

Project Design Phase-I
Proposed Solution Template

Date	26 September 2022
Team ID	PNT2022TMID11855
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 prevent the road accidents from happening using IOT
2.	Idea / Solution description	If the road signs are made digitalized or can be changed dynamically, in case of heavy traffic, road accidents and diversions then we can change road signs accordingly.
3.	Novelty / Uniqueness	By using an innovative ways to improve traffic flow, reduce congestion, regulate the patterns of traffic, and create an optimal balance of public and private transportation.
4.	Social Impact / Customer Satisfaction	These create a noticeable impact on the road safety department. • By deciding a speed limit for the user, there is significant chance in reducing the accidents.
5.	Business Model (Revenue Model)	A primary reason for developing these route is to make the roads safer for all of us. The enhanced signage creates a more efficient experience for drivers. It can also complement the system designs of driverless cars.
6.	Scalability of the Solution	It has greater chance in reducing the risk for the people as it is more visible than the normal signs, which saves a lot of lives at stake.