

# **Senior Design Project Report**

**CSE/EEE/ETE 499B**

## **COVID-19 TRACKER BD APPLICATION BASED ON ANDROID**



### **Submitted By**

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**ELECTRICAL AND COMPUTER ENGINEERING**

**NORTH SOUTH UNIVERSITY**

**FALL 2020**

## Agreement Form

We take great pleasure in submitting our senior design project report on COVID-19 Tracker BD Application Based On Android. This report is prepared as a requirement of the Capstone Design Project CSE/EEE/ETE 499 A & B which is a two semester long senior design course. This course involves multidisciplinary teams of students who build and test custom designed systems, components or engineering processes. We would like to request you to accept this report as a partial fulfillment of Bachelors of Science degree under Electrical and Computer Engineering Department of North South University.

### **Declared By:**

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### **Approved By:**

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# **COVID-19 TRACKER BD** **APPLICATION BASED ON ANDROID**

## **Abstract**

To understand the exact coronavirus outbreak and the way it quickly surges worldwide, many countries are adopting non-therapeutic preventive measures, which include travel bans, remote work, complete country lock down, regular update of this pandemic, and most importantly, social distancing. However, these measures face challenges in Bangladesh known as the world's densest populations. This war like situation, a lower-middle-income economy put this country and the government in a big challenge to implement the mitigation facilities. As a densest population country it is quite a challenge to maintain social distancing in many areas of the country. At a local level mobile sanitization, temporary quarantine sites and healthcare facilities could help mitigate the impact of the pandemic, and health experts, along with international assistance can enable the country to minimize the impact of the pandemic. To minimize the impact and to spread more awareness in the country we need to take more steps for spreading the awareness, so in this modern era the manuscript authors taking a new steps that is **android COVID-19 tracking system**, it could be very helpful for the people and make them more aware of this pandemic situation and also this could be helpful for the government and UN to understand and get the exact data of COVID-19.

GitHub repository: [https://github.com/psych094/499\\_covid\\_tracker](https://github.com/psych094/499_covid_tracker)