LITERATURE SURVEY
TEAM ID:PNT2022TMID39536

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S.No	TITLE	PURPOSED WORK	APPARATUS/ ALGORITHM	TECHNOLOGY	MERITS & DEMERITS
1	Development of an Android Application for Viewing Covid-19 Containment Zones and Monitoring Violators Who are Trespassing into it using Firebase and Geofencing.	The primary goals of this project are to notify users whenever they enter a containment zone, update the position of the area on a Google map, alert users when they do, and upload the user's IMEI number to an online database..	1. Geofencing API 2. Firebase API 3. Location Tracking 4. IMEI Number 5. Andriod SDK	Cloud Technology	This application can be used as a tool for creating further social awareness about the arising need of precautionary to be taken by the people of India
2	Application for Covid-19 Real Time Counter.	Efficient way of showing the identified Covid-19 containment zone.Futher more lie maritine and forest safety to prevent user from entering restricted areas.	• Time Series Analysis. • Location Tracking	• Cloud Technology	The Application can include various government organization to help act faster.

S.NO	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
3	Aarogya Setu (COVID-19).	In this study, a methodology is given for displaying current Covid statistics..	• Bluetooth • GPS • Digital ID	• Cloud Technology	At a time user can see Covid-19 total cases, active cases and discharge cases.
4	Tracking the Covid Zone through Geo-fencing technique. - JULY 10 2020	In order to track the Covid Zones and improve and tighten security measures, this study will provide a methodology..	• Bluetooth Based Application. • DRDO Netra. • National Intelligence Grid(NATGRID).	• Mobile Network • Cloud Technology	The major issue with those Bluetooth based application is that tracking can be done only if the enabled the Bluetooth option.

S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
5	A Compact Wearable - IOT(W-IOT) system for Health Safety and Protection of Outgoers in the Post-Lockdown World(COVID-19 Lifeguard).	The primary emphasis of this work is an IOT-based health monitoring system that uses a variety of sensors to measure bodily parameters and issues alerts in case of emergencies..	• Spo2 detector. • GPS • Bluetooth Module • GSM Modem	• IOT Technology	The body temperature, heart rate, and oxygen saturation levels have to be monitored regularly.
6	Evaluating how smartphone contact tracing technology can reduce the spread of infectious diseases(COVID-19).	This essay argues that managing epidemics depends on being able to identify and stop the spread of infectious disorders like Covid-19.	• Epidemic Model • Web Scraping • Opportunistic Network(OPP NET) • Web scrapping	• Mobile Computing	Accurate technologies such as Bluetooth allow for greater selectivity when it comes to quarantining people.

THANK YOU