Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID52810
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 propose a system which has digital sign boards on which the signs can be changed dynamically. If there is rainfall then the roads will be slippery and the speed limit would be decreased.
2.	Idea / Solution description	Designing a smart sign board with iot interface. By using iot, the real time values like speed limit are updated automatically and periodically based on condition like weather , traffic congestion etc,.
3.	Novelty / Uniqueness	Developing an smart sign board which is capable of displaying real time values according to environmental conditions.
4.	Social Impact / Customer Satisfaction	By using this we not only enter into digital world also this helps to improve our traffic management.
5.	Business Model (Revenue Model)	By without using: traffic congestion is high and high risk of accident occurrence. By using: both accident and traffic congestion is controlled.
6.	Scalability of the Solution	The solution is well organized to control the traffic congestion and also to reduce traffic accidents.