

# **COVID-19 CONTACT TRACING NOTIFICATION SYSTEM**

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## **ABSTRACT**

COVID-19 disease which was diagnosed in early 2019 and it has become a major threat to all communities around the world. As this disease spreads through contacts easily, it is not easy for people to track the ones whom they have met manually. As a result, various solutions have been introduced to mitigate these problems. But there are few disadvantages such as the personal information of the user is exposed, the locations of users are tracked, privacy and security of data is not guaranteed, etc. Therefore, as a solution, the COVID-19 contacts tracing system is proposed to overcome the above-mentioned problems. It will be developed to alert the users when they are exposed to COVID-19 infected patients and take necessary actions to protect themselves. The key feature and the research area of the project is users' privacy. Proposed system would be an ideal solution to reduce the spread of the virus.