

Project Design Phase-I
Proposed Solution Template

Date	11 November 2022
Team ID	PNT2022TMID54446
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)	To replace the static signboards, smart connected sign boards are used.
2.	Idea / Solution description	<ul style="list-style-type: none">Smart connected sign boards get the speed limitations from a web app using weather API and update automatically.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	<ul style="list-style-type: none">Based on the weather changes the speed may increase or decrease.Based on the traffic and fatal situations the diversion signs are displayed.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">Speed limitations using web application .Alert the drivers during emergency.Divergency signs are displayed during emergency.
5.	Business Model (Revenue Model)	Subscription provided to customer and advertising .
6.	Scalability of the Solution	8/10