PROBLEM STATEMENT :-

In this new normal world of COVID19 pandemic, covid infected people are the ones to suffer the most. Most of the time patients are isolated in their homes, and they have to keep track of their parameters and medicines on an hourly basis as this is crucial when it comes to this infection because evading this can cause serious deterioration in health. So, we, **Team YAAS**, have chosen to mitigate this problem that the Covid infected patients face.

IDEA :-

We are striving to create a monitoring system in the form of a web application that would help the users to keep track of their important health parameters like **Sp02 Level**, **Body Temperature**, **Pulse Rate** and **Blood Pressure** as well as their medicines and to monitor the same on a **daily** and **timely** basis. This would help the patients monitor their activities and remain assured that they don't miss on any of these parameters. And also the logs of these would help them easily to consult the doctor as the information is already there in a proper order.

We are also planning to give this info to their loved one's, so that they can also keep track of their medications.

SOLUTION :-

In order to address this problem, the solution or the hack that we have come up with is **CoviChecker. CoviChecker** is a **web application** that helps users(patients) to monitor important health parameters like **Pulse Rate**, **Blood Pressure**, **SpO2 Level** and **Body Temperature** and also ensures the timely intake of medicines as prescribed by the doctor **by sending notification within due time.** This relieves the patient from the stress of remembering the things. Being in isolation and fighting with stress and anxiety, it becomes quite difficult for a person to actually follow all the routines without a fail. Also, we focused on subsiding the loneliness of the patients by creating a community page where they can interact and also created a **ChatBot** that will help in **clarifying** a few general **Covid related questions** and also would **suggest motivational songs** and **quotes.**

Also we will be adding a resources section from where users will be able to get the latest covid resources of their city if they need it.

PRACTICALITY :-

It is very practical in the present scenario. Considering the seemingly inevitable and inescapable clutches of the virus that all humanity is in, it makes more sense to at least have a tool or an application that helps in giving some respite, howsoever small it may be, to the person suffering from such a terrifying infection. This is our sincere effort in providing the same.

DECLARATION OF READY/MADE CODE/API(S)
Twitter API
It is used to find information about hospital beds,icu,ventilator etc. about a particular city.
Code
https://twitter.com/search?q=verified+" + cityname + "+%28bed+OR+beds+OR+icu+OR+oxygen+OR+ventilator+OR+ventilators+OR+fabiflu%29+-%22not+verified%22+-%22unverified%22+-%22needed%22+-%22required%22&f=live

Chatbot
https://collect.chat/

Bootstrap style sheet
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Fontawesome

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