

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID12798
Project Name	Project: Signs with Smart Connectivity for Better Road Safety

Proposed Solution

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 and Enhancing the road safety management ,It will decrease the road accident .
2.	Idea / Solution description	By preparing a smart signs using IOT with smart signs board as well as web application is used and the smart signs are built with the IOT and LED are used in this project.
3.	Novelty / Uniqueness	Since LED's are used which is visible from afar.The smart signs consists of temperature,humidity,wind speed.This IOT is based smart connectivity for the road safety provides safety and peace of mind.
4.	Social Impact / Customer Satisfaction	The user will reduce the speed limit,there is significant chance in reducing the accidents. This impact definitely goes to road safety department .
5.	Business Model (Revenue Model)	This is an important model which will help the country to increase its productivity as well the individual Productivity by avoiding unwanted delays .A separate budge can be allocated for this by the

		government,which way for a safer environment.
6.	Scalability of the Solution	It has greater chance in reducing the risk for the people .In a highly populated country the scalability of this particular project.It saves a lot of lives at state.