

WEB-ACT OF DETECTING COVID 19

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ABSTRACT:

The word "COVID-19" arrived and formed towards the population of every countries in the world with this kind of equation like covid19 infection rate = per person numbers. And, at this platform, it is playing its community transmission role but its from a previous virus family heard about eighty years before. Communicating with it needs an huge and deep understanding ability of Coronaviruses and then one can make a clear mission and charts in the form of COVID-19. This paper is based on a review of previous paper in the field of computer science and Coronaviruses and the thinkings of some storing and results of the before studies about COVID-19 epidemic. The dualfaced terms of this virus of the world covering economical factors and social factors and some difficulties also. The world is now in a war in the term of this epidemic, hence, in various shapes, arts and ethics. This confirmation makes clear methods in the facial changed paths of the society in summation to the upcoming pathways of computer science. This research refers that there is a thing what can use basic console application in the future to fight with such kind of epidemic. The upcoming technological pretends such as AI and IoT have a future task in the development of this kind of epidemiological field and controlation also. In this paper we are going to show a simple console application or program which will encourage new undergraduate students about to know what is the power of programming also.

KEY WORDS: Omen, Temperature, Heart, Cough rate, Smart application, Website, code.

INTRODUCTION:

World everyday acting with threats to their health condition sometimes without alarms from the nature or human mode, a ground of viruses arrived in previous, which brought main risk to human. The pandemic of Coronavirus Covid 19 started in Wuhan, China. Covid19 was described first of an epidemic (Anderson et al., 2020, Albzeirat et al., 2020). Covid19 is the new warning for the world to make unsafe every part and parcels. Now, Covid19 is increasing rapidly. Everyday we hear the people death. If we look at the report, the recovery numbers are no growing highly. And here these are normal descriptions. These were normal things of descriptions before Covid 19 attacks the world not only as a known terms, but also as an unknown murderer. And now, it is a threat to the world not only in health purpose, as economically and politically it is still an unknown object. Countries all over around the world have moved to lockdown system. For these lockdown system our business, education have stopped, and we also know the date of when we will work again. The findings illustrate the emergence of a viral disease with the identification of new associated disorders, new modes of transmission, including maternal-foetal and sexual transmission. And epidemiology is one of the main terms to. Accordingly, the connection of epidemiology to clinical research and medical care will be defined after the elements of epidemiology are discussed. (Flower, Higginbotham, Jamison, Chambard, & Porterfield, 2019). And, now we also see the lack of precision. The lack of precision has been shocking, even in those so-called objective measurements. (Harfouche et al., 2019). It was found by the Domestic scholars research on genomes of isolated viruses (from early patients) that the genetic sequence identity of a Corona virus (RaTG13) from a Chinese Chrysanthemum bat sample was as high as 96.2% (Zhou et al., 2020).

1. METHODOLOGY :

➤ **Marking main symptoms**

Previous studies indicate the main symptoms of infection with Covid19 virus (Lai et al., 2020). Main and general symptoms of COVID-19 are fever, weakness, cold, dry cough. In case some patients have pain, nasal issues, dizzy nose, throat problem and diarrhea also. All these symptoms are usually seen and start suddenly. Many people become felled but don't form any symptoms or can't feel weak or unwell etc. The most number of people about (80%) recover from this without having any kind of special treat.

➤ **Definition of logic to describe problems.**

Logical relation means Strategy and description. At this stage problem solving is one of the best key for getting rid of this COVID19. We can form it as recall problem. Cause we have seen a flax of this kind of problem previous. So, intergration with logical terms and symptoms we can define this virus.



Figure 1 ; Symptoms chart

➤ **Program for detection.**

There are two program to detect – one is screening and other is testing. At first, we can make an id and account and can take temp by the online screener system. And our results from the online screener can identify we are able at this present time, we can take details from where it is tested. First tested - we'll be contact via mail / phone when our COVID-19 test details are avail. World health organization globally are working to protect us from COVID-19 pandemic. Baseline corona virus 19 method is an initiative to span grant to COVID-19 online screening. And also for testing in those areas which has a high volume COVID19 effection cases. This COVID-19 method is acted on – 1) Helping people to get result free 2) Public health official enabling to target area of most cases. The accuracy and effectiveness of diagnostic testing; and treatment efficacy at an earlier stage, compared to the point in which the disease will usually be detected (Crinall et al., 2017).

➤ **To make people aware with website:**

The (COVID19) global epidemic has been placed by Corona virus. Means, some state of many countries emergency has been declined with lock down. This corona virus is increasing rapidly in Bangladesh. So, if we make a website where we will give live update, some important notice about corona virus, online corona test checking system etc, people will get benifited by this.

