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

Date	20 October 2022
Team ID	PNT2022TMID45848
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 and OTP.
FR-3	**Authentication**	It verifies the confirmation of the password.
FR-4	**Business rule**	For subscriber's we give first 3 day's free trail. For unsubscribes the user needs to watch some advertisement for knowing the zone alert for first 3 days.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Providing recommendation link by using customer preference.
NFR-2	**Security**	The software team will issue some strong security code for the users.
NFR-3	**Reliability**	The database update process must rollback all related updates when any update fails.
NFR-4	**Performance**	The loading speed of the server is quick and fast.
NFR-5	**Availability**	Stands for the system's reliability and accessibility to the user.
NFR-6	**Scalability**	The website is enough to support almost 1,00,000 users at a time.