

# Project Design Phase-I

## Proposed Solution Template

<b>Date</b>	<b>22/09/2022</b>
<b>Team ID</b>	<b>PNT2022TMID08204</b>
<b>Project Name</b>	<b>SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY</b>
<b>Maximum Marks</b>	

### Proposed solution:

The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

<b>S.No</b>	<b>Parameter</b>	<b>Description</b>
1	Problem statement (problem to be solved)	ACCIDENTS MAY OCCUR WHILE PEOPLE CROSSING THE ROADS, SAFETY IS NOT THERE
2	Idea / Solution description	THE SMART INTERSECTION WARNS CARS ABOUT THE PRESENCE OF PEOPLE.THIS IMPROVES THE SAFETY OF PEOPLE AND OTHER VULNERABLE ROAD USERS.
3	Novelty / Uniqueness	WELL DESIGNED INTERSECTION USE TO BRING PEOPLE TOGETHER AND INVIGORATE A CITY ,WHILE MAKING TRAFFIC MORE INTUITIVE,SEAMLESS.
4	Social Impact / Customer Satisfaction	ROAD CROSSING IN THE FUTURE THE SMART CROSSING HAS GIVEN SAFETY AND RECEIVES POSITIVE FEEDBACK.
5	Business Model (financial Benefit)	THIS TECHNOLOGY ENABLES BETTER ACCESS TO CITIZEN RESOURCES CITIES CAN ALSO USE DIGITAL TWIN TECHNOLOGY TO CREATE VIRTUAL CITY MODES.
6	Scalability of Solution	THIS AIDS IS PROTECTING VULNERABLE ROAD USERS AND ACTS AS A CRUCIAL BUILDING BLOCK FOR ENABLING AUTONOMOUS DRIVING.