A Project/Dissertation Review-2 Report

on

AFTER EFFECTS OF COVID-19

Submitted in partial fulfillment of the
requirement for the award of the degree
of

B. Tech Computer Science Engineering

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Under The
Supervision of
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Acknowledgement

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Abstract

After effects of covid-19 application will give critical associates and data. We will make a COVID-19 Tracker/Stats Application. A fused Research place equivalent boat association and watchword co-occasion examination are finished to imagine the three investigation thoughts in COVID-19 composition. A bit of our insights include: as SARS-CoV-2's RNA matches ~ 96% to SARS-CoV, it is believed to be sent from the bats. The typical results are high fever, dry hack, shortcoming, sputum creation, shortness of breath, the runs, etc Researchers' case that food and obstruction enhancers and treatment plans, lopinavir/ritonavir, picking up strength plasma and mesenchymal juvenile microorganisms and drugs including hydroxychloroquine, azithromycin and favipiravir are reasonable against COVID-19 This came report fills in as manual for help the heads, examiners and the clinical authorities to receive suggested intercession systems and the ideal treatment/drug against COVID-19.

This abstract is a brief summary of the project: for Endeavor abstracts, A typical abstract should include an initial statement that tells the reader what problem, task, or goal the project addressed and how it will benefit you, your field of expertise, and the world as a whole. This process was fairly successful at the start of the outbreak, when the number of cases was low. However, manual tracing will become infeasible as COVID-19 cases continue to balloon in India, which means tracing will begin to require the use of technology. As we all know that this Coronavirus pandemic has changed everyone's life, also it impacted our health badly. We are trying to make a simple resourceful web app which has to be user friendly as well as productive too in comparison with other applications available in the market. This Application is very easy to operate as it is made user friendly with the help of very effective GUI tools . Main consideration is user's easy access to all the functionality of the Application. In this project we will also analyze data from a dataset and process that data in our backend server and that will be fetched to our front-end interface.

CHAPTER 1

1.1
INTRODUCTION

Covid - 19 is one of the most deadly and heterogeneous illnesses in this current period that causes the passing of a tremendous number of people everywhere on the world. It is one of the biggest sickness that is answerable for humans demise.Covid 19 is one of the most broadly perceived disease among people around the globe and it is developing step by step, addressing the majority of the new illness cases and harm related passing's as demonstrated by overall estimations, making it an immense general ailment in the current society.While making a web application, it is important to comprehend that having a portable application is an essential for an effective undertaking. Likewise, when we talk about the costs, you should remember that more often than not and cost are identified with the backend (what occurs in the shadows and makes the application/web venture work). it is important to comprehend that having a portable application is an essential for an effective undertaking. Likewise, when we talk about the costs, you should remember that more often than not and cost are identified with the backend (what occurs in the shadows and makes the application/web venture work). Web application improvement can be given without any preparation or as an extra to the current web form. At The APP Solutions, we can work with one or the other alternative, since we have insight with coming into the advancement cycle at any venture lifecycle stage.

1.2 PROBLEM FORMULATION.

Problem Stated.

A simple resourceful web app which has to be user friendly as well as productive too in comparison with other applications available in the market. There are a lot of apps present on the internet, but we want to create something different. So, we are trying to combine features of Contact tracing is traditionally done manually. This cycle was genuinely fruitful toward the beginning of the flare-up, when the quantity of cases was low. Nonetheless, manual following will get infeasible as COVID-19 cases keep on expanding in India, which means following will start to require the utilization of innovation.

Problem Solution.

