

Project Design Phase-I Solution Architecture

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| Date | 17 october2022 |
| Team ID | PNT2022TMID27330 |
| Project Name | Project - Signs with smart connectivity for better road safety |
| Maximum Marks | 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.

Diagram:

