

Project Design Phase-I
Proposed Solution Template

Date	28 OCTOBER 2023
Team ID	PNT2022TMID34520
Project Name	Project - SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
Maximum Marks	

Proposed Solution Template:

The project team shall fill in the following information in the proposed solution template.

S.No.	Parameter	Description
•	Problem Statement (Problem to be solved)	The Safe System (SS) approach to road safety emphasizes safety by design by ensuring safe vehicles, road networks, and road
•	Idea / Solution description	Ensuring safe driving experience with real-time assistance, navigation, and even monitoring driving patterns and any emergency.
•	Novelty / Uniqueness	IoT is already working to ensure road safety in areas such as vehicle maintenance, improved circulation, navigation, and monitoring environmental conditions
•	Social Impact / Customer Satisfaction	While the literature presented in this systematic review shows that IoT can positively impact the perceived or explicit happiness of people,
•	Business Model (Revenue Model)	IoT will not only enable driving new decision-making but may well increase your revenue too.
•	Scalability of the Solution	IoT road sensors can provide real-time data from roads to help divert the flow of traffic away from areas of hazard.