The project is going to fetch the live data from the API using Async/Await syntax. we also use React Hooks, you will have a strong understanding of React's workflow; including data fetching, hooks, folder structure, and more.There are a lot of apps present on the internet,but we want to create something different .So,we are trying to combine features of Contact tracing is traditionally done manually. This process was fairly successful at the start of the outbreak, when the number of cases was low. However, manual tracing will become infeasible as COVID-19 cases continue to balloon in India, which means tracing will begin to require the use of technology.
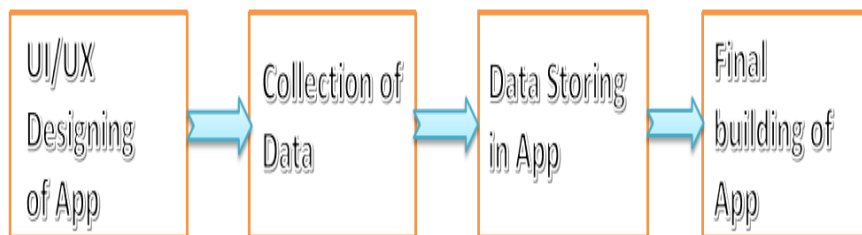
1.2.1

Tool and Technology Used

❖ **Languages used:**

1. Animate.css
2. JAVASCRIPT
3. MONGODB
4. REACT -used for front-end
5. NODE.JS -used for back-end

❖ **Software Requirement:**

➢ Windows 7 or higher

➢ Visual Studio

➢ Google Chrome Browse

CONTEXT DIAGRAM

An integrated time focus parallel-ship network and keyword co-occurrence analysis are carried out to visualize the three research concepts in COVID-19 literature. Some of our observations we will create a COVID-19 Tracker/Stats Application. An integrated Research focus parallel-ship network and keyword co-occurrence analysis are carried out to visualize the three research concepts in COVID-19.

CHAPTER 2

LITERATURE SURVEY

TITLE   :After Effects of COVID-19.
AUTHOR : Pradumay Dixit, Harsh Jariwala.

Efforts to control spread of COVID-19, institute quarantine and isolation measures, and appropriately clinically manage patients all require useful screening and diagnostic tools. While SARS-CoV-2 is spreading, other respiratory infections may be more common in a local community. We will use two criteria family group that causes disease in mammals and birds. [4] A lockdown across 180 affected locales for longer than a month with social-isolating and the protections taken in SARS and MERS are recommended by the Governments.[5] . A pandemic novel Covid was named as "Covid Disease 2019" (2019-nCoV) by World Health Organization (WHO) in Geneva, Switzerland .[6]This is the lethal third-age infection in Corona family went before by Middle East Respiratory Syndrome (MERS) in 2012 and Severe Acute Respiratory Syndrome (SARS) in 2003. [7] After Rhinoviruses, Coronaviruses are positioned as the primary driver of the typical cold without setting off any disorder.[8] In 1937, the essential Covid was situated in bats, seldom influencing people and generally coursing among creatures like bats, camels, and felines. Later, they mutated to contaminate rats, cattle, pigs, mice, cats, dogs, horses, and turkeys.. .[9]The primary human Covid, known in the sixties, contaminated the nasal cavities of people bringing about regular hack and cold. Side effects in various species incorporates: higher breathing parcel disease in chickens, looseness of the bowels in dairy animals and pigs, dry hack,

sluggishness, fever, sore throat, a throbbing painfulness, windedness, runny nose and the runs in people.

Coronavirus (CoV) is clustered under the viral family group that causes disease in mammals and birds. A pandemic novel coronavirus was named as "Corona Virus Disease 2019" (2019-nCoV) by World Health Organization (WHO) in Geneva, Switzerland . This is the deadly thirdgeneration virus in Corona family preceded by Middle East Respiratory Syndrome (MERS) in 2012 and Severe Acute Respiratory Syndrome (SARS) in 2003. After Rhinoviruses, Coronaviruses are ranked as the main cause of the commonplace cold without triggering any sickness . The first human coronavirus, known in the sixties, infected the nasal cavities of humans resulting in common cough and cold. Symptoms in different species includes: higher breathing tract ailment in chickens, diarrhoea in cows and pigs , dry cough, tiredness, fever, sore throat, aches and pains, shortness of breath, runny nose and diarrhoea in humans.

