

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID19266
Project Name	Project – Signs with smart connectivity for better road safety
Maximum Marks	4 Marks

Solution Architecture:

- Smart connected sign boards are used to replace static signboards.
- These intelligent, connected sign boards receive automatic updates of the speed limits from a web application using weather API
- The speed could go up or down depending on the weather.
- The display of the diversion signs depends on the flow of traffic and potential fatalities.
- Additionally, the appropriate guide (for schools), warning (for hospitals), and service (for restaurants) signs are posted.

Example - Solution Architecture Diagram:

