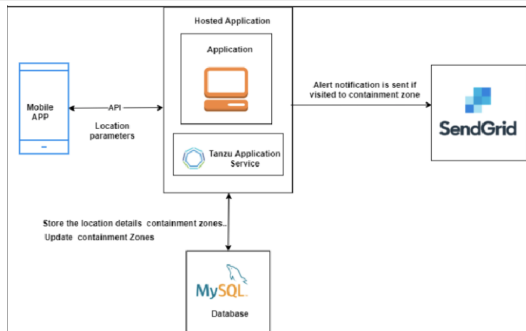


## Project Design Phase-I Proposed Solution Template

Date	17 October 2022
Team ID	PNT2022TMID24703
Project Name	Project - Containment Zone Alerting Application
Maximum Marks	2 Marks

### Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Statistics data from RESTful API.DATA snapshot from various source to be shown on maps by sending notification entering contamination zone
2.	Idea / Solution description	1.Retrieve diagnosis 2.Retrieve Exposure configuration 3.segmentation 4.protocol documentation 5.classification 6.contribution
3.	Novelty / Uniqueness	1.Android app updates user location of area contamination 2.then further extract the IMEI number of the trespasser 3.application prompt background location service permission and if granted the geo fences is triggered
4.	Social Impact / Customer Satisfaction	1.saftey and security 2.awariness of contamination 3.prevention of disease
5.	Business Model (Revenue Model)	 <pre> graph LR     MobileApp[Mobile APP] -- "API Location parameters" --&gt; HostedApp[Hosted Application]     subgraph HostedApp         Application[Application]         TanzuService[Tanzu Application Service]     end     HostedApp -- "Alert notification is sent if visited to containment zone" --&gt; SendGrid[SendGrid]     TanzuService &lt;--&gt; MySQL[MySQL Database]     MySQL -- "Store the location details: containment zones, Update containment Zones" --&gt; TanzuService           </pre>
6.	Scalability of the Solution	it can be easily scalable with help of docker images deployed on demand in kubernetes clusters