

Project Design Phase-1

Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID52137
Project Name	Signs with smart connectivity for better road safety
Maximum Marks	2 marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To replace the static signboards, smart connected sign boards are used which get the speed limitations from a web app using weather API and update automatically.
2.	Idea/Solution description	Predicting the speed limit from data acquired through a web user interface which in turn used by user.
3.	Novelty/Uniqueness	Controlling the speed limit by weather map.
4.	Social Impact/ Customer Satisfaction	Based on traffic diversion sign, guide signs and warning signs are displayed to the public.
5.	Business Model(Revenue model)	Smart connectivity for better road safety model.
6.	Scalability of the Solution	The process of understanding and operating this model is easy and it highly scalable with proper efficiency.