

# literature survey

| S.NO | Title   | Author   | Advantage  | Disadvantage   |
|------|---|--|--|--|
| 1.   | Development of an Android application for viewing Covid-19 containment zones and monitoring violators who are trespassing into it using firebase and geo fencing. | Ranajoy Mallik, Amlan Protim Hazarika, Sudarshana Ghosh, Dilip Sing.                                       | This paper mainly focuses on development of an Android application which can inform people of the COVID-19 containment zones and prevent trespassing into these zones. | In a density of populated country like India, it is very difficult to prevent the community transmission even during lockdown without social awareness and precautionary measures taken by the people. |
| 2.   | Mobile Application for COVID-19: Benefits, Technologies and Future Research Opportunities.  | Alem Colakovic, Amel Kosovac, N.Goran, Ermin Muharemovic, Ajdin Džananovic, Adisa Medic, Muamer Dervisevic | It is mainly used for the purpose such as : tracking patients, COVID-19-related warnings, keeping tracks of statistical data, organizing life and business, etc.       | Some steps are difficult.  |
| 3.   | IoT Enabled Geo fencing for Covid-19 Home Quarantine.   | Md Fahad Monir, Akil Hamid Chowdhury, Rabeya Anzum.  | To establish and maintain a proper quarantine system.  | The proposed wristband is powered by lithium a battery.  |
| 4.   | Violation Detection Technique for COVID-19 Self-isolation and Control Measures using Wireless and Geo fencing Technologies  | Ahmed M.Abdel haleem, Abdullah Ibrahim salama, Mahmoud M.Elmesalawy.                                       | The proposed solution can be used for detecting violation in different cases such as distributed home quarantine and controlled areas.                                 | -  |
| 5.   | Face masks in the new COVID-19 normal: materials, testing and perspectives.   | Ming Hui chua, Json Y.C lim, Suxi wang, Lu Mao   | The research has been accelerated towards improving the quality and performance of face masks.   | They cannot be easily substituted.   |
| 6.   | Monitoring social Distancing by smartphone app in the effect of COVID-19.   | Dr.Neelavathy Pari S, Balaji Vasu, Jeevitha V K.   | The smart phone camera captures the video frames to track the social distancing.   | The smart phone camera are capable of covering only small distance.  |