Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID47905
Project Name	Signs with Smart Connectivity for Better Road Safety
Maximum Marks	2 Marks

Proposed Solution

Project team shall fill the following information in proposed solution template.

S.NO.	Parameter	Description
1.	Problem Statement (Problem to be solved)	ENHANCING THE ROAD SAFETY MANAGEMENT, WHICH RESULTS IN THE HUGE DECREASE AND REDUCTION OF ROAD RELATED FATALITIES, COLLISONS AND UNWANTED DELAYS DUE TO TRAFFIC WHICH INTURN RESULTS IN THE PEACE OF MIND FOR OUR SOCIETY
2.	Idea / Solution description	CONVENTIONAL TRAFFIC LIGHTS ARE REPLACED WITH SMART SIGN BOARDS AS WELL AS WEB APPLICATION IS USED TO SEND WARNINGS, NOTIFICATION ABOUT THE ROAD CONDITIONS WITH THE HELP OF SENSORS
3.	Novelty / Uniqueness	THE UNIQUENESS OF IOT BASED SMART CONNECTIVITY FOR BETTER ROAD SAFETY IS ITS FLEXIBILITY TO THE PRESENT AND CURRENT SITUATIONS OF THE ROADS ON WHICH THE CUSTOMER IS TRAVELLING, WHICH GUIDES THE USER TO MAKE BEST DECISION IN EASE, WHEREAS THE CONVENTIONAL TRAFFIC LIGHT FOLLOWS THE SAME PATTERN .
4.	Social Impact / Customer Satisfaction	WHEN CLARITY IS GIVEN THROUGH SIGNS ON SMART BOARDS AS WELL THROUGH WEB NOTIFICATION, CUSTOMER WILL KNOW WHAT SHOULD BE DONE. THIS IOT BASED SMART CONNECTIVITY FOR ROAD SAFETY PROVIDES SAFETY AND PEACE OF MIND FOR THE CUSTOMERS BY AVOIDING UNNECESSARY ANXIOUS SCENARIOS
5.	Business Model (Revenue Model)	THIS IS AN IMPORTANT MODEL WHICH WILL HELP THE COUNTRY TO INCREASE ITS PRODUCTIVITY AS WELL THE INDIVIDUAL'S PRODUCTIVITY BY AVOIDING UNWANTED DELAYS WHILE TRAVELLING TO THE WORKPLACE OR ANY OTHER EMERGENCY SITUATIONS.THIS SCHEME ALSO VALUES AND ENSURES THE SAFETY OF EACH AND EVERY LIVING BEING
6.	Scalability of the Solution	IN A HIGHLY POPULATED COUNTRY THE SCALABILITY OF THIS PARTICULAR PROJECT WILL BE A GREAT ACHEIVEMENT AS IT WILL

		CREATE MUCH MORE AWARENESS AND CLARITY AMONGST THE PEOPLE