

A
PROJECT REPORT
ON
COVID 19 TRACKER

A Project report submitted in
partial fulfillment of the requirement for the award of the Degree of

**MASTER OF TECHNOLOGY
IN
COMPUTER SCIENCE AND APPLICATION**

Submitted
By

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CERTIFICATE

This is to certify that the project report entitled COVID-19 TRACKER being submitted by Mr. Lalit Kumar Soren in partial fulfillment for the award of the Degree of Master of Technology in Computer Science and Application to the Biju Patnaik University of Technology is a record of bonafide work carried out by him under my guidance and supervision.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma.

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DECLARATION

I **Lalit Kumar Soren** bearing **Roll No: 1905106012**, a bonafide student of **College of Engineering and Technology**, would like to declare that the project titled "**COVID-19 TRACKER**" A partial fulfillment of MCA Degree course of Biju Patnaik University of Technology is my original work in the year 2021 under the guidance of **Mr. Manjit Kumar Nayak**, Assistant Professor, Computer Science & Application Department and it has not previously formed the basis for any degree or diploma or other any similar title submitted to any university.

Date: 4th Feb 2021

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ABSTRACT

While the COVID -19 outbreak was reported to first originate from Wuhan, China, it has been declared as a global pandemic by WHO (World Health Organization). In this scenario it is important to visualize the data and explore to help medical research and specially in epidemiological surveillance. The COVID-19 tracker website systematically produces daily updated data visualization. It collects automatically daily data on COVID-19 affected case, diagnosed cases and mortality. Based on these data medical researcher as well as people can see the COVID-19 cases across the world and India as well. And could analyze the spreading rate of covid-19 and find suitable path for defending. It should provide basic awareness for to avoid spreading. The website also provides a contact form through which a suspicious person can send their information by filling this through giving general information how they feel. That can help the healthcare department to identify the suspect and can take preventive measure to spread corona virus.

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Chapter 1. INTRODUCTION

1.1 INTRODUCTION

COVID-19 TRACKER more than a website to finding the real time COVID-19 case, whether it include COVID-19 case of across India as well as World of Daily confirm cases, Active cases, recovered cases and deceased cases as well. It helps researcher, scientist and medical officer to study about this new *naval coronavirus*. People can visit this site and get very fruitful awareness information to people and covid-19 suspect can send their contact information by filling a contact form Basically it can be used as a government healthcare department to contact them back, which can value for public health and prosperity.

Admin from healthcare sides can get covid-19 suspects information and take preventive measure to stop spread from that area.

1.2 PROJECT SCOPE

- The system allows a people can visualize covid-19 data on across the world of different country.
- Also see the case count on India and its different state.
- User can aware of about *naval coronavirus*, symptoms and prevention.
- User can contact the admin for sincere prevent.
- Admin can update patient information.
- Admin can delete patient information.
- Admin can print the patient data.

1.3 PROPOSED SYSTEM

In the proposed system our main focus is to integrated COVID-19 case tracks with suspect can contact healthcare department and healthcare admin can manage that database.

- Spread awareness among people.
- Collaborate with Healthcare department.
- Extending the facility of suspect contact tracing.

Chapter 2: System Requirement

2.1. Software Requirements

2.1.1 Frontend

- 2.1.1.1 HTML5
- 2.1.1.2 CSS3
- 2.1.1.3 BOOTSTRAP4
- 2.1.1.4 Java Script
- 2.1.1.5 XAMPP Apache HTTP Server

2.1.1 Backend

- 2.1.1.1 PHP
- 2.1.1.2 MySQL
- 2.1.1.3 REST API
- 2.1.1.4 JSON**

2.2. Hardware Requirement

- 3.2.1 Intel core i3 Processor or above to this Processor
- 3.2.2 Any OS with a Supported Web Browser
- 3.2.3 IDE
 - 3.2.3.1 Sublime Text-editor / any Text-Editor Installed

2.3. Languages

2.3.1 HTML

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

2.3.2 CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable

multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

2.3.3 JavaScript

JavaScript often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

➤ Why using PHP

Every PHP is an open source language and all its components are free to use and distribute. PHP is server-side scripting language. It is embedded in HTML source code. It is used to generate dynamic pages content. People find it useful to develop websites and dynamic web pages. It is platform independent. PHP supports all major web servers such as Apache, Microsoft IIS and Netscape etc. All the major database such as Mysql, PostgreSQL, Oracle, Sybase, Microsoft SQL Server is supported by PHP. The main reasons for using PHP language are:

- i) It collects form data and save data send by mail.
- ii) It sends and receives cookies by accessing cookies variables.
- iii) It provides add, delete and modify element function within our database.
- iv) Through PHP, we can restrict users to access some pages of our website.
- v) It can encrypt data, so that our data will become more secure.

➤ Why using MySQL

Mysql is the most popular open source relational database management system It is one of the best RDBMS being used to develop web-based software applications. It is easy to use and fast RDBMS. There are many good reasons which help us to develop website using this RDBMS:

- It is open-source, so available for free.
- It works on many operating system and with many languages including PHP, PERL, C, C++ etc.
- Mysql is customizable.
- Mysql works very friendly to PHP.

Mysql works very quickly and works well even with large data sets.

Chapter 3: Software Requirement Analysis

3. Software Requirement Analysis

Analysis is a detailed study of the various operations performed by a system and their relation within and outside the system. A key question is what must be done to solve the problem. One aspect of the analysis defining the boundaries of the system and determining whether or not a candidate system should consider other related system. During analysis data are collected on the available files decision points and transaction handled by the parent system. Some logical system models and tools are used in the analysis. Data flow diagrams, interviews, onsite observation and questionnaires are examples, the interview is commonly used in analysis. It requires special skill and sensitivity to the subject being interviewed bias in data collection and interpretation can be a problem.

Training experience and common sense are required for collections of the information needed to do analysis. Once analysis is completed, the analyst has firm understanding of what is to be done. The next step is to decide how the problem might be solved. Thus, in system design, we move from the logical to the physical of the life cycle.

3.1 Literature Survey/Review of Literature

Literature survey is the most important step in software development process. Before developing the tool it is necessary to determine the time factor, economy and company strength. Once these things are satisfied, then next steps are to determine which operating system and language can be used for developing the tool. Once the programmers start building the tool the programmers need lot of external support. This support can be obtained from senior programmers, from book or from websites. Before building the system the above considerations are taken into account for developing the proposed system.

I make this web based system by survey of these following literature

- A research project on ECRIN (European Clinical Research Infrastructure Network).
- WHO (World health organization) published paper and website.
- Research Gate webportal.

3.2. System planning and the initial Investigation

The most critical phase of managing system projects is planning to launch a system investigation, we need a plan detailing the steps to be taken, the people to be questioned and the outcome expected. The initial investigation has the objective of determining whether the user's request has potential merit. The major steps are defining user requirements. When the initial investigation is completed. The user receives a proposal summarizing the findings and the recommendation of the analyst.

3.3. Information Gathering

A key part of feasibility analysis is gathering information about the present system. The analyst knows what information to gather, where to find it, how to collect it and what to make of it. The proper use of tools for gathering information is the key to successful analysis. The tools are the traditional interview, questionnaire, and on-site observation. We need to know, for example how to structure an interview, what makes up a questionnaire, and what to look for on-site observations. These tools when learned help analysis assess the effectiveness of the present system and provide the groundwork for recommending a billing system.

3.4. Feasibility Study

The main objective of the preliminary analysis is to identify the problem, evaluate the system concept of feasibility, and perform the economic and technical analyses perform the cost benefit analysis. After the clarification analysis the solution proposed it is checked that it is practical to implement that solutions. This is done through the feasibility study. It is checked for various aspect whether the proposed solution is technically or economically feasible or not. On the basis of which it has been categorized into following classes viz

- 1.) Technical
- 2.) Economic
- 3.) Legal
- 4.) Operational

The outcome of the preliminary analysis should be clear so that an alternate way to do the job can be found out.

3.4.1. Technical Feasibility

During the technical feasibility studies following issues are taken into consideration

1. Whether the required technology is available or not?
2. Required resources are available or not? (Manpower, programmer, software and hardware etc)

Once the technical feasibility is established, it is important to consider the monetary factors also. Since it might happen that developing a particular system may be technically possible but it may require huge investments and benefits may be less. For evaluating this, economic feasibility of the proposed system is carried out.

As in our proposed system our team has technically trained manpower with knowledge of developing the system. We are going to use web technology in our system, which is readily available. Software to be used is also available easily. So technically the project is feasible.

3.4.2. Economic Feasibility

For any system if the expected benefits equal or exceed the expected costs, the system can be judged to be economically feasible. In economic feasibility, cost benefit analysis is done in which expected costs and benefits are evaluated.

Economic analysis is used for evaluating the effectiveness of the proposed system. In economic feasibility, the most important is cost benefit analysis. As the name suggests, it is an analysis of the cost to be incurred in the system and benefits derivable out of the system.

As in our institute the hardware and software required for this type of system is already available so economically our project is feasible.

3.4.3. Cost Benefit Analysis

Developing an IT application is an investment. Since after developing that application it provides the organization with profits. Profits can be monetary or in the form of the improved working environment. However, it carries risks, because in some cases an estimate can be wrong. And the project might not actually turn out to be beneficial.

Cost Benefit Analysis helps to give management a picture of cost, benefits and risks. It usually involves comparing alternate investments.

Cost Benefit determines the benefits and saving that are expected from the system and compare them with the expected costs.

The cost of an information system involves the development cost and maintenance cost. The development costs are one-time investments whereas the maintenance cost is recurring. The development cost is basically the cost incurred during the various stages of the system development.

Each phase of the life cycle has a cost. Some examples are:

1. Personal
2. Equipment
3. Supplies
4. Overheads etc.

In proposed system all hardware and Software are available in the company so cost is 0%.

3.4.4. Legal Feasibility

It includes study concerning contracts, liability, violation and legal other traps frequently unknown to the technical staff.

