

IBM NALAIYA THIRAN

CONTAINMENT ZONE ALERTING APPLICATION

TEAM ID: PNT2022TMID35229

DOMAIN: CLOUD APPLICATION DEVELOPMENT

BATCH: B11-5A1E

TEAM MEMBERS:

1. SHAFEEQ UR RAHMAN P A
2. BARATHRAJ T
3. NAVVYA L
4. PRANAV CHANDAR K R
5. PRASHANTH S

FUNCTIONAL REQUIREMENTS:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Mobile number Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	App Permissions	Enabling location Access (Mandatory) Permission to Media Access Permission to Camera
FR-4	Connectivity	The user and server were connected through the internet.
FR-5	Data fetching	The Users Personal data and a result of self-analysis updated with app server.
FR-6	Support functions	The Users gets teleconsultation using helpline and supports by chatbot.
FR-7	End user benefits	To protect the people from the disease spread by knowing containment zones using contact tracing.

NON-FUNCTIONAL REQUIREMENTS:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is an effective way to find a containment zone. It can easily access by everyone.
NFR-2	Security	It is secured because confirmation through User own Email or OTP and also the data were stored in encrypted format to main anonymity.
NFR-3	Reliability	It is a high reliability based on development and deployment.
NFR-4	Performance	High efficiency outcomes with respect to simple user Interface.
NFR-5	Availability	Anyone from anywhere can access it through internet.
NFR-6	Scalability	It has ability to handle a growing user base without affecting the user experience and app performance.