

IDEATION PHASE
DEFINE THE PROBLEM STATEMENTS

Date	19 September 2022
Team ID	PNT2022TMID15148
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 road signage in use today is static. Due to the climatic and weather conditions, the occurrence of road accidents increases and at some conditions the roads are blocked due to heavy traffic routes.	A Working Professional	Reach the destination in a healthier way	Takes a long time to reach the destination	Due to heavy traffic routes the roads are blocked and due to climatic and weather conditions the occurrence of accidents increases.	Frustrated
The speed limits in use today are static. Due to the speeding of vehicles, some mishaps might take place leading to risky driving.	A traveller	Explore places	Leads to risky driving	Due to the speeding of vehicles, some mishaps might take place 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.