3.4.5. Behavioral Feasibility

The User also interested in this project, as it will help them to do work with ease and efficiently without complexity, so they supported the development of this project with full enthusiasm. This shows the behavioral feasibility of the project.

3.4.5. Time Feasibility

It is the determination of whether a proposed project can be implemented fully within stipulated time frame. The project was decided to be done in three months and was thought to be feasible

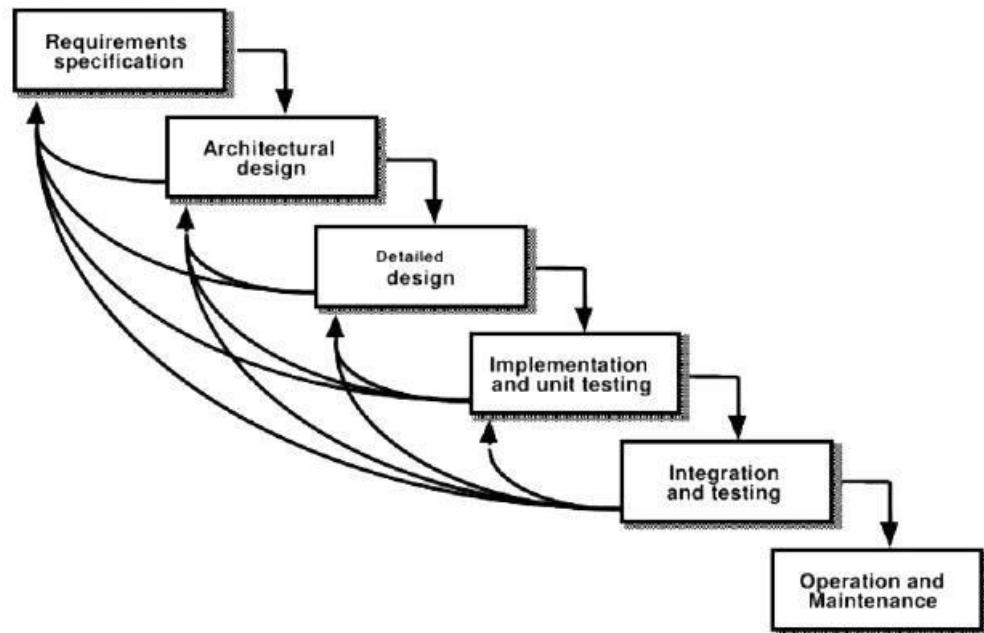
3.4.6. Software Process Model

The Software Process Models are the various processes or methodologies that are being selected for the development of the project depending on the project's aims and goals. There are many development life cycle models that have been developed in order to achieve different required objectives. The models specify the various stages of the process and the order in which they are carried out. The selection of model has very high impact on the testing that is carried out. It will define the what, where and when of our planned testing, influence regression testing and largely determines which test techniques to use. Choosing right model for developing of the software product or application is very important. Based on the model the development and testing processes are carried out. A Process Model describes the sequence of phases for the entire lifetime of a product. Therefore it is sometimes also called Software Life Cycle. This covers everything from the initial commercial idea until the final de-installation or disassembling of the product after its use.



In order to develop the project “Online Service Management System” we have adopted the Iterative Enhancement Model also known as Incremental Model. This model removes the shortcoming of waterfall model. Since many facts of this system are already known. It is not a new concept and hence no research is required. A working version can be easily created and hence the system can start working. Rest of the functionalities can be implemented in the next iteration and can be delivered later. As the requirement analysis is also not required. It not being a new technology risk involved is also less. So one need not perform detailed risk analysis. If redevelopment Admin is less than development can be started with less number of people and in next increments others can be involved. As this model combines the advantage

of waterfall model and prototyping, clients are always aware of the product being delivered and can always suggest changes and enhancements and can get them implemented. As less amount of customer communication is required one need not apply spiral model in which all types of analysis is done in detail. As the deadline is affordable one need not to for Rapid Application Development model. Iterative enhancement model is useful when less manpower is available for software development and the release deadlines are specified. It is best suited for in house product development, where it is ensured that the user has something to start with. The complete product is divided into releases and the developer delivers the product release by release.



Iterative Enhancement Model

Chapter 4: Project Plan & Approach

4. Project Plan & Approach

Phase-1: Requirement Gathering and Analysis

Gathering system requirement and prepare a System Requirement Specification document.

After collect the information it is analysed that the available resources can fulfil all the requirements. And it is also be examined that what resource will be used.

Phase-2: System Design

Make a detailed analysis of the system and prepare a System Design Document on the basis of SRS.

Phase-3: Prepare UTC/STC for testing the software

Prepare Unit Test Cases document. This document will be used to verify whether the functional requirements of the system have been met.

Phase-4: Develop the software

Develop the planned system

Phase-5: Test the software using the prepared UTC/STC and Rework if needed

Run your software programs using the respective UTC to verify & test the software.

Phase-6: Demonstrate the software to users & Implement it

Chapter 5: Project Schedule

PROJECT SCHEDULE

<i>Step #</i>	<i>Time Frame</i>
Phase 1. Requirement Gathering	10 Days
Phase 2. System Design	22 Days
Phase 3. Prepare UTC & STC for Testing the software	12 Days
Phase 4. Develop the software	35 Days
Phase 5. Test the software	13 Days
Phase 6. Demonstrate the software to users & implement it	12 Days

Table 1 Project Schedule

Chapter 6: Software Design

6.1. Scope

In this section we define the scope of the design effort. The design phase is an important part of the system development phase. A good design of the system needs creativity and flair from the designer and is the key to effective and successful engineering. The following are the basic objectives of the software design process:

- To describe the process of software design where informal ideas are transformed into detailed implementation description.
- Introduction of different stages in the design process.
- Understanding whether an Object Oriented or a Functional Oriented approach or both should be applied to the software.
- Determining and improving, cohesion control and coupling within subsystems.

In the project, the design phase has been identified as one of the most crucial documents. In this phase, we have identified the various aspect of the “USER MANAGEMENT”, which have to be implemented as subsystems and their further components.

6.2. System model specification

The system model chosen for the software project is the prototyping model. It begins with requirement gathering. The overall objectives of the software are well defined, known requirements are identified and an area where further definition is mandatory has been outlined. After this the software process is initiated and a prototype is built and then it is evaluated by the customer and used to refine requirements for the software to be developed. A prototype is a working system that is developed to test the ideas about the new system and prototyping is a process of building a model of the system to be developed. This approach is used in our project because it is difficult to know all the requirements in the beginning of the project. Such situation arises when no other system like proposed one is built earlier.

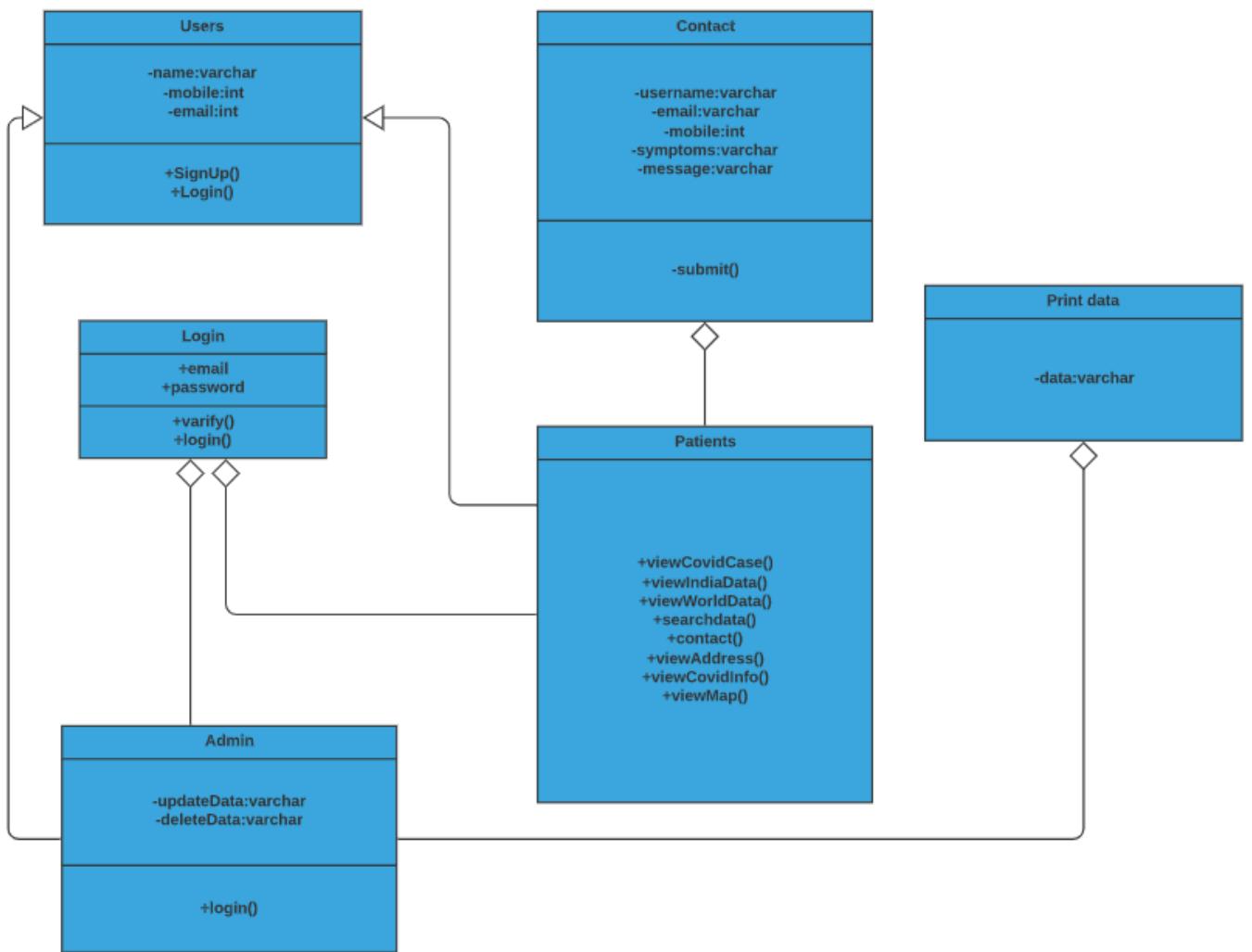
The complete system of our project is based on iterative model where the user keeps specifying the requirements according to the model made available and the changes are incorporated into the system to build a better model. In this type of approach, we will develop a prototype and show it to the user. The user verifies the prototype. In case if there are some suggestions from user then again that functionality is added to the system and again the user evaluates it. This cycle gets repeated till the time the user is completely satisfied with the prototype. Then the actual project is built and implemented thereafter.