2. LITERATURE REVIEW

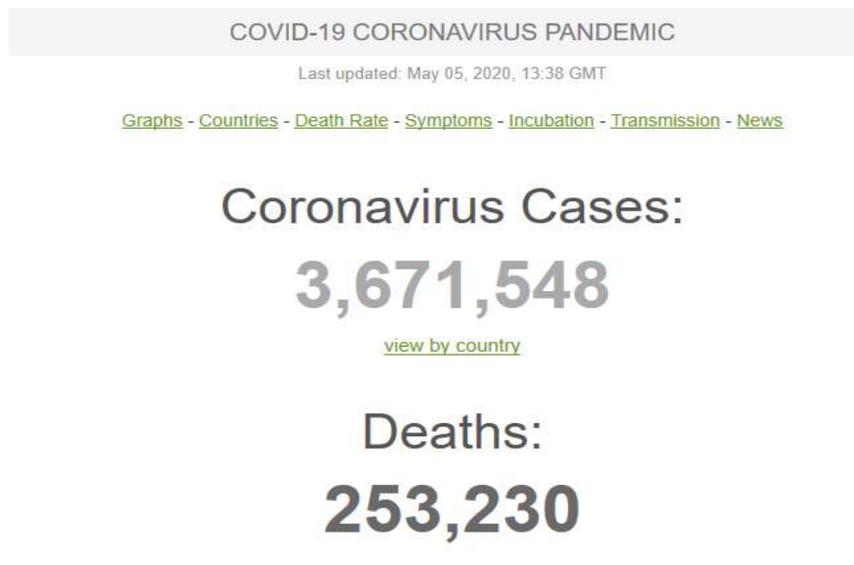


Figure 2; Website view

So, by visiting this people are getting the actual information corona virus update. And if we will make website like this which will also help people for how to protect yourself from this COVID19. Some people don't understand English though English is an international language. But, if every web developers of every country develop website like this with their own language people will surely understand the matter. Now here some information or discussion about corona virus—

This website will show people what to do at any circumstance. Example:

What will do a health worker if he is in teting? Then the answer be from website:- Dear healthworker, or critical situation worker please be clam, you may consult your location of office for certain health tips about whether to stay at home. Or, to be continue working while you are waiting for your test reports. You may follow CDC's guideline, In case of Bangladesh (IEDCR) guideline. Being able to identify these symptoms and act upon them when necessary is critical (Singhal, 2020).

4. Fever

Fever is the main symptom. No need to be panic with any number, try to know it's fever or not until your body temperature goes minimum 100 degrees Fahrenheit for children and also for adults. There are many fake news about fever. Average temperature in daily basis is (98.6 degree Fahrenheit), but we actually take up and down bit during the time as much as half of a degree or a degree, So, here 99.0 degrees / 99.5 degrees fahrenheit is not fever.

5. Cough

Coughing is the another key terms or symptoms. Though, it's not any kind of cough. That should be dry cough that we feel in our chest.

6. Difficulty breathing

Weakness of taking breath or Shortness of breath can be another symptoms and very dangerous manifest of Covid-19. And this can happen by own perhaps without any cough. If our chest becomes tightly and we start to have fell as if we cannot take breathe properly enough to have a perfect breath, then that's a sign of COVID19.

7. Implementation

Some studies have made suggestions for smart applications (Albzeirat et al., 2020; Hu et al., 2020). By application or website we can check our fever in case of testing COVID19..Taking value of a human body temperature we can check and also can compare this with the range of COV19 fever range. Now, we can take the temperature as fahrenheit. After that we can convert this to celsius.

Formula Given below :

$$\text{Celsius} = (\text{Fahrenheit} - 32) / 1.8$$

8. Code of temperature conversion:

```
function fcel (){
    var far = document.getElementById("far").value;
    var cel;
    if(far != ""){
        celsius = (fahrenheit - 32) * 5/9;
        document.getElementById("result").innerHTML = cel;
    }else {
        document.getElementById("result").innerHTML = "Enter your value!";
    }
}
```