The current COVID-19 pandemic is clearly an international public health problem. There have been rapid advances in what we know about the pathogen, how it infects cells and causes disease, and clinical characteristics of diseaseIn global setting, locking down Wuhan city was one of the immediate measure taken by Chinese authorities and hence had slowed the global spread of COVID-19 . Setting up temperature check or scanning is mandatory at airport and border to identify the suspected cases. Continued research into the virus is critical to trace the source of the outbreak and provide evidence for future outbreak.

CHAPTER 3

SYSTEM ANALYSIS/Functionality of PROJECT

3.1 HARDWARE REQUIREMENTS

➢ i3 Processor Based Computer or higher

➢ Memory: 1 GB

➢ Hard Drive: 50 GB

➢ Monitor

➢ Internet Connection

3.2 SOFTWARE REQUIREMENTS

➢ Windows 7 or higher

➢ Visual Studio

➢ Google Chrome Browse

3.3 SYSTEM ADVANTAGES

• Easy to use

• Reduces the staff requirements

• This system is user friendly.

• This system can be used by the multiple peoples to get Track of online cases.

3.4 Problem Definition

It can be defined as a concise description of an issue to be addressed or a condition to be improved upon. Focusing on the facts, the problem statement should be designed to address the solution .The first condition of solving a problem is understanding the problem, which can be done by way of a problem statement.

People are inherently resistant to change, and computers have been known to facilitate change. An estimate should be made of how strong a reaction the user staff is likely to have toward the development of a computerized system, putting together the literature review section is a complex task. This process was fairly successful at the start of the outbreak, when the number of cases was low. However, manual tracing will become infeasible as COVID-19 cases continue to balloon in India, which means tracing will begin to require the use of technology.

Therefore, the software that is being developed is user friendly and easy to learn. More commonly known as cost/benefit analysis, the procedure is to be determining the benefits and savings that are expected from a candidate and compare them with costs. If benefits outweigh costs, then the decision is made to design and implement the system.

CHAPTER 4

Results and Modules Description

4.1 SYSTEM ARCHITECTURE

A system architecture is the conceptual model that defines the structure, behavior, and more views of a system. An architecture description is a formal description and representation of a system, organized in a way that supports reasoning about the structures and behaviors of the system.

Depending on the results of the initial investigation, the survey is expanded to a more detailed feasibility study.of system proposal according to its workability, impact on the organization, ability to meet user needs, and effective use of resources. An outline of the methods and procedures under-taken by the existing system, followed by coverage of the objectives and procedures of the candidate system. Included are also discussions of output reports, file structures, and costs and benefits of the candidate system. The objective of the feasibility study is not to solve the problem but to acquire a sense of its scope . Coding conventions, which stress readability and some language-specific conventions, are aimed at the maintenance of the software source code, which involves debugging and updating.

4.2 Software used (Front end & Backend)

- Animate.css
- JAVASCRIPT
- MONGODB
- REACT -used for front-end
- NODE.JS -used for back-end

Backend

Backend development (also stylized as back-end or back end development) is the skill that powers the web. ... Backend development languages handle the 'behind-the-scenes' functionality of web applications. It's code that connects the web to a database, manages user connections, and powers the web application itself. Database can be accessed from the backend to the front via **ATHENA API.**

Frontend

Front-end development is the development of the graphical user interface of a website, through the use of HTML, CSS, and JavaScript, so that users can view and interact with that website.

- **Landing page**
  animation /svg/vector
  Linked to main page via button
- **Main page**
  Header
  logo, nav.

4.3 Modules Used

- Graph Module

- Profile Module

- Code Editor Module

- Acess Module

4.3.1 Modules Description

GRAPH MODULE.

Graph Modules are basic display functions to navigate within the map: Once you have selected your submodule, you should decide what kind of graph type you want to use. The most typical ones are the **Line**- and **Bar-Charts**. A third possibility is the **Accumulated Line Graph .**This module is basically nothing but it is the home page of the app in which the user see all his/her following section post. It is feed section which allow user to post achievements and progress. It is similar to any other platform. It will display the feed of user.

