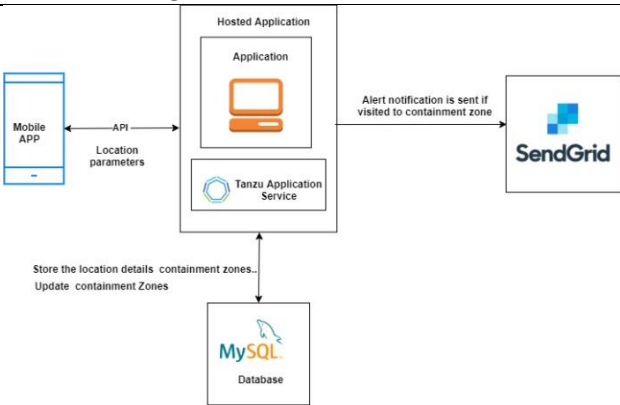


Project Design Phase-I
Proposed-Solution Fit

Date	18 October 2022
Team ID	PNT2022TMID20358
Project Name	Project –Containment Zone Alerting Application
Maximum Marks	2 Marks

Project team shall fill the following information in proposed solution template.

Sl. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Statistics data from RESTful API.Data snapshot from firebase for new data or data snapshot from cache. Containment zones shown on a google map and covid 19 statistics on a bottom sheet. User receives notification on entering a containment zone.
2.	Idea / Solution description	1.Retrieving diagnosis 2.Retrieving Exposure configuration 3.Segmentation 4.Protocol documentation 5.Classification 6.Contributing
3.	Novelty / Uniqueness	1.Android application updates location of areas which are identified to be the containment zone. 2.Application further extract the IMEI number of the trespasser and upload to the online data base. 3.The application prompt background location service permission and if granted the geo fences get triggered even in application is not open in foreground.
4.	Social Impact / Customer Satisfaction	1..Medical Drone deliveries 2. Situational awareness lockdown curfew enforcement. 3. Broadcasting useful information.
5.	Business Model (Revenue Model)	 <pre> graph LR MobileAPP[Mobile APP] -- "API Location parameters" --> HostedApplication subgraph HostedApplication Application[Application] TanzuService[Tanzu Application Service] end TanzuService <--> MySQL[MySQL Database] TanzuService -- "Alert notification is sent if visited to containment zone" --> SendGrid[SendGrid] MySQL -- "Store the location details... Update containment Zones" --> TanzuService </pre>
6.	Scalability of the Solution	The produce the vaccination scenarios and quantity the under reporting impact.Record identification Databases(n=380)Other source(n=10).Duplicate removed before record moved for reasons(n=14).

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