

# Project Design Phase-I

## Solution Architecture

<b>Date</b>	9 October 2022
<b>Team ID</b>	PNT2022TMID21273
<b>Project Name</b>	Signs with smart connectivity for better road safety
<b>Maximum Marks</b>	4 Marks.

### **SOLUTION ARCHITECTURE:**

- To replace the static signboards, smart connected sign boards are used.
- These smart connected sign boards get the speed limitations from a web app using weather API and update automatically.
- Based on the weather changes the speed may increase or decrease.

- Based on the traffic and fatal situations the diversion signs are displayed.
- Guide (Schools), Warning and Service (Hospitals, Restaurant) signs are also displayed accordingly.

## Solution Architecture Diagram:



