COVID-19 Statistics Based on Location

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Abstract- Covid-19 Statistics based on location-React-Native project. The idea for this application came from mini project we did about predictions and visualization of virus at start of 2020, when covid-19 virus was new and there was no predictions aboutit. In that application we used machine learning algorithms to visualize the trends in covid-19 outbreak in charts and graph formats. Since then, world has changed allot and tracking the virus become need of time, hence this app was created to track the daily number of cases, deaths and recoveries.

This app works on bases of React-Native which is an open-source UI software with JavaScript framework for writing real, nativelycreating mobile applications for iOS and Android And for the data collection part it uses rest AP-I's.

These types of app are easy to use and fast rendering. We can use the react components to render different parts so that we don't have to render the whole page again, which reduces the load on users mobile.

This app can give you real time updates on covid-19 based onthe location you have selected, also the historical records of that location regarding the covid-19.

This app can be very helpful to gain incites about current covid- 19 condition, and also with its user friendliness it can be usedby anyone who has a smartphone.

Indexed Terms- component, formatting, style, styling, insert

I. INTRODUCTION

This application is use full for anyo ne around the worldto gain knowledge of current covid trends.

This app works on bases of React-Native which is a opensource UI software with JavaScript framework for writing real, natively creating mobile applications for iOS andAndroid And for the data collection part it uses rest AP-I's. These types of app are easy to use and fast rendering. We canuse the react components to render different parts so that we don't have to render the whole page again, which reduces theload on users mobile.

This app can give you real time updates on covid-19 basedon the location you have selected, also the historical recordsof that location regarding the covid-19.

II. EASE OF USE

The application is very user friendly and can be used by anyone with prior knowledge of handling a smartphone. Since this application is a responsive type it can be used on any smartphone.

III. FIGURES AND TABLES

Fig. 1: Block Diagram

(a) this diagram shows the working of the project like principal partsand function

Fig. 3: Flow Chart

(a) this diagram shows the flow of the application

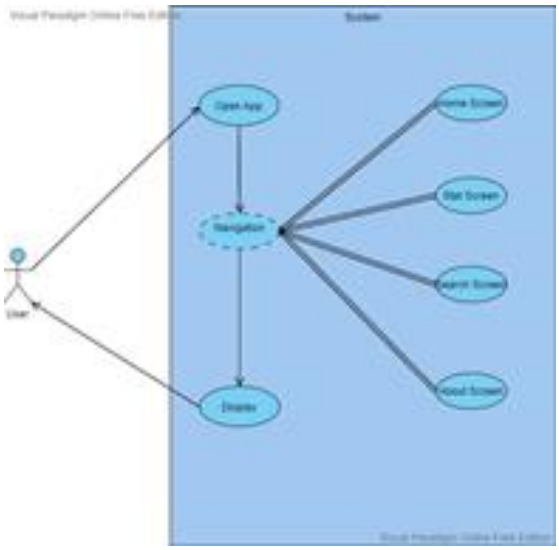

Fig. 5: Use Case

(a) this diagram shows a graphical representation of system

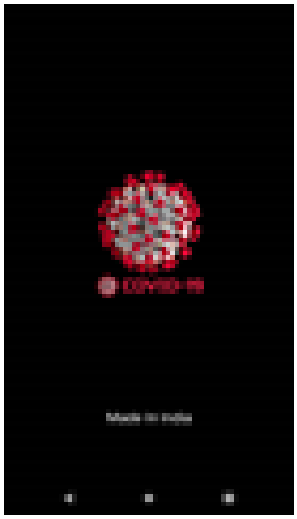

Fig. 7: Splash Screen

(a) this diagram is representation of splash screen of this app

(b) this is startup screen when you open app.

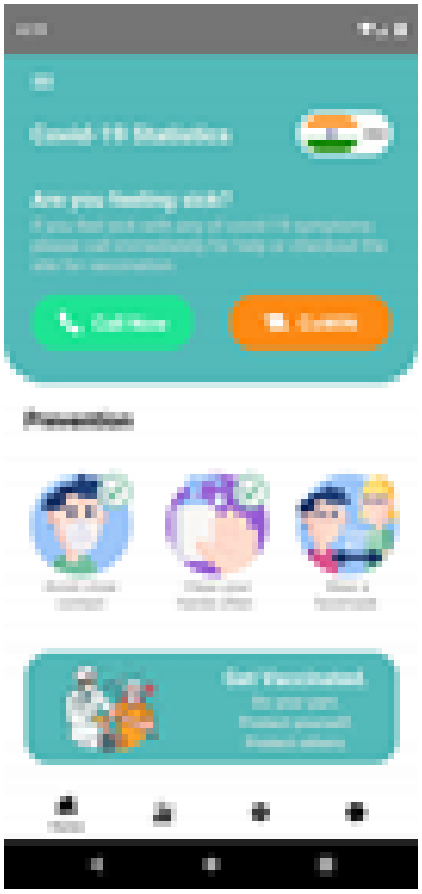

Fig. 9: Home Screen

(a) this diagram is representation of home screen of this app

(b) this screen has three main sections.

(c) The basic info about covid-19 and helpline and cowin website.

(d) The basic steps to prevent covid-19.

(e) And encouragement to get vaccinated.

IV. RESULT

Fig. 11: Stats Screen

(a) this diagram is representation of stats screen of this app
(b) This screen contains two main sections.
(c) The My-country and global part which shows stats specific toyour selection.
(d) And Graph about the cases.

Fig. 13: Search Screen

(a) this diagram is representation of search screen of this app

V. DISCUSSION AND CONCLUSIONS

A. Conclusion

With this project, we existing the visualization associated with Covid-19, which makes use of Open- s o u r c e API to the advancement on the COVID-19 outbreak. We live using React-Native/Java Script to accomplish visualization of covid-19 in India. Employing React-Native libraries/Modules can be an easy task to create use

B. Discussion

These kinds of results build in present evidence involving government provided files.

The try things out provide a fresh insight into typically the relationship between covid-19 trends.

These kinds of results need to be consumed into account if considering using typically the data for virtually any research. Typically, the data contributes some sort of clearer comprehension of covid-19 trends.

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