

Project Design Phase-I
Proposed Solution Template

Date	21 October 2022
Team ID	PNT2022TMID31677
Project Name	Project - Signs with Smart Connectivity for Better Road Safety
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Sign with Smart connectivity for better road safety provides knowledge about the drivers using IoT who do not have knowledge about traffic signs and weather indications.
2.	Idea / Solution description	Replacing the man-made painted sign into digital which is more visible compared to the current signs and also indicating weather in the same sign boards for drivers.
3.	Novelty / Uniqueness	Weather indication on sign boards should be unique which will help mostly the two wheelers from unfortunate heavy rains and winds. Digital traffic signs also educates the drivers to follow traffic rules .
4.	Social Impact / Customer Satisfaction	It educates the people to know about traffic signs. they don't know about it, then it shows the digital signs and weather indication to avoid the Unnecessary accidents.
5.	Business Model (Revenue Model)	This project can make revenue by selling as many equipment to the government sector and private sector.
6.	Scalability of the Solution	To prevent and reduce the number of road related accidents and improve road safety.