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Webconn – An approach to track the Covid cases around the world

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Abstract*: Webconn is a Covid-19 tracking Web application. It shows all the active as well as recovered numbers of worldwide covid cases. As we know there are vast number of apps have been developed during the past few months where a person can get the information that how many people were affected due to this worst pandemic but they face some difficulties such as for any mobile apps to know information related with covid cases first they have to install them. Webconn is an alternative of that mobile apps as it is a web app so we don't need to install it. We can simply open our browser and get all the information of worldwide covid cases in a very efficient manner as it shows worldwide case in graphical, statistical manner. Besides all such core functionalities that Webconn includes are Map Wise covid cases.*

Keywords: Web-App, Data, Mobile-App, Pandemic, Covid cases, information.

1. Introduction:

As the name suggest Coronavirus is a virus and strain of coronavirus, Covid-19, was first reported in Wuhan, China in late December 2019. It infects many species of animals as well as humans. When the government of China noticed this virus, it takes some strict actions to stop its spreading but its they fail to stop its spreading. Atlas they have to announce lockdown in their city and after that in allover China but it was too late for the world.

Coronavirus Spread very quickly all over the world and becomes a big problem for each and every human as wells as animals' life. And after that is declare as a worst pandemic for the world.

This virus infected a huge number of people all over the world. Many families lost their love ones due to this pandemic. Many people died due to this pandemic but the spreading doesn't become control or slow. Each hour it spreader more quickly.

Most common symptoms are:

- Fever

- Dry cough
- Tiredness

When its becomes pandemic and its spreading doesn't control then the government of many countries looks toward the lockdown and declare lockdown in their respective countries. So in this pandemic and unfadable situation it is very important for every people that everyone should be aware with worst corona virus.

Two applications have already been developed; 1) to analyze data trends and estimating short-term projections; and 2) To assess the effect of the lockdown on the trend of incident data. We are currently planning to improve the app by uploading shortly new applications for data visualization and analysis, which may help for a better understanding so we developed Webconn Web –App which is the Covid-19 tracking Web application which tracks: -

- the total number of worldwide Covid cases.
- the total number of recovered Covid case.
- as well as number of total number deaths due to Covid -19.

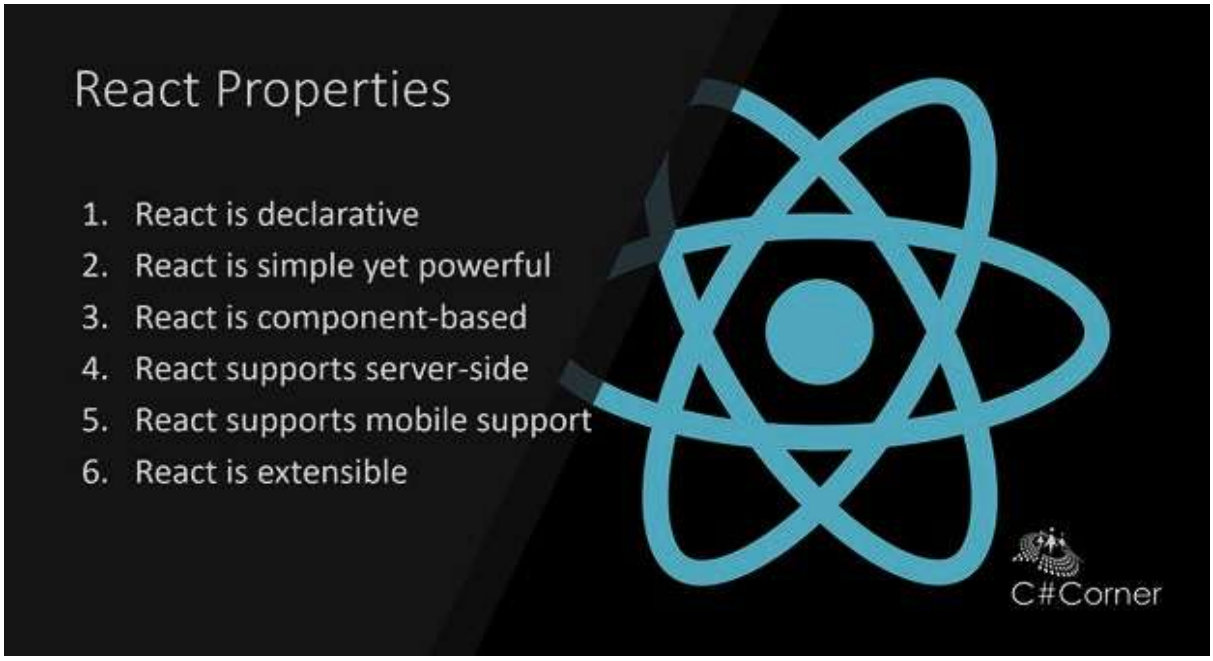
2. Objective of Webconn

- To spread awareness about Covid -19 .