6.3. Class Diagram

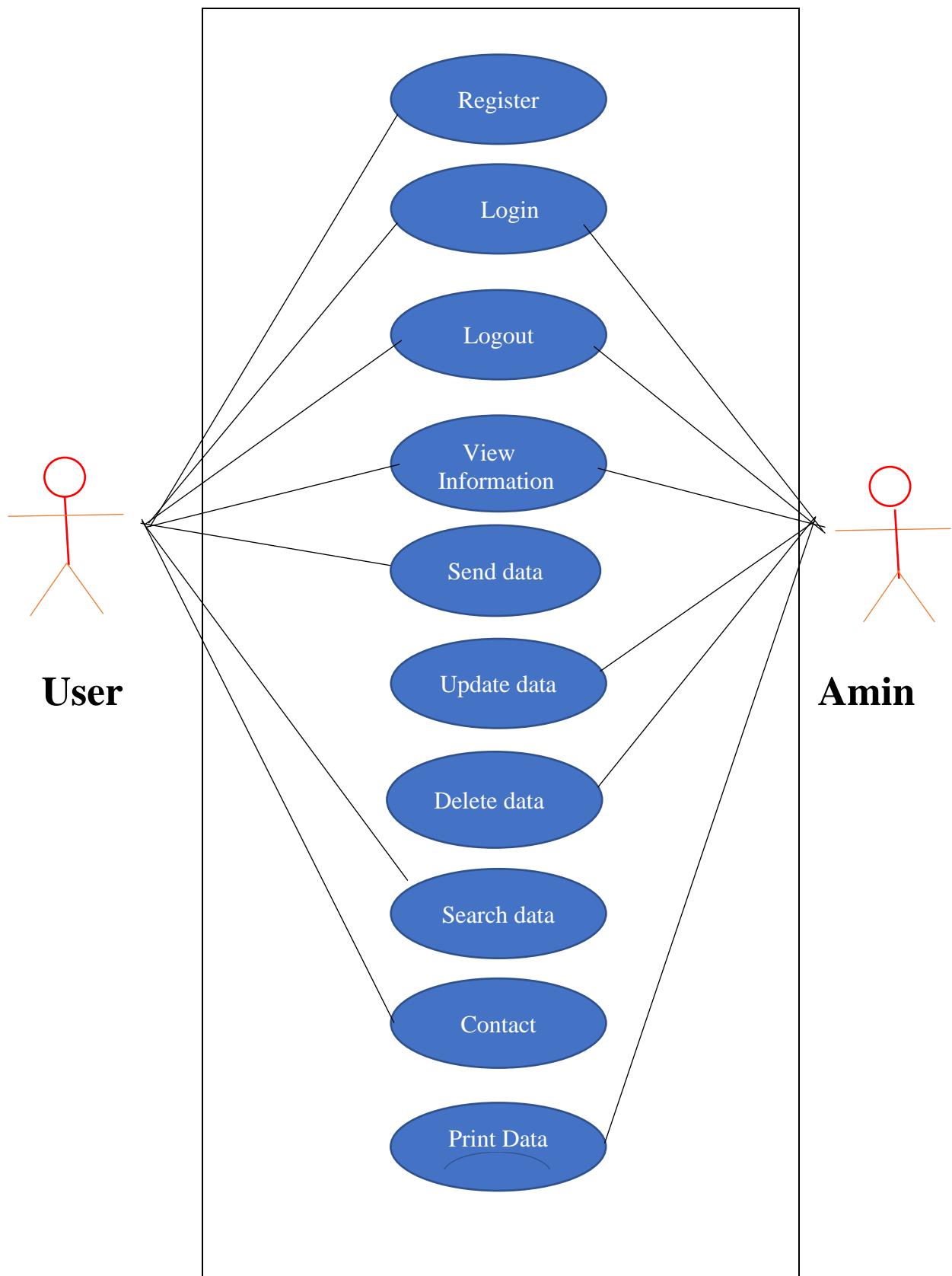
Class diagrams are the main building block in object-oriented modeling. They are used to show the different objects in a system, their attributes, their operations and the relationships among them.

Classes in class diagrams are represented by boxes that are partitioned as follows

- The top partition contains the name of the class.
- The middle part contains the class's attributes.
- The bottom partition shows the possible operations that are associated with the class

