Date	19 September 2022
Team ID	PNT2022TMID05098
Project Name	Containment Zone Alerting Application
Maximum Marks	4 Marks

Introduction:

cloud application is software that runs its processing logic and data storage between 2 different systems: client-side and server-side.

The cloud also processing to create a containment zone alerting application to preventive the people from COVID -19 cases.

To informing people about the location of the containment zones can help them bypass and avoid these zones and thereby reduce the chance of spreading.

The application also provides daily Covid-19 case statistics to the users to keep them updated.

Problem Statement:

Containment Zone Alerting Application is the process that alert a people of the Covid-19 containment zones and prevent trespassing into these zones. This application updates the locations of the areas in a Google map which are identified to be the containment zones.

Recently, several containment zones had been identified throughout the country and divided into red, orange and green zones. The red zones indicate the infection hotspots, orange zones denote some infection and green zones indicate an area with no infection.

The application also notifies the users if they have entered a containment zone and uploads the user's IMEI number to the online database. So, people can get awareness about a current containment zone throughout the notification.

Serial no:	Application name:	Details from play store:	Comments:
1.	Aarogya Setu	Aarogya Setu is a mobile application developed by the Government of India to connect essential health services with the people of India in our combined fight against COVID-19. The app is aimed at augmenting the initiatives of the Government of India, particularly the Department of Health, in proactively reaching out to and informing the users of the app regarding risks, best practices and relevant advisories pertaining to the containment of COVID-19 (Aarogya Setu 2020)	The application is developed by the government of India. It uses contact tracing technology with the help of bluetooth to check if a user comes near a Covid-19 patient
2.	Corona watch	This app is for showing the locations of Corona Affected Patients and their movement history of 14 days. General Public can use this to identify their movements in those areas. If found to be in such locations, they are requested to call help line numbers 104, 0846848600, 080 66692000. The app also facilitates citizens to identify the nearest hospitals which can treat for coronavirus including the sample collection centres and testing labs. Please visit: https://kgis.ksrsac.in/covid/ for other information (Corona watch 2020)	The application presents the locations of Covid-19 active and cured cases Karnataka in a map emergency helpline numbers, helps in locating medicinal facilities, home quarantined locations and spots visited by Covid-19 positive patients in the last 14 days

3.	COVID CARE	COVID CARE-Quarantine and Contact Health Tracing for Covid Suspects in Arunachal Pradesh (COVID CARE 2020)	The application provides means of self-updating body temperature and Covid-19 symptoms by people of Arunachal Pradesh, thereby helping to monitor them remotely
4.	COVID-19 Care Tamil Nadu-(Official)	COVID-19 Care is a mobile application developed by Bhishma Technology Private Limited for the Government of Tamil Nadu to connect essential health services with the people of Tamil Nadu in our combined fight against COVID-19. This app is aimed to reach out to people informing about the best practices and official updates pertaining to the containment of COVID-19 (COVID-19 Care Tamil Nadu-(Official) 2020)	The application shows the district wise COVID-19 cases in Tamil Nadu. It also shows the containment zones of the state. It provides help line numbers and bed availability of Covid-19 hospitals in all the districts
5.	COVID19 Feedback	This app has been made in public interest to give information and capture feedback on any treatment undergone by individuals. The data will be used to highlight efficiencies, issues and process related changes that need to be undertaken (COVID19 feedback 2020)	The application provides a platform for getting feedback regarding Covid-19 tests and medical treatment from people who have undergone it