Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID06230
Project Name	Project - xxx
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)	This project reduce the accident .it will replace the static boards to smart signed boards that will change the speed limits according to the weather climate and show diversion messages if there is accidents in the road and alert messages to pass the hospital to near by location and send message to ambulance
2.	Idea / Solution description	The open weather API is given information and detail about the depend the weather and temperature detail Accorging to this detailed we can control the speed limit to depend the weather climate some buttons will be placed which will be used to make it generic;
3.	Novelty / Uniqueness	Pedestrians are given the access to request the sign change of the signal to cross the road Generic Sign board for all applications that uses both buttons and web service for updation
4.	Social Impact / Customer Satisfaction	The user near to any dividor before some distance it display message like warning or intimation type
5.	Business Model (Revenue Model)	this project employs a business strategy in which revenue will be generated on the basis of the length of time in which the customers actively interact with the product. This product is aimed to be free of cost to the public, but the revenue will be generated by selling this product to the government at a low cost, these functionalities will increase the value of the product in the global market
6.	Scalability of the Solution	In upcoming days , if any update is required either on the hardware or software side, it can be easily implemented. The hardware components can be directly interfaced with the

| | | microcontroller and small modifications can be made in the programming of the existing product. In case of the software, the website application has to be updated with the additional functionality by creating a new section for the updated hardware. |