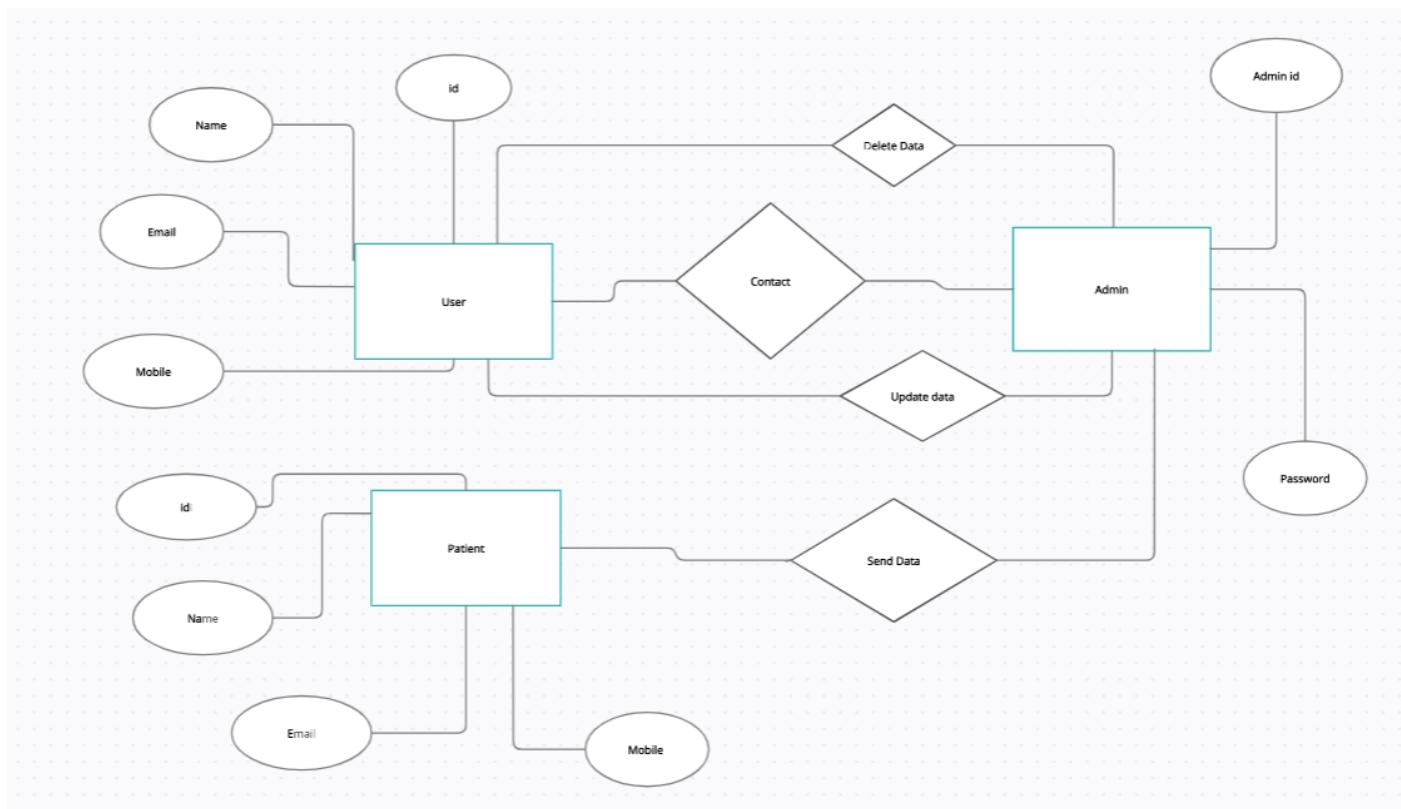


6.4. Use Case Diagram



6.5. ER Diagram

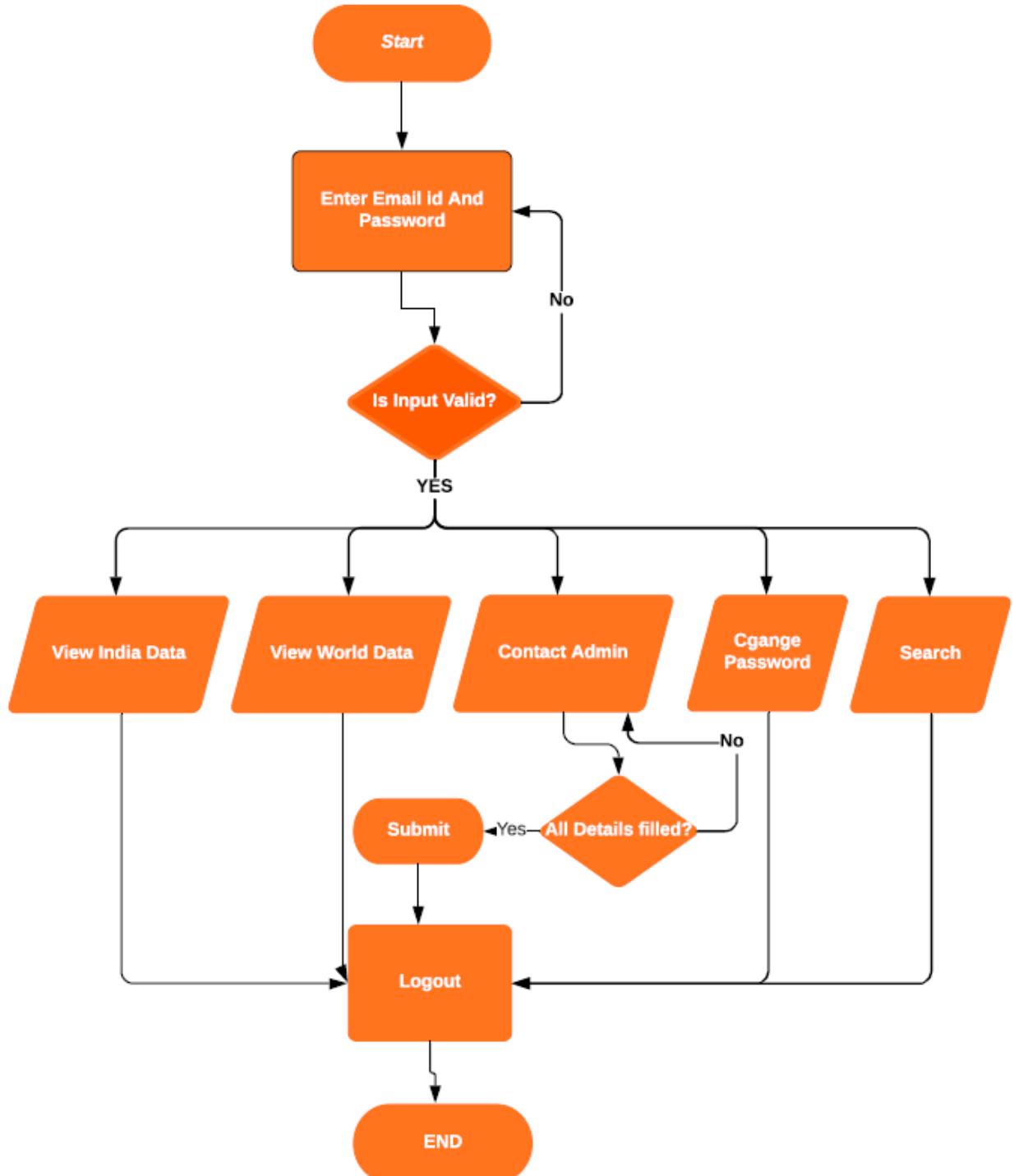
An Entity Relationship Diagram (ERD) is a visual representation of different entities within a system and how they relate to each other. Entity relationship diagrams are used in software engineering during the planning stages of the software project. They help to identify different system elements and their relationships with each other.



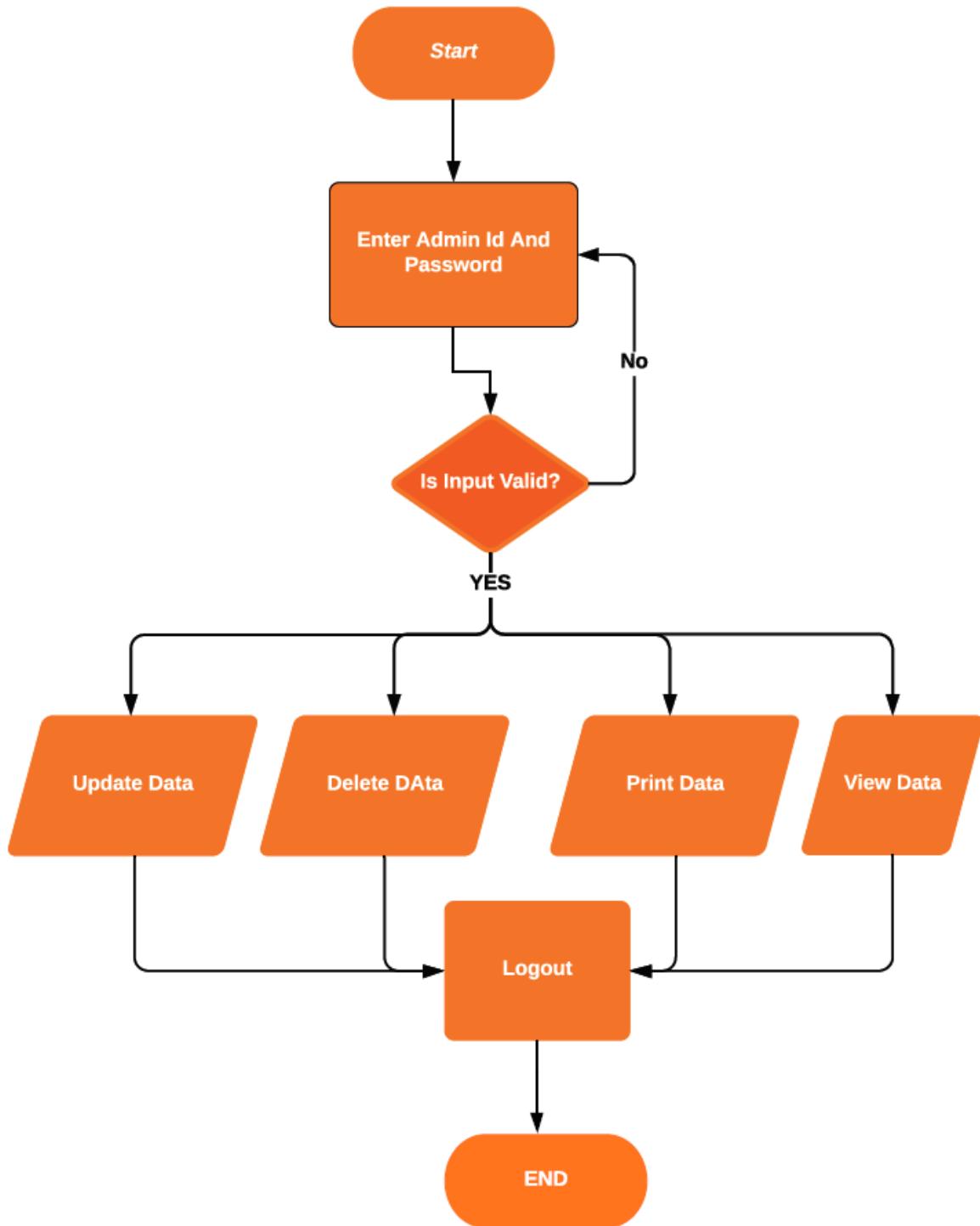
6.6 Activity Flow Diagram

A flowchart is a diagram that depicts a process, system or computer algorithm. They are widely used in multiple fields to document, study, plan, improve and communicate often complex processes in clear, easy-to-understand diagrams. Flowcharts, sometimes spelled as flow charts, use rectangles, ovals, diamonds and potentially numerous other shapes to define the type of step, along with connecting arrows to define flow and sequence.

6.6.1 For User



6.6.1 For Admin



6.7. System Architecture

Large system is generally decomposed to smaller subsystems that account for functionality of the complete software system.

This process of identifying the sub systems and establishing a framework for sub system control and communication is called architectural design.

Architectural design is an important phase, as a bad architectural design cannot be rescued by good implementation. Following activities were performed during this stage:

- Principle sub systems that are functionally independent were identified and distinguished.
- A general model of control relationships between system parts was established.

Each subsystem was further decomposed into their sub function.

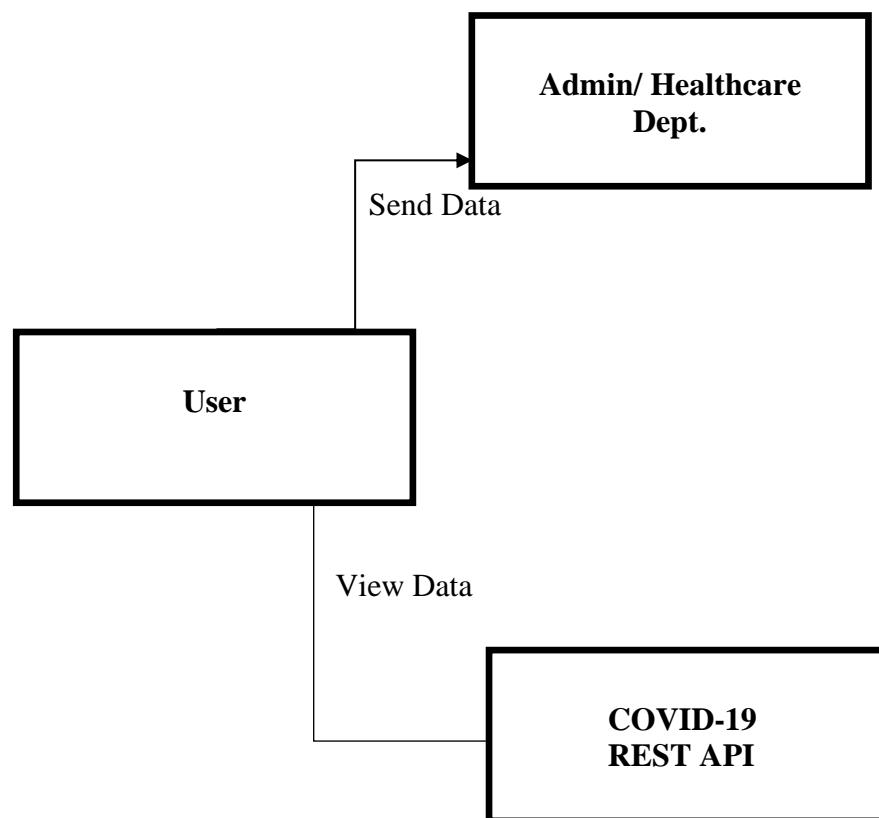


Fig. Architecture of COVID-19 Tracker

Chapter 7: Use Case Description

Use Case Name: Signup

Actors: User

Description: User can sign up using their name, mobile no, email & password.

