

COVIDTRACER

Problem Statement

In India, most of the Covid tracker Apps currently in use provide cases and deaths by state wise count only. Also, most of the Apps are not providing extra facility or assistance for a visually challenged individual to get the required information by themselves.

Objective

The purpose of this CovidTracer App is to help reduce the spread of coronavirus in India by providing district-wise Covid count information. In this App, a Text-voice converter is included to provide assistance to visually challenged individuals also. This helps in ensuring a safer living environment for everyone. This App presents the user with a fast, and easy to use user interface to get not only the real time covid-statistics of the respective state but also the real time covid-statistic of its every district.

Features

- **Single Activity App**
This makes the App easier to use for people of all walks of life especially for visually challenged individual.
- **Speech Search Enabled**
A comprehensive speech search allows the user to search for the required information with a single click thus eliminating the need of typing. Hence making the user experience seamless and making the app handy for the differently abled.
- **Retrofit Library**
Best practices used to make the search result appear in no time as we value the time of the user
- **Case-Insensitive Input Enabled**
All test cases are handled, hence full liberty is given to the user to input data in any way the user pleases with only exception of spelling (while typing).
- **Text to Speech Enabled**
Once the users inputs the data the state's total tally will be spoken out for the user thus making the app handy for even Differently abled.
- **UI-Landscape/Portrait Enabled**

The app is compatible with both Landscape and portrait orientation with no lag in orientation change

- **Last Updated Date and time is also given**

This helps to ensure that the data acquired is a real-time covid count.

Target Audience

- Firstly, the app is made with the core principle of easy to use, fast results, and handy for visually challenged individual
- Since the user could provide input through voice also, this app reaches to people belonging to all walks of life and genre.

Advantage

- This app provides the confirmed and death cases even district wise, thus it clearly stands out from the rest thus making the app unique in its own way.

App Photos:



