

FULL STACK -2 PROJECT

(2020-21)



Department of Computer Science and Applications

Mathura

COVID-19 TRACKER

Using React JS

SYNOPSIS

Team Members:

Deepanshi Garg

(University Roll No- 181500206)

Megha Kansal

(University Roll No- 181500382)

Supervised By:

Mr. Pankaj Kapoor

Asst. Professor Department of Computer Science &
Applications

Introduction:

Most people in the world stay at home these days because of the lockdown. Most of you are frustrated about staying at home for a long time. Therefore, we will make a COVID-19 tracking application and get pleasure about that we create a tracking application.

“COVID19 TRACKER” is a useful application with a bunch of exciting features that it offers to the users from no page reloads to all corona virus related data under a single web page. It covers all scenarios to achieve the requirements of any user searching for worldwide or country wise details regarding corona virus. The data is collected by

asynchronous API calls to disease.sh that provides dynamic data depending on the endpoint used during the call.

Technology Used:

A large number of npm packages like react, react-dom, @material-ui etc. along with React JS and CSS library like Material UI has been used in order to code the website such that it results in an attractive, responsive and a beautiful project with a single technology that is JS and making API calls to collect worldwide data related to Corona virus.

Future Scope:

Further implementation of some exciting features like disease prediction on the basis of symptoms and direction of further steps such as finding an appropriate doctor nearby user area would add wonders to this application. These will be helpful in understanding and developing new algorithms for finding doctor's for users according to their area. This is a booming research topic which is still going on for surveillance of large crowds in real time applications.

Conclusion:

From this application, we conclude that how React JS and some basic concepts of frontend development can lead to such an exciting web application with a bunch of features. Though the application is a pretty

basic for now but it has a great scope for further implementation of some advanced topics and some more technologies and for now the application is serving its aim to the fullest for which it is developed.

References:

We referred to the following resources:

- Google Search
- Youtube Videos
- <https://www.beta-labs.in/>
- <https://www.w3schools.com/>