The flow of Events:

A. Basic Flow

- 1)The user chooses to Sign up Now Button.
- 2)The system prompts for registration from.
- 3)The user must fill the form using their name and their unique mobile no, email & password.
- 4)The system verifies the unique mobile no & email if those are never been used in that system before. After getting the unique mobile no & email the system will create a new account of that user.

B. Alternative Flows

- 1) Invalid Mobile No/Email: If the mobile no or email entered by user have already registered before or if it's invalid then it displays registration unsuccessful.

Conditions:

1. Signup Success: The system displays the main interface from which additional actions can be initiated by the user.
2. Signup Failure: If the Signup fails as described in any of the alternative flows above, an appropriate message is displayed and the user is not considered authenticated.

Use Case Name: Login

Actors: User and Admin

Description: A registered user can login to the system, can initiate subsequent action admin can also Login with admin id and password.

The flow of Events:

A. Basic Flow

- 1) The registered user chooses to Login.
- 2) The system prompts for username (registered email) and password.
- 3) The registered user submits username and password.
- 4) The system verifies the username and password combination. It authorizes the registered user according to the role(s) to which the user has been assigned. Then it displays the main interface and awaits subsequent action from the user.

B. Alternative Flows

- 1) **Invalid Username/Password:** The system displays the Authentication Failed message.

Pre-conditions

User must have registered.

Post-conditions

1. **Login Success:** The system displays the main interface from which additional actions can be initiated by the user.
2. **Login Failure:** If the Login fails as described in any of the alternative flows above, an appropriate message is displayed.

Use Case Name: Logout

Actors: User and Admin

The flow of Events:

A. Basic Flow

- 1) The registered user chooses to Logout.
- 2) The user clicks on the logout button.
- 3) The system verifies the user and signs him out of the system. Then it displays the main interface and awaits subsequent action from the user.

B. Alternative Flows

- 1) **Invalid Username:** The system displays the logout Failed message.

Pre-conditions

User must have registered.

Post-conditions

1. **Logout Success:** The system displays the main interface from which again the login actions can be initiated by the user.
2. **Login Failure:** If the Logout fails as described in any of the alternative flows above, an appropriate message is displayed and the user is not signed out.

Use Case Name: View Information

Actors: User and Admin

Description: Users and admin will be able to view covid awareness Information like about, symptom and prevention and covid data of naval coronavirus.

The flow of Events:

A. Basic Flow

- 1)The user may choose to Login Now Button.
- 2)The system displays the main interface from which user and admin could view covid awareness information.

B. Alternative Flows

- 1) Invalid Details: If the details entered by User is invalid then the system should notify him.

Conditions: The user may register or not but they can see covid information like covid daily case and awareness information

Use Case Name: Send Data

Actor: User

Description: User can send their contact information to the admin if he/she feels unwell

The flow of Events:

A. Basic Flow

- 1)The user chooses to Login Now/Skip Now Button.
- 2)The system has a Contact navbar button he/she can click on that and fills their data and send it.

B. Alternative Flows

- 1)The System display enter correct data.

Pre-conditions:

- 1)User must fill all the contact details like name, email, mobile, symptoms and message

Post-conditions:

- 1)Send Successful: Hit submit buttons the data sent successfully.
- 2)Send Failure: The system display data does't sent.

Use Case Name: Update Data

Actor: Admin

Description: The admin can update patients data.

The flow of Events:

A. Basic Flow

- 1)The user chooses to Admin Login Button.
- 2)The system shows main interface where in the nav bar shows a buttons Admin
- 3)Admin must login enter the Admin id and password to go Admin page.
- 4)The admin can update data of patients in the admin page.

B. Alternative Flows

- 1) Invalid Details: If the details entered by User is invalid then the system should notify him.

Pre-conditions:

- 1)Admin must Login

Post-conditions:

- 1)Update Successfully: The system display update data.
- 2)Update failure: The system should notify.

Use Case Name: Delete Data

Actor: Admin

Description: The admin can Delete patient data.

The flow of Events:

A. Basic Flow

- 1)The user chooses to Admin Login Button.
- 2)The system shows main interface where in the nav bar shows a buttons Admin
- 3)Admin must login enter the Admin id and password to go Admin page.
- 4)The admin can delete data of patients in the admin page.

B. Alternative Flows

- 1) Invalid Details: If the details entered by User is invalid then the system should notify him.

Pre-conditions:

- 1)Admin must Login

Post-conditions:

- 1)Update Successfully: The system display data except delete one.
- 2)Update failure: The system should notify.

Use Case Name: Search Data

Actor: User

Description: The User can view covid cases across the world and India and search them.

The flow of Events:

A. Basic Flow

- 1)The user chooses to Login Now/Skip Now Button.
- 2)The system displays the main interface and their has India and world button from which the patient could search the data.

B. Alternative Flows

- 1) Search Unsuccessful: If entered the country and state name not found in the table then system shows a message not found.

Pre-conditions:

- 1) The user should enter the valid Country and state name in the search table.

Post-conditions:

1. Search Successful: The system displays the respective data
2. Search Failure: If the searching fails as described in any of the alternatives flows above, an appropriate message is displayed as please input the correct name.

Use Case Name: Contact

Actor: User

Description: The user can contact in the given number of the website.

The flow of Events:

A. Basic Flow

- 1)The user can contact by given mobile number and email address in the system.

B. Alternative Flows

- 1)Invalid contact can't successfully contact.

Conditions:

The user can contact in the given number of the website.

Use Case Name: Print Data

Actor: Admin

Description: The admin can print patient data.

The flow of Events:

A. Basic Flow

- 1)The admin must login Admin Login Button.
- 2)The system shows main interface where in the nav bar shows a button as Admin
- 3)Admin must login enter the Admin id and password to go Admin page.
- 4)The admin can print data of patients in the admin page.

B. Alternative Flows

- 1) Invalid Details: If the operates is invalid by the admin then the system should notify him.

Pre-conditions:

- 1)Admin must Login

Post-conditions:

- 1)Print Successfully: The system data can print by admin.
- 2)print failure: The system should notify.

Chapter 8: Coding /Code Templates

Web Platform:

Home Page:

Frontend:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title></title>
5     <?php include 'links/links.php'; ?>
6     <?php include 'CSS/style.php'; ?>
7     <script src="main.js"></script>
8   </head>
9   <body class="body_hma">
10    <nav style="z-index: 1000; position: absolute; top: 0; left: 0; width: 100%; height: 100%; background-color: #f8f9fa; border-bottom: 1px solid #e0e0e0; font-size: 14px; font-weight: bold; padding: 0; margin: 0; border-radius: 0; transition: all 0.3s ease; border: none; box-sizing: border-box;">
11      <a href="#">COVID-19</a>
12      <button type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
13        <span>Nav Bar Toggler</span>
14      </button>
15
16      <div class="collapse navbar-collapse" id="navbarSupportedContent">
17        <ul class="navbar-nav ml-5 pr-5 text-capitalize">
18          <li class="nav-item active">
19            <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
20          </li>
21          <li class="nav-item">
22            <a class="nav-link" href="#">About</a>
23          </li>
24          <li class="nav-item">
25            <a class="nav-link" href="#">Symtoms</a>
26          </li>
27          <li class="nav-item">
28            <a class="nav-link" href="#">Prevention</a>
29          </li>
30          <li class="nav-item">
31            <a class="nav-link" href="#">Contact</a>
32          </li>
33          <li class="nav-item">
34            <a class="nav-link" href="#">Admin</a>
35          </li>
36        </ul>
37        <div class="search" id="navbarSupportedContent">
38          <form action="https://www.google.com/search" class="form-inline mr-auto" method="GET" target="blank" >
39            <input class="form-control" type="text" name="q" placeholder="ENHANCED BY Google" aria-label="Search" >
40            <button class="btn btn-primary btn-rounded btn-sm my-0 ml-sm-2" name="key_submit" type="submit">Search</button>
41          </form>
42        </div>
43        <div id="login">
44          <?php
45            <?php
46              <?php
47                <?php
48                  <?php
49
50                  <div class="main_header">
51                    <div class="row width: "100" height: "100" >
52                      <div class="col-lg-5 col-md-5 col-12 order-lg-1 order-2">
53                        <div class="leftside w-100 h-100 d-flex justify-content-center align-items-center">
54                          
55                        </div>
56                      </div>
57                      <div class="col-lg-7 col-md-7 col-12 order-lg-2 order-1">
58                        <div class="rightside w-100 h-100 d-flex justify-content-center align-items-center">
59                          <h1>Let's Stay Safe & Fight Together against Cor<span class="corona_dot"></span></h1>
60                        </div>
61                      </div>
62                    </div>
63                    <!--*****Corona Latest Updates*****-->
64                    <section class="corona_update box-shadow">
65                      <div class="mb-3">
66                        <h3 class="text-uppercase update_heading text-center">covid-19 updates</h3>
67                      </div>
68                      <div class="container">
69                        <div class="row">
70                          <div class="btn col-md-6 btn-primary text-center">
71                            <a class="text-light" href="#">INDIA</a>
72                          </div>
73                          <div class="btn col-md-6 btn-danger text-center text-light">
74                            <a class="text-light" href="#">WORLD</a>
75                          </div>
76                        </div>
77                      </div>
78                      <div class="container-fluid pb-5 pt-5 shadow">
79                        <p class="text-center text-light">COVID-19 INDIA DATA</p>
80
81                        <div class="row text-center">
82                          <div class="col-3 text-warning">
83                            <h5>Confirmed</h5>
84                            <p class="count" id="confirmed"></p>
85                          </div>
86                          <div class="col-3 text-info">
87                            <h5>Active</h5>
88                            <p class="count" id="active"></p>
89                          </div>
90                          <div class="col-3 text-success">
91                            <h5>Recovered</h5>
92                            <p class="count" id="recovered"></p>
93                          </div>
94                          <div class="col-3 text-danger">
95                            <h5>Deceased</h5>
96                            <p class="count" id="deaths"></p>
97                          </div>
98                        </div>
99                      </div>
100                     <div class="container">
101                       <canvas id="myChart"></canvas>
102                     </div>
103                   </section>
104                   <!--*****About Covid-19*****-->
105                   <div class="container-fluid sub_section_about pt-5 pb-5 " id="aboutid">
106                     <div class="section_header text-center mb-5 mt-4">
107                       <h3>About COVID-19</h3>
108                     </div>
109                     <div class="row pt-5">
110                       <div class="col-lg-5 col-md-6 col-12 ml-5">
111                         
112                       </div>
113
114                       <div class="col-lg-6 col-md-6 col-12">
115                         <h2>What is COVID-19(Corona Virus)</h2>
116                       </div>
117                     </div>
118                   </div>
119                 </div>
120               </div>
121             </div>
122           </div>
123         </div>
124       </div>
125     </div>
126   </div>
127 </body>
```

