

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID47020
Project Name	Project - Signs with smart connectivity for better road safety
Maximum Marks	2 Marks

Proposed Solution Template:

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	We are trying to solve the factors like incremental delay, fuel consumptions while waiting in the traffic and interference in the vehicles. Here we showed some ideas how the problem can be overcome.
2.	Idea / Solution description	In the future, smart road signs combined with state-of-the-art vision-based road sign recognition algorithms can provide both reliable and effective recognition by smart vehicles.
3.	Novelty / Uniqueness	Vehicles can be tracked under low light conditions which are more advantageous.
4.	Social Impact / Customer Satisfaction	Many lives can be saved due to this idea so customer is very satisfied
5.	Business Model (Revenue Model)	Policy makers and private companies are willing to use innovative solution to decrease road – related fatalities and injuries amidst populations.
6.	Scalability of the Solution	There is a need to develop a protocol to avoid or prevent traffic accident and extreme level in order to reduce human loss.