

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

Date	1-November 2022
Team ID	PNT2022TMID31914
Project Name	Containment Zone Alertment
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
FR-2	User Confirmation	Confirmation via Email
FR-3	Chat Bot	A Chat Bot will be there in Android application to solve user queries and problems related to Containment zone.
FR-4	User Login	Login through Gmail
FR-5	Usertrack	To track the user
FR-6	User Profile	Updation of the user profile through the login credentials
FR-7	User Acceptance	Confirmation of the Zone.

**Non-functional Requirements:**

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

NFR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	To track a person, to notify him/her if they have entered the Containmnet Zone
NFR-2	<b>Security</b>	This application is secure with separate login for user as well as Admin.
NFR-3	<b>Reliability</b>	In this application n number of persons is monitored whether the person has entered the specific Containment zone or not
NFR-4	<b>Performance</b>	The performance of this application is quicker response and takes lesser time to do any process.
NFR-5	<b>Availability</b>	This application provides alert and awareness about a specific Containment zone
NFR-6	<b>Scalability</b>	The Response time of the application is quite faster compared to any other application.