

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	31 October 2022
Team ID	PNT2022TMID34520
Project Name	Project - Signs with smart connectivity for better road safety
Maximum 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
FR-3	Verifying Email	Verification Email is sent to respective EmailIDs for verification
FR-4	Authentication	Using Biometrics or PIN Authentication to perform some sensitive actions on the app
FR-5	Exporting Reports	Allowing users to export their yearly, monthly, and weekly stats.
FR-6	Sharing of data to a third-party application	Allowing users to share some data via WhatsApp and another medium

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The dashboard must be simple, clean, and customizable.
NFR-2	Security	Using two-factor authentication and maintaining a session period for some actions
NFR-3	Reliability	Ensure the code is well and good before making it to production
NFR-4	Performance	Writing efficient code to give better performance to low-end devices too
NFR-5	Availability	Deploying the application in two or more Availability Zones to ensure the availability SLA of 99.999%
NFR-6	Scalability	Using auto-scalable services in the cloud for databases, computers, etc