

Project Design Phase-I Solution Architecture

Date	08 October 2022
Team ID	PNT2022TMID02365
Project Name	Project – Signs with smart connectivity for better road safety
Maximum Marks	4 Marks

Solution Architecture:

Speed limit is adjusted automatically according to weather condition for safety. These smart sign boards are monitored remotely using web and mobile application weather API and update automatically.

Python script will be used to interconnect the sign board, website, cloud and mobile application Based on the traffic and fatal situations the diversion signs are displayed.

Guide (Schools), Warning and Service (Hospitals, Restaurant) signs are also displayed accordingly.

Example - Solution Architecture Diagram:

