

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

Date	14 October 2022
Team ID	PNT2022TMID04293
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	<b>User Registration</b>	Registration through Gmail. Registration through mobile number.
FR-2	<b>User Confirmation</b>	Confirmation via Email and OTP.
FR-3	<b>Authentication</b>	It verify the confirmation of the password.
FR-4	<b>Business rule</b>	For subscriber's we give first 3 day's free trail. For un-subscribes 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	<b>Usability</b>	Providing recommendation link by using customer preference.
NFR-2	<b>Security</b>	The software team will issue some strong security code for the users.
NFR-3	<b>Reliability</b>	The database update process must rollback all related updates when any update fails.
NFR-4	<b>Performance</b>	The loading speed of the server is quick and fast.
NFR-5	<b>Availability</b>	Stands for the system's reliability and accessibility to the user.
NFR-6	<b>Scalability</b>	The website is enough to support almost 1,00,000 users at a time.