Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID47361
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)	▪ To prevent the road accidents from happening using IOT.
2.	Idea / Solution description	▪ To improve the regular sign hung on the road using IOT. ▪ Smart signs are built with IOT and MQ sensors are used.
3. h	Novelty / Uniqueness	▪ Helpful to sense the particular range whether the driver consumes alcohol or not. ▪ So that the driver is not able to start the vehicle.
4.	Social Impact / Customer Satisfaction	▪ To avoid most of the accidents. ▪ Safer to reach the desired destination. ▪ Avoid time delay.
5.	Business Model (Revenue Model)	▪ Creating a awareness among the people. ▪ By the government several budget is allotted which paves a way for 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.