

Covid 19 Tracker (Countrywise)

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Description of the project:

The covid 19 tracking project is covid 19 real time status tracker all over the world. It updates the related to covid-19 on a daily basis by various parameters, such as no. of deaths per day, no. of covid affected per day, no. of active cases per day. It uses an api to update this information related to covid-19 on daily basis and also in a cumulative manner. This has been created by using HTML, CSS, JavaScript (as frontend) and reactJs (as backend).

Problem it solves:

It will display real-time data related to Covid-19 of all over the world. It will show information on daily basis (such as, death case, active case) and also in cumulative order. It will demonstrate the information country-wise.

Inspiration behind the project:

Since 2019-2020, covid-19 pandemic is disrupting the life cycle of human civilization again and again. So, in this perspective, it is very important to observe the nature of the pandemic on a daily basis. Because, according to specialists in future another wave may come and if we keep the record of daily basis track, then we will be able to realize it as soon as possible and control the wave.

In this perspective, covid-19 tracker will be very useful to measure the covid cases and its fatality rate on a daily basis. Govt. portal everyday updates the data of covid cases and this has been proved immensely beneficial to resist the future waves of covid.

Inspired by govt. portal and various other portals, we have made this project to track the data of covid-19 on a daily basis and track the momentum of covid-19 on a real time basis.

Technologies used developing the project:

We have created a web application named COVID 19 Tracker . In this web application when the user enters the name of the country , it will display the active cases , recovered cases , total amount of death and also the amount of new cases ,deaths on that day. We have used HTML , JavaScript for our Front-end part . We have used CSS for styling of the component file . In the JavaScript file we have created a form to take the input from the user and fetch and display the details. For our back-end part we mainly have used ReactJs framework Our component name is CovidData and we have imported this component file in App.js. . We have used a real-time API for fetching data as per our user needed . When the data is fetched we passed the variable objects using JSX expression to display the data.

Problems we have faced during the implementation of the project:

The main problem that we faced , while making this project was , to find a perfect API for this web application . There was many real time API through which we could have get this data . But we were searching for an API from which we could get live data about this Covid cases. And the second problem which we faced was to connect the json file to our Js . For which we learned many thing from many sites about this problem . After that , now we are here with our COVID-19 Tracker project.