOT.
4	<b>Social Impact / Customer Satisfaction</b>	The social impacts of road traffic can be defined as not only for environment safety as the effects of traffic create air pollution, noise, which are linked with several health concerns, it also increases in traffic levels to increase collision risk for people's that problem is overcome by using Smart connectivity for better road safety it is environment friendly.
5	<b>Business Model (Revenue Model)</b>	By executing these for commoners by the government, it is a great initiative in creating awareness among the people. A separate budget can be allotted for this by the government which paves a way for a safer environment.