

**Project Design Phase-I**  
**Solution Architecture**

Date	07 November 2022
Team ID	PNT2022TMID07704
Project Name	Project – Signs with smart connectivity for better road safety
Maximum Marks	4 Marks

**Solution Architecture:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions.

- 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), and Service (Hospitals, Restaurant) signs are also displayed accordingly.

**Example - Solution Architecture Diagram:**