```

122 <!--// corona symptoms //-->
123 <h2>What is COVID-19(Corona-Virus)</h2>
124 <p>>Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus.This new virus and disease were unknown before the outbreak began in wuhan,China in December 2019</p>
125 <p>>Coronavirus are allarge family of viruses which may cause illness in animal or humans.In humans,several coronavirus are known to cause respiratory infections ranging from the common cold to more severe dildese such as Middle East Respiratory Syndrome(MERS) and Severe Acute Respiratory Syndrome(SARS).The most recently discovered coronavirus causes coronavirus disease COVID-19. </p>
126 </div>
127 </div>
128 <!--// corona symptoms //-->
129 <div class="container-fluid pt-5 pb-5 shadow bg-light text-dark" id="symtomid">
130 <div class="section_header text-center mb-5 mt-4 ">
131 <h3> Corona Symptoms</h3>
132 </div>
133 <div class="container text-dark" style="opacity: 0.8 font:bold;">
134 <div class="row " >
135 <div class="col-lg-4 col-md-4 col-12">
136 <figure class="text-center">
137 
138 <figcaption>Cough</figcaption>
139 </figure>
140 </div>
141 <div class="col-lg-4 col-md-4 col-12">
142 <figure class="text-center">
143 
144 <figcaption>Runny nose</figcaption>
145 </figure>
146 </div>
147 <div class="col-lg-4 col-md-4 col-12">
148 <figure class="text-center">
149 
150 <figcaption>fever</figcaption>
151 </figure>
152 </div>
153 <div class="col-lg-4 col-md-4 col-12">
154 <figure class="text-center">
155 
156 <figcaption>Cold</figcaption>
157 </figure>
158 </div>
159 <div class="col-lg-4 col-md-4 col-12">
160 <figure class="text-center">
161 
162 <figcaption>Tiredness</figcaption>
163 </figure>
164 </div>
165 <div class="col-lg-4 col-md-4 col-12">
166 <figure class="text-center">
167 
168 <figcaption>Difficulty breathing(severe cases)</figcaption>
169 </figure>
170 </div>
171 <!--// corona prevention //-->
172 <div class="col-lg-4 col-md-4 col-12">
173 <figure class="text-center">
174 
175 <figcaption>Wash your Hand Regularly with soap and water or alchollo based hand rub</p>
176 </div>
177 <div class="col-lg-4 col-md-4 col-12">
178 <figure class="text-center">
179 
180 <div class="col-lg-8 col-md-8 col-12">
181 <p>Cover Your nose and mouth with a disposable tissue or fixed elbow when you cough or sneeze</p>
182 </div>
183 </div>
184 <div class="container">
185 <div class="row " >
186 <div class="col-lg-4 col-md-4 col-12 mt-5">
187 <div class="row " >
188 <div class="col-lg-4 col-md-4 col-12">
189 <p>>prevention >prevention is better then cure. It is very necessary take precution mesure before effect you.Protect yourself and others around you by knowing the facts and taking appropriate precautions. Follow advice provided by your local health authority.</p>
190 </div>
191 </div>
192 <div class="col-lg-4 col-md-4 col-12 mt-5">
193 <div class="row " >
194 <div class="col-lg-4 col-md-4 col-12 mt-5">
195 <div class="row " >
196 <div class="col-lg-4 col-md-4 col-12">
197 <figure class="text-center">
198 
199 </div>
200 <div class="col-lg-8 col-md-8 col-12">
201 <p>Wash your Hand Regularly with soap and water or alchollo based hand rub</p>
202 </div>
203 </div>
204 </div>
205 </div>
206 </div>
207 <div class="col-lg-4 col-md-4 col-12 mt-5">
208 <div class="row " >
209 <div class="col-lg-4 col-md-4 col-12">
210 <figure class="text-center">
211 
212 </div>
213 <div class="col-lg-8 col-md-8 col-12">
214 <p>Cover Your nose and mouth with a disposable tissue or fixed elbow when you cough or sneeze</p>
215 </div>
216 </div>
217 </div>
218 <div class="col-lg-4 col-md-4 col-12 mt-5">
219 <div class="row " >
220 <div class="col-lg-4 col-md-4 col-12">
221 <figure class="text-center">
222 
223 </div>
224 <div class="col-lg-8 col-md-8 col-12">
225 <p>Avoid close contact(at least 1 meter) with people who are unwell</p>
226 </div>
227 </div>
228 </div>

```

```

230         
231     </div>
232     <div class="col-lg-8 col-md-8 col-12">
233         <>>Stay home and self-isolate from others in the household if you feel unwell</p>
234     </div>
235 </div>
236 <div class="col-lg-4 col-md-4 col-12 mt-5">
237     <div class="row">
238         <div class="col-lg-4 col-md-4 col-12">
239             <figure class="text-center">
240                 
241             </div>
242             <div class="col-lg-8 col-md-8 col-12">
243                 <>>Stay informed by watching news and follow the recommendation practices</p>
244             </div>
245         </div>
246     </div>
247     <div class="col-lg-4 col-md-4 col-12 mt-5">
248         <div class="row">
249             <div class="col-lg-4 col-md-4 col-12">
250                 <figure class="text-center">
251                     
252                 </div>
253                 <div class="col-lg-8 col-md-8 col-12">
254                     <>>if you have fever,cough,difficulty in breathing etc. seek telemedical care early </p>
255                 </div>
256             </div>
257         </div>
258     </div>
259 </div>
260 </div>
261 <!--//top cursor //-->
262 <div class="container scrolltop float-right pr-5">
263     <i class="fa fa-arrow-up" onclick="topFunction()" id="myBtn"></i>
264 </div>
265 <div class="text-center bg-dark mt-5 text-white">
266     <small>Footer</small>
267 <footer class="container-fluid text-center bg-dark mt-5 text-white">
268     <div class="container">Copyrights 2020. All Rights Reserved.</div>
269 </footer>
270 <script type="text/javascript">
271
272     mybutton = document.getElementById('myBtn');
273     window.onscroll = function() {scrollFunction()};
274     function scrollFunction() {
275         if (document.body.scrollTop > 100 || document.documentElement.scrollTop>100){
276             mybutton.style.display="block";
277         } else{
278             mybutton.style.display="none";
279         }
280     }
281     function topFunction(){
282         document.body.scrollTop=0;
283         document.documentElement.scrollTop=0;
284     }
285 </script>
286 </body>
287 </html>

```

Contact Page:

Frontend:

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title></title>
5     <?php include 'Links/links.php'; ?>
6     <?php include 'CSS/style.php'; ?>
7     <?php include 'dbcon.php'; ?>
8     <style type="text/css">
9         .contact_body{ background-image: url("Images/contact-us.jpg"); background-size: cover; background-repeat: no-repeat; font-style: bold;color: #001a33; background-attachment: fixed;}
10        .section_header{width: 100%;line-height: 88px;font-size: 1.4rem; background: rgb(255, 255, 229); font-family: 'Staatliches', cursive;}
11        .sub_section_contact{background: white;}
12        .container{ width: 90%; margin: auto; overflow: hidden; }
13        #contact-section .container p{ text-align: center; width: 70%; margin-left: auto; margin-right: auto; padding-bottom: 3%; color: #fff; letter-spacing:3px}
14        .contact-form i.fa{ font-size: 22px; padding: 3%; background-color: none; border-radius: 80%; margin: 2%; cursor: pointer; border:2px solid #fff(190, 190, 190); color: #fff(190, 190, 190) }
15        .contact-form i.fa:hover{ cursor: pointer; border:2px solid white; color: white; }
16
17        .contact-form{ display: grid; grid-template-columns: auto auto; }
18        .form-info{ font-size: 16px; font-style: italic; color: white; letter-spacing: 2px; }
19        input{ padding: 10px; margin:10px; width: 70%; background-color:rgba(136, 133, 133, 0.5); color: white; border: none; outline:none; }
20        input::placeholder{ color: white; }
21        .submit{ width: 40%; background: none; padding: 4px; outline: none; font-size: 13px; font-weight: bold; letter-spacing: 2px; height: 33px; text-align: center; cursor: pointer; letter-spacing: 2px; margin-left: 3%; border:2px solid #fff(190, 190, 190); color: #fff(190, 190, 190); }
22        .submit:hover{ border: 1px solid #fff; color: #fff; cursor: pointer; }
23
24    /* media queries */
25    @media (max-width: 768px){
26        #contact-section .contact-form{ display: block; width: 100%; text-align: center; }
27        #contact-section .submit{ width: 60%; }
28    }
29 </style>
30 </head>
31 <body class="contact_body">
32 <nav class="navbar navbar-expand-lg nav_style p-3">
33     <a class="navbar-brand pl-5" href="index.php"><b>COVID-19</b></a>
34     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
35         <span class="navbar-toggler-icon"></span>
36     </button>
37     <div class="collapse navbar-collapse" id="navbarSupportedContent">
38         <ul class="navbar-nav ml-auto pr-5 text-capitalize">
39             <li class="nav-item">
40                 <a class="nav-link" href="index.php">Home <span class="sr-only">(current)</span></a>
41             </li>
42             <li class="nav-item">
43                 <a class="nav-link" href="index.php #aboutid">About</a>
44             </li>
45             <li class="nav-item">
46                 <a class="nav-link" href="index.php #symtomid">Symtoms</a>
47             </li>
48             <li class="nav-item">
49                 <a class="nav-link" href="index.php #preventionid">Prevention</a>
50             </li>
51             <li class="nav-item active">
52                 <a class="nav-link" href="contact.php">Contacts</a>
53             </li>
54         </ul>
55     </div>
56 </body>
57 </html>
58
59

