Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID16935
Project Name	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
Maximum Marks	2 Marks

Proposed Solution :

- Now our project was developing for this solution. We use motion detect sensor for detect that the vehicle is coming to the end of the curve. If the vehicle is coming, sensor detects the motion and alert signals using LED. We use potentiometer for monitoring and control the LED brightness. The whole is system is control by your mobile phone.

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