

Project Design Phase-II
Solution Requirements (Functional and Non-Functional)

Date	22/11/2022
Team ID	PNT2022TMID45774
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 Form Registration through Gmail
FR – 2	User confirmation	Confirmation via Mail Confirmation via OTP
FR – 3	Alert Message via Notification	Location tracking and notification services
FR – 4	Show infected zones	Geofencing functionality

Non-Functional Requirements:

Following are the Non-Functional requirements of the proposed solution.

FR NO.	Non-Functional Requirement	Description
FR – 1	Usability	Easy interaction with Graphical User Interface
FR – 2	Security	The data which is collected will be stored in the database securely
FR – 3	Reliability	User can trust the accuracy of the service provided
FR – 4	Performance	Fast and maximum accuracy provided to the users using real time location
FR – 5	Availability	Available if the user allows GPS tracking and with the good network range

FR – 6	Scalability	User can interact with both the website and mobile app
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