

Project Design Phase-I
Proposed Solution Template

Date	21 October 2022
Team ID	PNT2022TMID35067
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)	Signs with Smart Connectivity for Better Road Safety is used to the road planner should taking consideration the difference of user levels which include normal ,children, group of age and is also based on who do not have knowledge about traffic signs.
2.	Idea / Solution description	In present systems the road signs and the speed limits are static. But the road signs can be changed in some cases.If there is rainfall then the road will be slippery and the speed limit would be decreased.There is web app can be created enter the weather location
3.	Novelty / Uniqueness	Weather indication on sign boards is unique which will help mostly the two wheelers from unfortunate heavy rains and winds. Digital trafficsigns also educates the drivers to follows traffic rules safely
4.	Social Impact / Customer Satisfaction	It makes the people to know about traffic signs ifthey don't know ,it shows signs digitally to avoid the accidents and weather indication based on IOT to avoid accidents and it helps mostly for two wheeler passengers
5.	Business Model (Revenue Model)	This project can make revenue by selling many equipments to the government sector and alsoprivate sectors(educational &medical institutions).Maintain services are also taken by the company
6.	Scalability of the Solution	It makes the daily life of drivers and passengersbetter. The product can be scalable by adding new features to the product makes more revenue.