**COVID TRACKING**

* The application shows real-time data for the number of cases of Corona Virus in various States and districts of India.
* It also shows the increase in no of cases all over the country, increase in a number of cases state wise and district wise.
* It also show the confirmed cases, active cases, recovered, and total no of deaths.
* Also, the app has one page named Precautions which contains certain guidelines and various helpline numbers and Links.
* The app has the banner part where some guidelines are displayed continuously and changes every 5 seconds to make people aware, what are safety measures etc.

**Technology Used**

* Angular9
* Typescript
* Javascript sorting Functions
* Bootstrap

**Key Features of App**

* RealTime data of no. of cases of Corona Virus
* Shows Confirmed Active, Recovered, no of Deaths
* Show Data of All affected States
* Show data of Affected District of States
* Can sort Data in ascending /descending order.
* Certain guidelines, helplines numbers and website links.
* The banner part which shows continuously guidelines and preventive measure.
* Refreshed Data every 15–30 minutes

**Components and Services**

* **AppComponent**: Contains Header and Footer
* **HomeComponent(Dashboard)**: Entry point of application which includes everything inside it. It contains all data of state component and includes district Component inside it.
* **DistrictComponent**: Contains a list of the district for specific States and loaded dynamically in HomeComponent on Click of a particular state.
* **PrecautionComponent**: Contains certain guidelines, helpline numbers and Links.
* **FAQComponent(LatestNews)**: Can’t complete it
* **LoginComponent**: Admin can login.
* **CoronaVirus Service**: Where all JSON data are fetched using Http Request

**API for fetching Data**

* **States Daily changes**: <https://api.covid19india.org/states_daily.json>
* **State-district-wise** : <https://api.covid19india.org/state_district_wise.json>
* **State-district-wise V2**: <https://api.covid19india.org/v2/state_district_wise.json>
* **Banner Data**: <https://api.covid19india.org/website_data.json>