

Literature Survey

Team No : 01
Team ID : PNT2022TMID08249
College Name : Adhiyamaan College of Engineering(Autonomous)
Department : Information Technology
Team Leader : Raja Lingam S
Team Member : Ajay S
Team Member : Anton Ajay Raj I
Team Member : Prasanth k

S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
1	Development of an Android Application for Viewing Covid-19 Containment Zones and Monitoring Violators Who are Trespassing into it using Firebase and Geofencing. - JULY 1 2020	This paper mainly focuses on informing people of the covid19 containment zone,updating location of the area in the google map,notifying the user if they entered a containment zone and uploading the users IMEI number to the online database.	<ul style="list-style-type: none"> • Geofencing API • Firebase API • Location Tracking • IMEI Number • Andriod SDK 	<ul style="list-style-type: none"> • 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. - JUNE 29 2020	Efficient way of showing the identified Covid-19 containment zone.Futher more lie maritime and forest safety to prevent user from entering restricted areas.	<ul style="list-style-type: none"> • Time Series Analysis. • Location Tracking 	<ul style="list-style-type: none"> • 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). - MAY 26 2020	These paper is to proposed a methodology to show the recent Covid statistics.	<ul style="list-style-type: none"> • Bluetooth • GPS • Digital ID 	<ul style="list-style-type: none"> • 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	This paper is to prepare a methodology to track the Covid Zones, to enhance and tighten the security measures by using Geofence.	<ul style="list-style-type: none"> • Bluetooth Based Application. • DRDO Netra. • National Intelligence Grid(NATGRID). 	<ul style="list-style-type: none"> • 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). - JANUARY 20 2020	This paper mainly focuses on IOT based Health monitoring system using various sensors to measure body parameters and also sends an alert in an emergency.	<ul style="list-style-type: none"> • Spo2 detector. • GPS • Bluetooth Module • GSM Modem 	<ul style="list-style-type: none"> • 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). - MAY 16	This paper Porposes the work detecting and controlling the diffusion of infectious diseases such as Covid-19 is crucial to managing epidemics.	<ul style="list-style-type: none"> • Epidemic Model • Web Scraping • Opportunistic Network(OPP NET) • Web scrapping epidemics. 	<ul style="list-style-type: none"> • Mobile Computing 	Accurate technologies such as Bluetooth allow for greater selectivity when it comes to quarantining people.

THANK YOU