Ideation phase

Literature Survey

Containment Zone Alerting Application

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S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	DOMAIN	REMARKS
1	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	Android SDK firebase Cloud fire-store.	Cloud Application	It provides an efficient way of showing the identified Covid-19 Zone
2	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
3	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
4	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