

Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID30020
Project Name	Signs with Smart Connectivity for Better Road Safety
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Avoid the over speed and to decrease the accidents
2.	Idea / Solution description	<ul style="list-style-type: none"> • TO REPLACE THE STATIC SIGNBOARDS, SMART CONNECTED SIGN BOARDS ARE USED. • THESE SMART CONNECTED SIGN BOARDS GET THE SPEED LIMITATIONS FROM A WEB APP USING WEATHER API AND UPDATE AUTOMATICALLY. • BASED ON THE WEATHER CHANGES THE SPEED MAY INCREASE OR DECREASE. • BASED ON THE TRAFFIC AND FATAL SITUATIONS THE DIVERSION SIGNS ARE DISPLAYED. • GUIDE(SCHOOLS), WARNING AND SERVICE(HOSPITALS, RESTAURANT) SIGNS ARE ALSO DISPLAYED ACCORDINGLY. • DIFFERENT MODES OF OPERATIONS CAN BE SELECTED WITH THE HELP OF BUTTONS.
3.	Novelty / Uniqueness	Sign boards are converted to digitals
4.	Social Impact / Customer Satisfaction	Reduce the accidents , Control the vehicles in speed
5.	Business Model (Revenue Model)	In this we can get good no of users ,so that the business can get profit
6.	Scalability of the Solution	We can scalable the project by schools and colleges as our customer