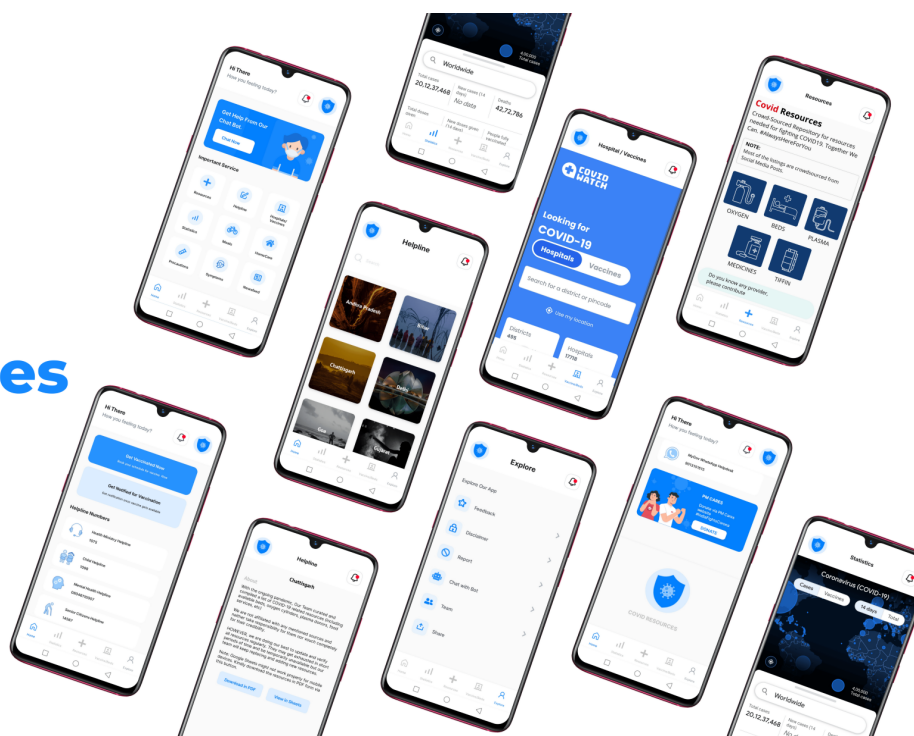


# COVID RESOURCES

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The COVID-19 crisis and social distancing had a significant impact on our lives. And it has affected the lives of billions of people and to a greater extent this year.

“The year of the pandemic” has shown that apps are at the heart of our lives, and we rely on them more than ever before.

Contact tracing apps are used by health departments to find people who may have come into contact with someone infected with COVID-19. Apps aid in the collection of data and the tracking of people's movements, making the process faster and more useful.

Some may be able to identify people who may have been exposed to the virus, allowing them to isolate themselves and monitor for symptoms.

Apple and Google have collaborated on a platform for contact tracing that makes use of Bluetooth and a phone's operating system.

## Problem

Right now one of the biggest problems that people in India are facing is lack of resources and to be true they face more problems in accessing those resources.

Everyday we see our friends posting on social media for the need of resources and many of them don't have access to and don't know about it.

## Solution

Upon analysing all of these problems our team decided to build an app which would provide accurate information at the time of crisis. As we all know we are being hit by a new wave of covid in every six months or so. We have decided to develop a resources app for covid which would have all the details a person would need.

In this app we have listed the resources of different states of India and people who are in need can simply come and search in their locality and can contact them. Our app covid resources focuses on providing accurate data to the users. We have in our database integrated all of the information about the various hospitals across the country using AstraDb and others open source APIs and information available.

The interface of our app is extremely simple and user friendly. We have arranged all the resources under state names which users can download as in pdf format or in excel sheet. All you have to do is select your state and you are good to go.

## Ideation

The app is divided into different sections :

- **Covid Resources:** This is the main objective of the app. It provides information about the COVID resources in the nearby location. The person in need has to just fill in his location and it will show all the available resources near him and contact details to avail it. We have stored data of various states in the Airtable database.
- **Covid statistics:** We have Integrated google stats for Covid-19 in our app which helps us to provide accurate data about covid statistics and vaccination statistics.
- **Vaccination / Hospital beds:** We have also integrated the status of Vaccination / Hospital beds through which people can get information about the vaccination available and hospital beds available in their area.
- **Covid Helpline:** We have included various helpline numbers which will give people ease of contact to the proper authority provided by the government.

- **Covid Vaccination:** We have also added a covid vaccination booking link through which people can book their vaccination from the Cowin website. (Official website for Vaccination booking in India).
- **Vaccine Notification:** We have integrated service in our app through which people can register themselves to get notified whenever a vaccine is available.
- **Chatbot:** We have Integrated a chatbot using google dialog flow which will help users to get information about various things. (Chatbot is still needed to be modified).
- **Precautions:** We have added a few precautions so that people can get knowledge about it.

So this was the basic outline of the app.

## Working Links

Github Repository Link:-

[https://github.com/Abhi6722/covid\\_resources/blob/main/App/Covid\\_Resources.apk](https://github.com/Abhi6722/covid_resources/blob/main/App/Covid_Resources.apk)

Link to App:

[https://github.com/Abhi6722/covid\\_resources/blob/main/App/Covid\\_Resources.apk](https://github.com/Abhi6722/covid_resources/blob/main/App/Covid_Resources.apk)