

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

Date	12 November 2022
Team ID	PNT2022TMID32423
Project Name	Containment Zone Alerting Application
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 Gmail Registration through Mobile number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Uses Mail ID and Password for login
FR-4	Explore information	Lookup nearby diagnostic labs for sample collection Locate all blood banks nearby your location Look for hospitals and isolation centres

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Enable the users to receive alerts when they enter or exit a containment zone.
NFR-2	Security	This application provides user authentication and authorization controls to ensure that only authorized users can access the data.
NFR-3	Reliability	It roll back all related updates when any update fails.
NFR-4	Performance	The application should be able to send alerts to the authorities and the health care providers in case of emergency.
NFR-5	Availability	Application should be available 24/7
NFR-6	Scalability	The application can handle more number of users and can provide more number of alerts.

