Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID30708
Project Name	Project - Signs with Smart Connectivity for Better Road Safety

Functional Requirements

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User visibility	visibility refers to a motorist's capacity to clearly see the traffic and environmental surroundings on the road while maintaining the ability for other drivers to perceive the driver in question
FR-2	User need	Road safety education is as essential as any other basic skills of survival.our aim is to provide road safety information for road users to encourage safer road user behaviour among current and prospective road users and reduce the number of people killed and injured on our roads every year
FR-3	User understanding	Road traffic safety refers to the methods and measures used to prevent road users from being killed or seriously injured
FR-4	User convenience	Passive traffic safety measures sought to avoid influen ing the behavior of drivers while giving automoblies maximum covenience

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It should be able to update and upgrade when there is a need for it
NFR-2	**Security**	Avoid riding with a driver who appears intoxicated irrational or over tired.Always ride in the back seat of a taxi cab.Wear seat belts whenever possible

NFR-3	**Reliability**	It should be able to display to inforamation correctly and error free
NFR-4	**Performance**	Performance review assesses the current road safety situation helps the Government to identify the most critical safety aspects and recommends actions to be taken
NFR-5	**Availability**	It should be available 24/7 so that it can be beneficial to the customer
NFR-6	**Scalability**	It should be able to easily change and need in requirement