

Project Design Phase-II
Solution Requirements

Date	03 October 2022
Team ID	PNT2022TMID16935
Project Name	Project – Signs with Smart Connectivity For Better Road Safety.
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	By using Weather API, The weather also detected for better signs.
NFR-2	Security	These smart connected sign boards get the speed limitations from a web app using weather API and update automatically.
NFR-3	Reliability	Different modes of operations can be selected with the help of buttons.
NFR-4	Performance	Based on the weather changes the speed may increase or decrease. Based on the traffic and fatal situations the diversion signs are displayed.
NFR-5	Availability	Free Availability for Users.