Project Design Phase-I
Proposed Solution Template

Date	25 September 2022
Team ID	PNT2022TMID42985
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	• By Preparing smart signs using IOT instead of regular signs hung on the road. • Smart signs are built with IOT and LED are used.
3.	Novelty / Uniqueness	• Since LED'S are used which is visible from after. • The smart signs consists of temperature, humidity, wind speed. • These information are received from weather monitoring app. • It also gives information about nearby places such as hospitals,schools,etc….,so that the users can decide their speeding according to that information.
4.	Social Impact / Customer Satisfaction	• These create a noticable 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)	• By executing these for commoners by the government, it is great initiative in creating a awareness among the people. • A separate budget can be alloted for this by the government, which paves a way for a safer environment.
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.