- Try to explain that how Covid cases are alive all around the world with the help of map, bar graph and statistical data.
- Also try to explain how quickly Covid cases can increases in just 24 hours all around the world.

3. ReactJs

ReactJs is a user –friendly JavaScript Library for building fast and interactive user interfaces. It was developed at Facebook in 2011 and it's the most popular java library for building user interfaces. Every React application has at least one component which prefer to as a "Root component". This component represents the entire application and contains other the child components. So, every React application is essentially a three of components. ReactJs is the view layer in MVC (Model, View, Controller).



Some well-known sites that use React include

- Facebook
- Netflix
- Khan Academy
- Asana
- Airbnb
- Reddit
- BBC
- UberEATS

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- Dropbox
- Atlassian
- Cloudflare
- Flipboard

4. Facilities required for proposed work

4.1 Software Requirements

Following are the minimum requirement for the system or the computer to carry out the proposed work. These are the minimum requirements for the proposed work to run smoothly, so here are the basic software requirements:

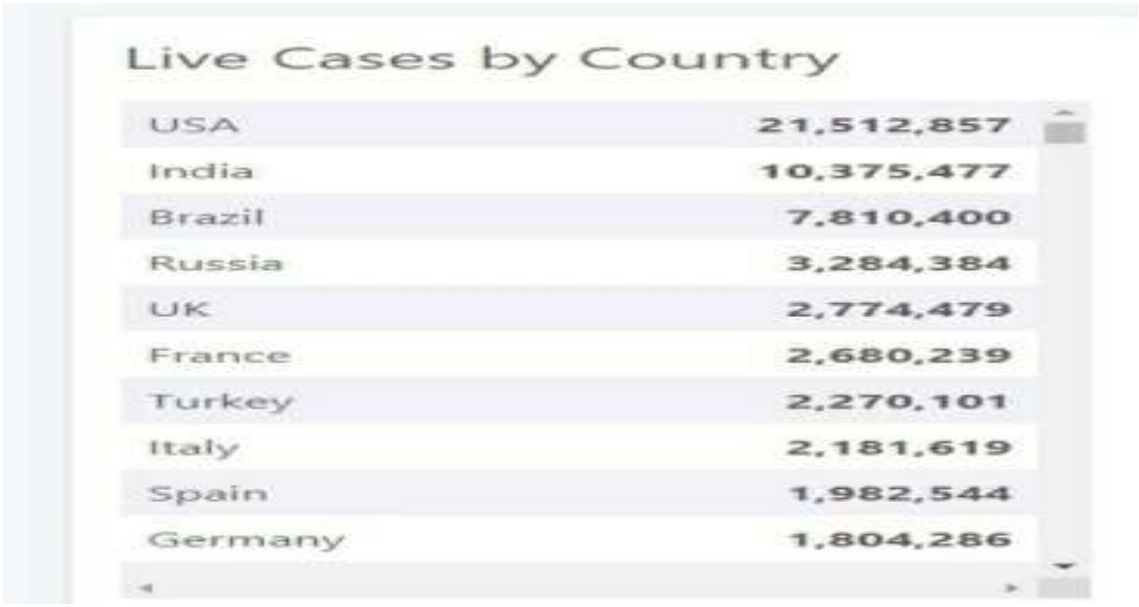
- HTML 5
- CSS
- REACT (17.0.0)
- Node.js (14.15.4)
- jQuery
- Bootstrap
- Firebase database.

4.2 Hardware Requirements

As it is the web application, our application only required a device which can run a web browser and internet connection.

5. Conclusion

Web Apps are considered to be an important tool for people to get all the correct information of Covid cases in very efficient way. Therefore, we are developing this (Webconn) as high–quality filter to be used for the pandemic optimization problem in a very efficient and interactive way and trying to show how much people in each hour affected and lost their lives due to this ever-worst pandemic. This web application is quite convenient to track the uprising cases in the pandemic covid-19. Therefore, this could be a quite smooth and easy application that can be accessed through the internet browser and could be a quite user friendly for the normal user and it gives a good information in a clear way.



So that people aware themselves by visualizing the record of infected as well as death record and follow the Covid's protocols.

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