9. Output of temperature conversion:

Enter Fahrenheit

13	Find Celsius
----	--------------

Output: -10.555555555555555

Figure 3; Outcome view

10. Total code of website for corona virus :

```
<!DOCTYPE html>
<html>
<head>
<title>
COV19
</title>
<meta charset ="UTF-8"/>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" type="text/css" href="stylesheet1.css" />
<script type="text/javascript" src="script.js"></script>
<link type="text/css" rel="stylesheet" href="style.css">
</head>
<body onload="startTime()">
<div id="breaking-news-container">
```

```
<div id="breaking-news-colour" class="slideup animated">
</div>
<span class="breaking-news-title delay-animated slidein">
// Breaking news//
</span>
<a class="breaking-news-headline delay-animated2 fadein marquee">
Total death : ---- Recover : ---
</a>
</div>
<br>
<br>
<br>
<div>
<div class="navbar">
<a href="https://coronachecker.dh.health/">Corona checker </a>
<div class="subnav">
<button class="subnavbtn">Symptoms<i class="fa fa-caret-down"></i></button>
<div class="subnav-content">
<a href="History.html" target="_blank">Primary </a>
<a href="Committee.html" target="_blank">Secondary </a>
<a href="Description.html" target="_blank">New </a>
</div>
</div>
<div class="subnav">
<button class="subnavbtn"> Health test <i class="fa fa-caret-down"></i></button>
<div class="subnav-content">
<a href="rt.html" target="_blank">Heart checker </a>
<a href="bmi.html" target="_blank">Health situation </a>
</div>
</div>
<a href="gallery.html" target="_blank">update</a>
<a href="hotline.html" target="_blank"> Hotline </a>
<a href="links.html" target="_self">Links </a>
</div>
<br>
<script src="https://apps.elfsight.com/p/platform.js" defer></script>
<div class="elfsight-app-0adbe255-105b-41d2-900f-41d255e4c546"></div>
<br>
<br>
```

```
<a class="weatherwidget-io" href="https://forecast7.com/en/23d8190d41/dhaka/" data-label_1="DHAKA" data-theme="orange" >DHAKA</a>
<script>
!function(d,s,id){var
js,fjs=d.getElementsByTagName(s)[0];if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src='http
s://weatherwidget.io/js/widget.min.js';fjs.parentNode.insertBefore(js,fjs);}}(document,'script','weatherwidge
t-io-js');
</script>
<br>
<br>
<h1>Some awareness</h1><br>
<div class="row">
<div class="column">

</div>
<div class="column">

</div>
<div class="column">

</div>
</div>
<br>
<br>
<h1>Pic about corona virus </h1><br>
<div class="row">
<div class="column">

</div>
<div class="column">

</div>
<div class="column">

</div>
</div>
<br>
<br>
<h1>More info about Covid 19 </h1><br>
<div class="row">
<div class="column">

</div>
```

```
<div class="column">

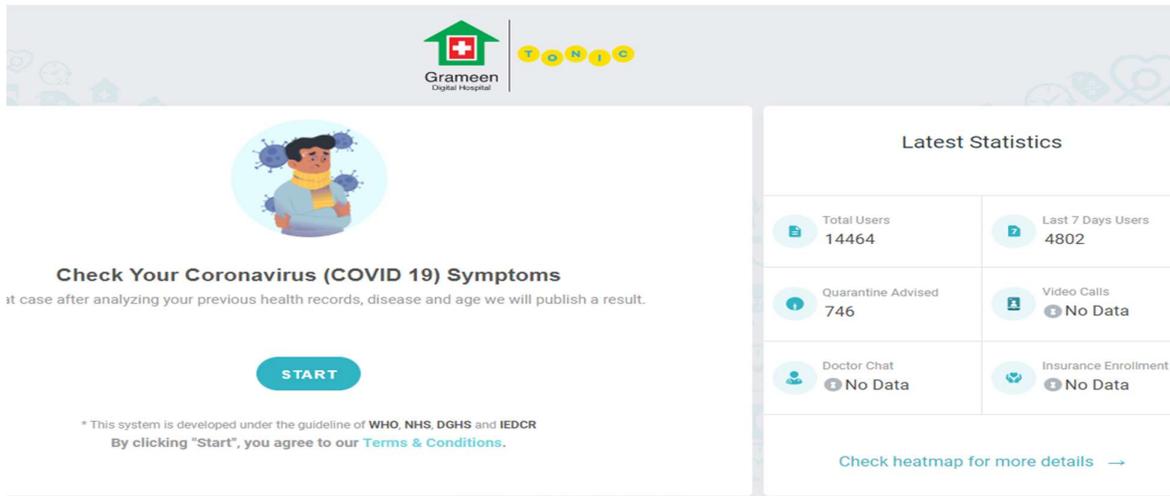
</div>
<div class="column">

</div>
</div>
<br>
<br>
<script src="https://apps.elfsight.com/p/platform.js" defer></script>
<div class="elfsight-app-bc484af4-dbda-428a-a352-a7bd5bd8b804"></div>
<br>
<br>
<div class="Fb">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
<div class="icon-bar">
<a href="https://www.facebook.com/iedcr" target="_blank" class="facebook"><i class="fa fa-
facebook"></i></a>
<a href="https://twitter.com/hashtag/iedcr" target="_blank" class="twitter"><i class="fa fa-
twitter"></i></a>
<a href="https://www.who.int/bangladesh/emergencies/coronavirus-disease-(covid-19)-update"
target="_blank" class="google"><i class="fa fa-google"></i></a>
<a href="https://www.youtube.com/watch?v=_UOvPrPoY-s" target="_blank" class="youtube"><i
class="fa fa-youtube"></i></a>
</div>
</div>
<script src="https://apps.elfsight.com/p/platform.js" defer></script>
<div class="elfsight-app-516457aa-897f-4ca4-acd5-ca1eda94a401"></div>
<div class="footer ">

</body>
</html>
```

