

IDEATION PHASE
DEFINE THE PROBLEM STATEMENTS

Date	22 October 2022
Team ID	PNT2022TMID22101
Project Name	Project - SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
Maximum Marks	2 Marks

Problem Statement:

SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
The current system of road signs is static. Road accidents occur more frequently as a result of climatic and meteorological factors, and in certain cases, the roads get obstructed by heavy traffic.	A Working Professional	Reach the destination in a healthier way	Takes a long time to reach the destination	Heavy Traffic routes clog the roads, and climatic and weather conditions increase the chances of accidents.	Frustrated
As a result of static speed limits in place today, Some mishaps might occur, leading to dangerous driving.	A traveller	Explore places	Leads to risky driving	When vehicles are speeding, Some mishaps can occur leading to risky driving.	Downhearted

In this project, static signs will be replaced with smart signs that can modify speed limits based on the weather, provide detour warnings in the event of an accident, and display alerts in the event of hospitals, schools, or construction.