```

```

59      </li>
60      <li class="nav-item">
61          <a class="nav-link" href="adminlogin.php">Admin</a>
62      </li>
63  </ul>
64  <div class="search" id=navbarSupportedContent>
65
66  <form action="https://www.google.com/search" class="form-inline mr-auto" method="GET" target="_blank" >
67      <input class="form-control" type="text" name="q" placeholder="ENHANCED BY Google" aria-label="Search" >
68      <button class="btn btn-primary btn-rounded btn-sm my-0 ml-sm-2" name="key_submit" type="submit">Search</button>
69  </form>
70
71  </div>
72  <div id="login">
73      <?php
74          echo "<button ><a href='index1.php' target='_self'>Logout</a> </button>";
75      ?>
76  </div>
77
78  </div>
79 </nav>
80
81 <!--////////////////// Contact //////////////////-->
82 <section id="contact-section">
83     <div class="container">
84         <div class="text-light text-center"><br><br><br><br>
85             <h2>CONTACT US ASAP</h2>
86         </div>
87
88         <div class="contact-form">
89             <!-- First grid -->
90             <div><br><br>
91                 <i class="fa fa-map-marker"></i><span class="form-info"> COVID-19 Hospital,BBSR,Odisha</span><br>
92                 <i class="fa fa-phone"></i><span class="form-info"> +91 01234567899</span><br>
93                 <i class="fa fa-envelope"></i><span class="form-info"> healthcare@gmail.com</span>
94             </div>
95
96             <!-- second grid -->
97             <div><br><br>
98                 <form action="" method="POST" class="text-white">
99                     <div class="form-group text-white">
100                         <label>Name</label>
101                         <input type="text" class="form-control" name="username" placeholder="name" autocomplete="off" required>
102                     </div>
103                     <div class="form-group">
104                         <label>Email</label>
105                         <input type="email" class="form-control" name="email" placeholder="name@example.com" autocomplete="off" required autocomplete="off">
106                     </div>
107                     <div class="form-group">
108                         <label>mobile</label>
109                         <input type="number" class="form-control" name="mobile" placeholder="mobile" autocomplete="off" required>
110                     </div>
111
112                     <div class="form-group">
113                         <label>Select Symptoms</label> <br>
114
115                         <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
116                             <input type="checkbox" class="custom-control-input" id="customcheckbox1" name="coronasym[]" value="cough">
117                             <label class="custom-control-label" for="customcheckbox1">cough</label>
118                         </div>
119                         <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
120                             <input type="checkbox" class="custom-control-input" id="customcheckbox2" name="coronasym[]" value="cold">
121                             <label class="custom-control-label" for="customcheckbox2">Cold</label>
122                         </div>
123                         <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
124                             <input type="checkbox" class="custom-control-input" id="customcheckbox3" name="coronasym[]" value="fever">
125                             <label class="custom-control-label" for="customcheckbox3">Fever</label>
126                         </div>
127                         <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
128                             <input type="checkbox" class="custom-control-input" id="customcheckbox4" name="coronasym[]" value="weakness">
129                             <label class="custom-control-label" for="customcheckbox4">Weakness</label>
130                         </div>
131                         <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
132                             <input type="checkbox" class="custom-control-input" id="customcheckbox5" name="coronasym[]" value="dificult_breathing">
133                             <label class="custom-control-label" for="customcheckbox5">Difficulty In Brething</label>
134                         </div>
135                     </div>
136                     <div class="form-group">
137                         <label for="formControlTextArea1">Describe how you are feeling</label>
138                         <textarea class="form-control" id="formControlTextArea1" rows="3" name="msg"></textarea>
139                     </div>
140                     <button type="submit" class="btn btn-primary" name="submit">Submit</button>
141                 </form>
142             </div>
143         </div>
144     </div>
145
146     <br>
147     <div class="map">
148         <p align="center">
149             <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m2!1m3!1d3742.9711693074823!2d85.82107691455906!3d20.260030418951853!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m1!1m2!1s0x3a19a7606b4da9c1%3A0x92988d48ef3b14d4!2sCapital%20Hospital!5e0!3m2!1sen!2sin!4v1608553798853!5m2!1sen!2sin" width="1000" height="200" frameborder="0" style="border:1;" allowfullscreen="" aria-hidden="false" tabindex="0"></iframe>
150     </p>
151     </div>
152
153 <!--//////////////////top cursor //////////////////-->
154 <div class="container scrolltop float-right pr-5">
155     <i class="fa fa-arrow-up" onclick="topFunction()" id="myBtn"></i>
156 </div>
157
158 <!--////////////////// Footer //////////////////-->
159
160 <footer class="container-fluid text-center bg-dark mt-5 text-white">
161     <div class="container">Copyrights 2020. All Rights Reserved.</div>
162 </footer>
163
164
165     </section>
166
167 <script type="text/javascript">
168     mybutton = document.getElementById('myBtn');
169     window.onscroll = function() { scrollFunction()};
170     function scrollFunction() {
171         if (document.body.scrollTop > 100 || document.documentElement.scrollTop > 100)
172             mybutton.style.display="block";
173     }

```

```

27.0
171     if (document.body.scrollTop > 100 || document.documentElement.scrollTop>100){
172         mybutton.style.display="block";
173     else{
174         mybutton.style.display="none";
175     }
176 }
177 function topFunction(){
178     document.body.scrollTop=0;
179     document.documentElement.scrollTop=0;
180 }
181 </script>
182
183 </body>
184
185
186 </html>
187

```

Contact Database Connection:

```

1 <!------- Database Connection----->
2 <?php
3     $server= 'localhost';
4     $user = 'root';
5     $password = '';
6     $db = 'coronadb';
7
8     $con = mysqli_connect($server, $user, $password, $db);
9
10
11 if(isset($_POST['submit'])){
12     $username = $_POST['username'];
13     $email = $_POST['email'];
14     $mobile = $_POST['mobile'];
15     $symp = $_POST['coronasym'];
16     $msg = $_POST['msg'];
17
18     $chk = "";
19
20     foreach ($symp as $chk1) {
21         # code...
22         $chk .= $chk1 . ",";
23     }
24
25     $insertquery = " insert into coronacase(username, email, mobile, symp, message) values('$username', '$email', '$mobile', '$chk', '$msg')";
26
27     $query = mysqli_query($con, $insertquery);
28
29     if($con){
30     >>
31         <script type="text/javascript">
32             alert("Data Sents Sucessful");
33         </script>
34     </php>
35     }else{
36     ?>
37         <script type="text/javascript">
38             alert("Data Not Sent");
39         </script>
40     </php>
41     }
42 }
43 ?>

```

User Sign UP: Both Frontend & Backend:

```
1  <?php
2
3  session_start();
4
5  ?>
6  <!DOCTYPE html>
7  <html>
8  <head>
9      <title></title>
10     <?php include 'CSS/userlogin.css.php' ?>
11     <?php include 'Links/links.php' ?>
12
13 </head>
14 </php>
15
16 include 'userdbcon.php';
17 if (isset($_POST['submit'])) {
18     $username = mysqli_real_escape_string($con, $_POST['username']);
19     $email = mysqli_real_escape_string($con, $_POST['email']);
20     $mobile = mysqli_real_escape_string($con, $_POST['mobile']);
21     $password = mysqli_real_escape_string($con, $_POST['password']);
22     $cpassword = mysqli_real_escape_string($con, $_POST['cpassword']);
23
24
25     $pass = password_hash($password, PASSWORD_BCRYPT);
26     $cpass = password_hash($cpassword, PASSWORD_BCRYPT);
27
28     $emailquery = "select * from registration where email='$email'";
29     $query = mysqli_query($con,$emailquery);
30
31     $emailcount = mysqli_num_rows($query);
32
33     if($emailcount>0){
34         echo "email already exists";
35     }else{
36         if ($password === $cpassword) {
37             $insertquery = "Insert into registration(username, email, mobile, password, cpassword) values('$username', '$email', '$mobile', '$pass', '$cpass')";
38
39             $iquery = mysqli_query($con, $insertquery);
40
41             if($iquery){
42                 >>
43                 <script>
44                     alert("Inserted Sucessful");
45                 </script>
46                 <?php
47             }else{
48                 >>
49                 <script>
50                     alert("NO Inserted");
51                 </script>
52                 <?php
53             }
54         }else{
55             >>
56             <script>
57                 alert("Password are Not Matching");
58             </script>

