

“COVID TRACE”
A COVID TRACING MOBILE APPLICATION

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Abstract

Corona has been a great life changer for everyone in this world bringing out a world we have never seen before. The affected rate of Corona is numerous, every country in the world has been affected by corona. Sri Lanka has also had ups and downs with this pandemic, being a least affected country where the figures are rising up day by day.

This project is targeted in developing a mobile application which can track and identify Covid carriers in Sri Lanka. CovidTrace has several features the most prominent being location tracking which is very important in reducing the numbers. Also Sri Lanka's lack of systems and applications can also be said as a reason for the high figures.

After observing and listening to the views and ideas from industry experts and general public, CovidTrace's requirements was drawn and the features were finalized making it the best catering application for this problem. The location tracking feature and the portal system for the higher officials are the game changers for this application, making it a fully fledged player. Along with the feature of having a in built symptom checker to monitor the conditions of the user's of the application.

The solution was evaluated by many industry experts and non experts to identify the feasibility of the application, in order to bring the most to the users of this application and help bridge the gap in the lack of systems and also in the other hand to reduce the numbers of cases and make Sri Lanka a Covid Free country.

Keywords: Corona. Covid-19, Corona Virus, Location tracking, contact tracing, symptom checking,