

Project Design Phase-I
Proposed Solution Template

Date	02 OCTOBER 2022
Team ID	PNT2022TMID29675
Project Name	Project – 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)	Using digital signs the accidents and traffics are reduced.
2.	Idea / Solution description	The dynamic signs with smart connectivity,graphics and text that drivers can see clearly.The messages are easy to comprehend quickly,keeping drivers informed of route conditions as they change and the problem of traffic and accidents are reduced.
3.	Novelty / Uniqueness	Connect digital signage displays over long distances without losing video and audio quality using extended kits.The extended kits have several ports to support multiple displays and other kits can be cascaded for greater distances.
4.	Social Impact / Customer Satisfaction	Once a driver is alerted by the signs and can see the texts that person can turn around and proceed in the correct direction.This could save numerous lives and prevent countless injuries.
5.	Business Model (Revenue Model)	To enhance the roadway experience for users, this new signage costs less to maintain than traditional indicators.
6.	Scalability of the Solution	Digital signage software allows for text,animation or video to be displayed on an electronic sign.There is various digital signage software available for the same like Yodeck,Novisign,Telemetry TV,ScreenCloud,Optisign and many more.