Literature Survey

Team No : 07

College Name   : Adhiyamaan College Of Engineering (Autonomus)

Department   : Electronics and Communication Engineering

Project Name   : Containment Zone Alerting Application

Team Members : (AC19UEC030)-Dhanaseelan H R

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S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
1.	Air borne or Droplet precautions for Health workers treating corona virus Disease (2019)	To Review the evidence supporting the rule of 1-meter spatial separation for droplet precautions	Fub Med and surplus Database	Cloud Application	It will reveal the limited scientific data to inform spatial separation guidelines
2.	Development of an Android Application for containment Zones and monitoring violators who are trespassing into it using firebase and Geo-fencing	To develop a mobile based Application to provide information regarding the Covid-19 containment in West Bengal	Developed on Android SDK and uses firebase Cloud fire-store.	Cloud Application	It provides an efficient way of showing the identified Covid-19 Zone

S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	ADVANTAGES/ DISADVANTAGES
3.	Applications of digital technology in COVID-19 pandemic planning and response(2020).	This Viewpoint provides a framework for the application of digital technologies in pandemic management and response.	Artificial intelligence; digital thermometers; mobile phone applications; thermal cameras; web-based toolkits. Advantages Allows visual depiction of spread; directs border restrictions; guides resource allocation; informs forecasts.	Cloud Application	Could breach privacy; involves high costs; requires management and regulation

S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	ADVANTAGES / DISADVANTAGES
4.	Development of an Android Application for viewing Covid-19 containment Zones and Monitoring violators who and trespassing into It using firebase and Geo-fencing	This article is mostly about developing an Android app that informs individuals about Covid-19 Containment zones	It is based on Geo-fence and MC technologies	Cloud Application	It can be easily monitored & tracked It is not effective for people not having mobile phone
5.	Development of an Android Application for viewing Covid-19 containment zones and monitoring violators who are trespassing into it using firebase and Geo-fencing	In this paper, We focus on developing a mobile based application to provide information regarding the Covid-19 containment zone	Fire base, & Geo-fencing API are used in this Application	Cloud Application	It tracker the user location & check whether it presented in list of containment zone

THANK YOU