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|  | **BANGALORE INSTITUTE OF TECHNOLOGY** |
| **K R ROAD, V V PURA, BENGALURU-04** |
| **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING** |

Mobile Application Development Laboratory Mini Project(18CSMP68)

SYNOPSIS

**COVID-19 TRACKER APP**

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| **USN** | **NAME** | **BATCH** |
| **1BI18CS011** | **Akash T M** | **A1** |
| **1BI18CS034**  **1BI18CS073**  **1BI19CS401** | **B Praveen Nayak**  **Likhith B**  **Amith S** | **A1**  **B1**  **A4** |

* **Covid-19 Tracker App is an android based application,** as all we are aware the world is facing one of the worst epidemics. The outbreak of Covid-19 during this time period to develop Covid-19 Tracker Android app using REST API which will track the Global Stats and gives the probability of total number of cases, recovered cases, death rates and current running cases in all the countries around the world. To build an application we use APIs from 3rd party websites. In turn, we will learn to load the JSON data from API URL and load it into the app. Then we learn how to populate the data in the form of a list using recycler view and its adapter using a custom layout.

**List of Activities and functionalities included in this application:**

* **COVID-19 Tracker Activity:** This particular activity is used to outbreak the Global Stats of all over the countries.
* **Track Activity:** This activity is used to search for a affected country, to have a overall result of the country.
* **Country Report:** This activity will give the result with respect to the country that has affected by the Covid-19, and gives the result as country name, current cases, death rates, critical cases, etc.

Lab In Charges:

* 1. **Dr Hemavathi P (Assistant Professor)**
  2. **Prof. Shruthiba A**

**(Assistant Professor)**