

Abstract

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Team Name : BugZero

Theme Name : COVID-19 and Quarantine

College Name : Walchand Institute of Technology, Solapur

Explain your idea:

The idea is to tackle the novel coronavirus by being self-quarantined and explore the corona updates and showing some precautionary action make everyone to be safe.

The Android app named as 'SmartTracker-Covid-19' created to spread awareness about the COVID -19 virus. App includes following functionalities:

1. CoronaEx Section -

This section having following sub components:

- News tab: Having latest new updates. Fake news seems to be spreading just as fast as the virus but as we have integrated from official sources so everyone will be aware from fake news.
- World Statistic tab: Real-time Dashboard that tracks the recent cases of covid-19 across the world.
- India Statistic tab: Coronavirus cases across different states in India with relevant death and recovered cases.
- Prevention tab: Some Prevention to be carried out in order to defeat corona.

2. CoronaQuiz section - quiz that will help people know about the Corona virus and its effects on human body. It chooses random questions and show the correct answer for the questions and at the end user will get to know their highest score.

3. Helpline Section - As this application particularly made for Indian citizen to use, all state helpline number of India included.

4. Chatbot Section - A self-assisted bot made for the people navigate corona virus situation.

Common Questions: Start screening, what is COVID-19? , What are the symptoms.

Explain how your app will help peoples(Why people should use your app?)

In this pandemic time everyone is isolated at their home. The 'SmartTracker-COVID-19' helps the people to be more updated with latest data as it includes news, world statistics and India's current cases. The people from every domain should use this application as it helps to plan to avoid more cases in this epidemic. Coronavirus quiz game that debunks myths surrounding. In case of emergency people use the helpline numbers provided. As the app includes necessary steps to be taken out to prevent the coronavirus spread and self-assisted chatbot helps user to know more about the COVID-19.

Discuss about the problems you faced while developing

At time of integrating the chatbot in application. It was the first attempt to create chatbot. Though I have tried with sample question at some extent.

How will you implement the idea? :

For this idea we have used following tech stack :

- IDE : Android Studio

Dependencies :

- User should have proper internet facility.