PROFILE MODULE.

This Profile Module allows you to meet your requirements more efficiently by adjusting the inbound process to your user groups and their roles. There is a separate page or section which contains all the information regarding the user. There is an option for running all these languages in the app. Code editor helps to runs and make webpages for the user.

CODE EDITOR MODULE.

The Code Editor Module for this project has multifunctionalities which helps in interacting with other people as well as to develop a web page or app as it contains a compile which is for the languages like HTML, CSS AND JAVASCRIPT.

These three dialects are essential for making a site page and this compiler assists with assembling and run the code written in these three languages. There is an option for running all these languages in the app. Code editor helps to runs and make webpages for the user.This section is specially for the developers who want to test their code and want to collaborate with the other developers
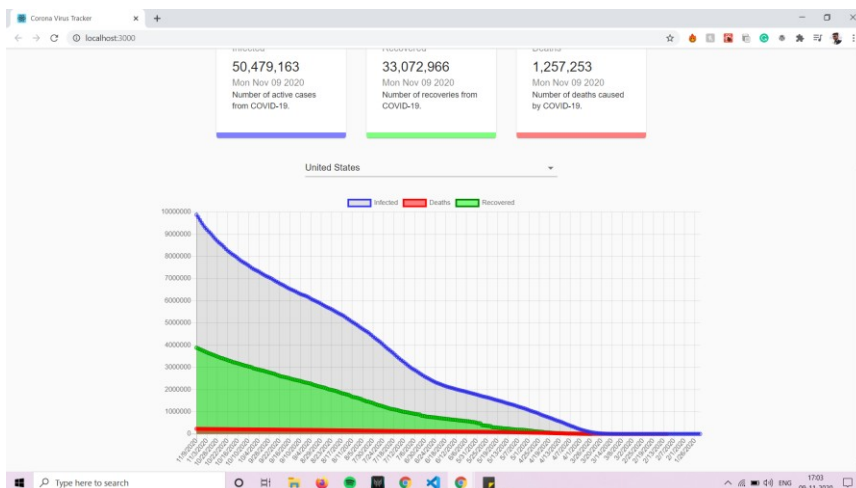
ACCESS MODULE.

Access modules includes class modules that are not associated with any object, and form modules and report modules, which are associated with a form or report. When you refer to a form in Visual Basic code, you are usually working with the default instance of the form's class. A form's class has only one default instance.

This module can also create multiple instances of the same form's class from Visual Basic. When you create multiple instances of a form's class, you create nondefault instances which helps to run and access webpages for the user.
Any properties that you set will affect this instance of the form's class, but won't be saved with the form , the form will stay open if the variable has been declared as a module-level variable.

4.4 Sample Output Result:-

Outputs should be captured in the monitoring and evaluation framework. Outputs generally include the numbers of support or service interactions that women and children will receive while they are in a shelter or are participating in a particular programme.Illustrative output indicators include:

REPOSITORY LINK
https://github.com/Pradumay/covid

CHAPTER 5

CONCLUSION

Conclusion includes the summarization of monitoring and evaluation framework which include the numbers of support or service interactions that women and children will receive while they are in a shelter or are participating in a particular programme.

In this project, the outputs consists of counting the number and types of services each programme participant receives; the length of time each participant remains in the programme and the frequency with which the participant uses particular.

Therefore, it is understandable that the system requires special efforts to educate and train the students.The software that is being developed is user friendly and easy to learn. Summing up the present wild way of life individuals should be fit and solid for pressure free life. Wellness can be depicted as a condition that encourages us look, feel and put forth a valiant effort. As we as a whole realize that this Coronavirus pandemic has transformed everyone, additionally it affected our wellbeing seriously. Because of this there is an exceptionally large effect on the wellness. Innovations utilized will be JavaScript, React, Node.js, and MongoDB.

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