

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID32727
Project Name	Signs with Smart Connectivity for Better Road Safety

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	We have to come up with the digital sign boards on which the signs can be changed dynamically.
2.	Idea / Solution description	To develop a web application through which the data of the road diversions, accident prone areas and information sign boards can be entered.
3.	Novelty / Uniqueness	Data is retrieved and displayed on the sign boards dynamically to avoid congestion instantly.
4.	Social Impact / Customer Satisfaction	This form of digital signs will ease the burden on drivers , reduce the traffic accidents and enhances the road safety.
5.	Business Model (Revenue Model)	Companies that are dependent on driving and transportation get benefited.
6.	Scalability of the Solution	The software can be used to analyse the road damages, mishaps and to clear the traffic congestion quickly.