

Project Design Phase - II

Containment Zone Alerting Application

Logesh P.R

Balasubramaniam V.R

Yogesh T

Jayadev Kavel P

Project Design Phase-II

Functional Requirement

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| Team ID | PNT2022TMID22562 |
| Project Name | Project – Containment Zone Alert Application |

Functional Requirements:

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-------------------------------|--|
| FR-1 | User Registration | User can register through Email id or current phonenumber. |
| FR-2 | User Confirmation | Confirmation can be done by verification code throughmail or OTP |
| FR-3 | Track the location | Trace the trespassers by using Google map API andupdates the locations of the area in the Google mapwhich are identified as containment zones. |
| FR-4 | Affected areas are shown | Containment zones were marked using zone colors andtrespassers are indicated by geo fencing. |
| FR-5 | Alert | By tracking their location using GPS system, notificationor message will be send if the user enters the containment zone. |