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

Date	19 October 2022
Team ID	PNT2022TMID52614
Project Name	Project - 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 Email or Phone number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Containment Zone	Using API from google maps
FR-4	Alerting users	All the time tracking GPS of an user and alerting if required.
FR-5	Containment Zone details	Updating whenever need through network.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy to use and efficient.
NFR-2	**Security**	Stored securely and encrypted in cloud.
NFR-3	**Reliability**	User can trust completely on this app.
NFR-4	**Performance**	Accurately defining containment zone area in real time.
NFR-5	**Availability**	Good availability of network with minimum bandwidth.
NFR-6	**Scalability**	Can be used from anywhere in world and up to date info.