11. Result :

Here is some picture of website according to these codes:



Front page:



Figure 4 ; Front page result view

Health checker:



Figure 5 ; BMI page result view

✚ Corona checker picture:

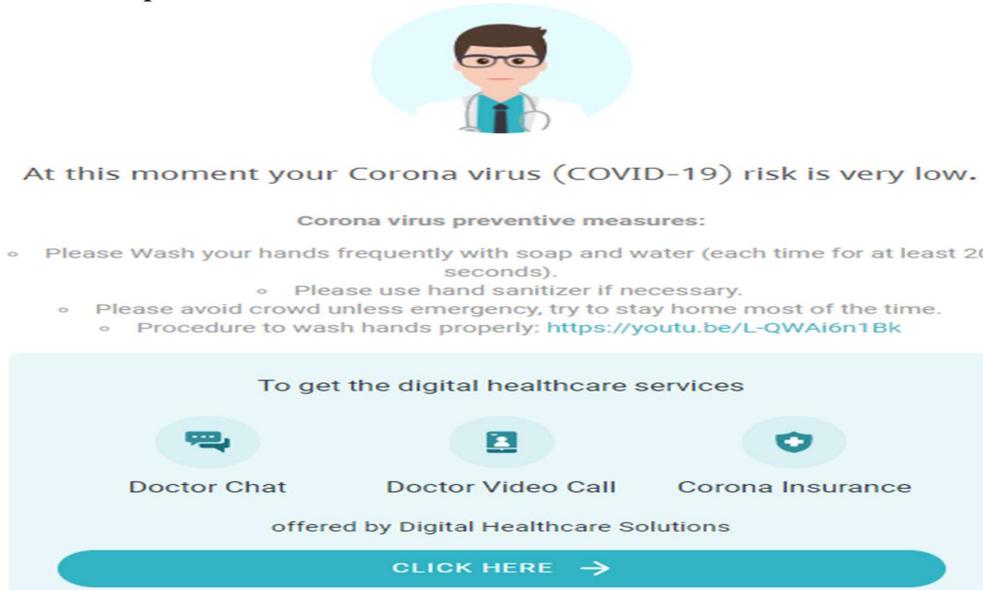


Figure 6 ; Report page result view

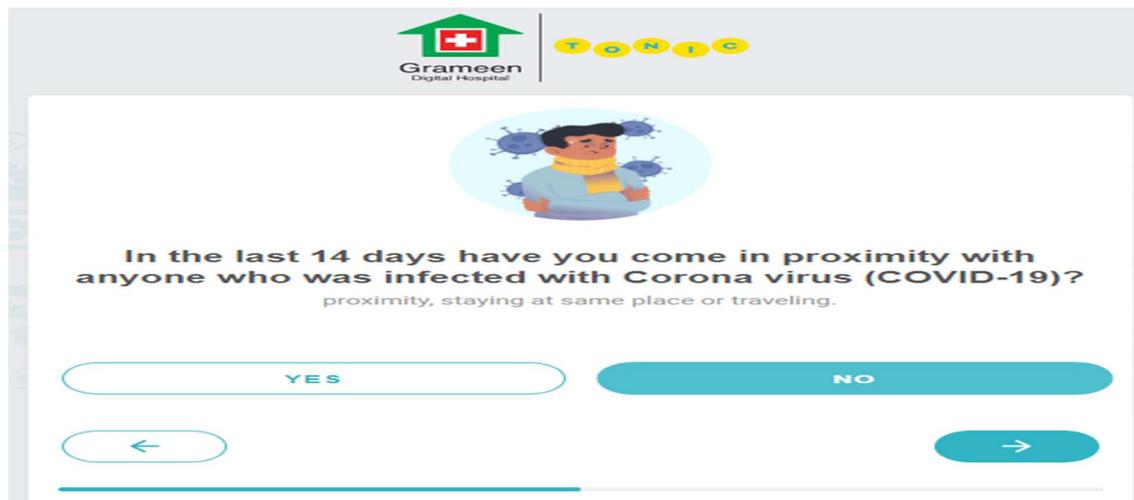


Figure 7 ; Query page result view

Figure 8 ; Contact taking page result view

CONCLUSIONS:

COVID-19 pandemic is surely an international problem what relates with human body. There have been a lot of deaths which we know by the website or TV channel. But, now in those pictures we see that we can safe ourselves more by using website or software. For he rapid transmission, countries all over the world should pay attention into this term. website systems and logical act for making website for country user friendly is the best decision in the base of technology.

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