```

```

60     .....
```

```

61     }
62   }
63 }
64 ?>
65 <div class="card bg-light">
66   <article class="card-body mx-auto" style="max-width: 400px;">
67     <h4 class="card-title mt-3 text-center">Create Account</h4>
68     <p class="text-center">Let's Get Started</p>
69     <p>
70       <a href="" class="btn btn-block btn-gmail"> <i class="fa fa-google"></i> Login Via Gmail</a>
71       <a href="" class="btn btn-block btn-facebook"> <i class="fa fa-facebook-f"></i> Login Via Facebook</a>
72       <p class="divider-text">
73         <span class="bg-light"> OR</span>
74       </p>
75     </p>
76     <form action=<?php echo htmlentities($_SERVER['PHP_SELF']); ?>" method="POST">
77       <div class="form-group input-group">
78         <div class="input-group-prepend">
79           <span class="input-group-text"> <i class="fa fa-user"></i></span>
80         </div>
81         <input class="form-control" placeholder="Full Name" name="username" type="text" required>
82       </div>
83       <div class="form-group input-group">
84         <div class="input-group-prepend">
85           <span class="input-group-text"> <i class="fa fa-envelope"></i></span>
86         </div>
87         <input class="form-control" placeholder="Email Address" name="email" type="email" required>
88       </div>
89       <div class="form-group input-group">
90         <div class="input-group-prepend">
91           <span class="input-group-text"> <i class="fa fa-phone"></i></span>
92         </div>
93         <input class="form-control" placeholder="Mobile Number" name="mobile" type="number" required>
94       </div>
95       <div class="form-group input-group">
96         <div class="input-group-prepend">
97           <span class="input-group-text"> <i class="fa fa-lock"></i></span>
98         </div>
99         <input class="form-control" placeholder="Create Password" name="password" type="password" required>
100      </div>
101      <div class="form-group input-group">
102        <div class="input-group-prepend">
103          <span class="input-group-text"> <i class="fa fa-lock"></i></span>
104        </div>
105        <input type="password" class="form-control" placeholder="Repeat Password" name="cpassword" required>
106      </div>
107      <div class="form-group">
108        <button type="submit" name="submit" class="btn btn-primary btn-block">Create Account </button>
109      </div>
110      <p class="text-center">Have an account? <a href="usersignin.php">Login</a></p>
111    </form>
112  </div>
113  </div>
114 </div>
115 </div>
116 </div>
117 </div>
118 </div>

```

Backend:

```

1 <?php
2 session_start();
3
4 $con = mysql_connect('localhost','root');
5
6 mysqli_select_db($con, 'userregistration');
7
8 $name = $_POST['user']
9 $pass = $_POST['password'];
10 $pass = $_POST['password'];
11
12 $s = " select * from usertable where name = '$name'";
13
14 $result = mysqli_query($con,$s);
15
16 $num = mysqli_num_rows($result);
17
18 if ($sum== 1) {
19     echo "Already Registered";
20 }else{
21     $res = " insert into usertable(name , password) values ('$name' ,'$pass')";
22     mysqli_query($con,$reg);
23     echo "Registration Sucessfull";
24 }
25
26
27
28 ?>

```

User Sign Up Database Connection:

```

1 <?php
2
3 $server = "localhost";
4 $user = "root";
5 $password = "";
6 $db = "usersignup";
7
8 $con = mysqli_connect($server, $user, $password, $db);
9
10 if($con){
11     ?>
12     <script>
13         alert("Connection Sucessful");
14     </script>
15     </php>
16 }else{
17     ?>
18     <script>
19         alert("NO Connection sucess");
20     </script>
21     </php>
22 }
23
24
25
26 ?>

```

User Signin:

Both Backend & Frontend:

```
1  <?php
2  session_start()
3
4  ?>
5  <!DOCTYPE html>
6  <html>
7  <head>
8      <title></title>
9      <?php include 'userlogincss.php' ?>
10     <?php include 'Links/links.php' ?>
11 </head>
12
13 <?php
14
15 include 'userdbcon.php';
16
17 if (isset($_POST['submit'])) {
18     $email = $_POST['email'];
19     $password = $_POST['password'];
20
21     $email_search = "select * from registration where email='$email'";
22     $query = mysqli_query($con,$email_search);
23
24     $email_count = mysqli_num_rows($query);
25
26     if($email_count){
27         $email_pass = mysqli_fetch_assoc($query);
28
29         $db_pass=$email_pass['password'];
30
31         $pass_decode = password_verify($password, $db_pass);
32
33         if($pass_decode){
34             echo "Login sucessful";
35         ?>
36             <script>
37                 location.replace("index.php");
38             </script>
39         <?php
40         }else{
41             echo "Password incorrect";
42         }
43     }else{
44         echo "Invalid Email";
45     }
46 }
47 ?>
48
49
50 <div class="card bg-light">
51     <article class="card-body mx-auto" style="max-width: 400px;">
52         <h4 class="card-title mt-3 text-center">Create Account</h4>
53         <p class="text-center">Lets Get started</p>
54         <p>
55             <a href="" class="btn btn-block btn-gmail"> <i class="fa fa-google"></i> Login Via Gmail</a>
56             <a href="" class="btn btn-block btn-facebook"> <i class="fa fa-facebook-f"></i> Login Via Facebook</a>
57             <p class="divider-text">
58                 <span class="bg-light"> OR</span>
59             </p>
60         </p>
61         <form action="<?php echo htmlentities($_SERVER['PHP_SELF']); ?>" method="POST">
62             <div class="form-group input-group">
63                 <div class="input-group-prepend">
64                     <span class="input-group-text"> <i class="fa fa-user"></i></span>
65                 </div>
66                 <input class="form-control" placeholder="Email Address" name="email" type="email" required>
67             </div>
68
69             <div class="form-group input-group">
70                 <div class="input-group-prepend">
71                     <span class="input-group-text"> <i class="fa fa-lock"></i></span>
72                 </div>
73                 <input class="form-control" placeholder="Password" name="password" type="password" required>
74             </div>
75
76             <div class="form-group">
77                 <button type="submit" name="submit" class="btn btn-primary btn-block" src="userprofile.php">Login Here</button>
78             </div>
79             <p class="text-center">Have't an account? <a href="userlogin.php">Sign UP</a></p>
80         </form>
81     </article>
82
83 </div>
84 </html>
```

User Logout:

Backend:

```
1 <?php
2
3 session_start();
4
5 session_destroy();
6
7 header('location:index.php');
8
9 ?>
```

India Data:

Both Frontend & Backend:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title></title>
5   <?php include "Links/links.php"; ?>
6   <script src="main.js"></script>
7   <style type="text/css">
8     *{margin: 0;padding: 0;box-sizing: border-box;font-family: 'Open Sans', sans-serif;}
9     .nav_style { background-color: #00384d;
10     display: flex;
11     justify-content: center;
12     .nav_style a{color: white;};
13   </style>
14 </head>
15 <body onload="fetch()" class="">
<!-------NavBar-->
16 <nav style="" class="navbar fixed-top navbar-expand-lg nav_style p-3 ">
17   <a class="navbar-brand pl-5" href="index.php">b>COVID-19</b></a>
18   <button class="nav-bar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
19     <span class="navbar-toggler-icon"></span>
20   </button>
21
22   <div class="collapse navbar-collapse" id="navbarSupportedContent">
23     <ul class="navbar-nav ml-auto pr-5 text-capitalize">
24       <li class="nav-item active">
25         <a class="nav-link" href="index.php">Home <span class="sr-only">(current)</span></a>
26       </li>
27       <li class="nav-item">
28         <a class="nav-link" href="index.php #aboutid">About</a>
29       </li>
30       <li class="nav-item">
31         <a class="nav-link" href="index.php #symtomsid">Symtoms</a>
32       </li>
33       <li class="nav-item">
34         <a class="nav-link" href="index.php #preventionid">Prevention</a>
35       </li>
36       <li class="nav-item">
37         <a class="nav-link" href="contact.php">Contacts</a>
38       </li>
39       <li class="nav-item">
40         <a class="nav-link" href="adminlogin.php">Admin</a>
41       </li>
42     </ul>
43   </div>
44   <div class="search" id=navbarSupportedContent>
45
46     <form action="https://www.google.com/search" class="form-inline mr-auto" method="GET" target=" blank" >
47       <input class="form-control" type="text" name="q" placeholder="ENHANCED BY Google" aria-label="Search">
48       <button class="btn btn-primary btn-rounded btn-sm my-0 ml-sm-2" name="key_submit" type="submit">Search</button>
49     </form>
50   </div>
51 </nav>
52
53 <!-------Create Table and Fetch data From rest Covid-19 API ----->
54 <br><br>
55 <section class="covid_update container-fluid">
56   <div class="my-5">
57     <h3 class="text-center text-uppercase">covid-19 updates</h3>
58     <o class="text-center">These are the COVID-19 Cases India </o>
59   </div>
60 </section>
61
```

```

58     <p class="text-center">These are the COVID-19 Cases India </p>
59   </div>
60   <input type="text" name="" id="myInput" placeholder="Search..." onkeyup="searchFun()">
61   <div class="table-responsive">
62     <table class="table table-bordered table-striped text-center" id="mytable">
63       <tr>
64         <th class="text-capitalize">Country</th>
65         <th class="text-capitalize">State</th>
66         <th class="text-capitalize">Confirmed</th>
67         <th class="text-capitalize">Active</th>
68         <th class="text-capitalize">Recovered</th>
69         <th class="text-capitalize">Deaths</th>
70     </tr>
71     <?php
72
73     $data = file_get_contents('https://api.covid19india.org/data.json');
74     $coronadata = json_decode($data, true);
75
76
77     $statecount = count($coronadata['statewise']);
78
79     $i=1;
80     while($i < $statecount){
81
82       ?>
83
84       <tr>
85         <td><?php echo $coronadata['statewise'][$i]['lastupdatedtime'] ?></td>
86         <td><?php echo $coronadata['statewise'][$i]['state'] ?></td>
87         <td><?php echo $coronadata['statewise'][$i]['confirmed'] ?></td>
88         <td><?php echo $coronadata['statewise'][$i]['active'] ?></td>
89         <td><?php echo $coronadata['statewise'][$i]['recovered'] ?></td>
90         <td><?php echo $coronadata['statewise'][$i]['deaths'] ?></td>
91
92       </tr>
93
94     <?php
95
96     $i++;
97   }
98
99   ?>
100
101
102   </table>
103 </div>
104
105 </section>
106
107 <!-- Search Table data -->
108
109 <script type="text/javascript">
110   const searchFun = () =>{
111
112     let filter = document.getElementById('myInput').value.toUpperCase();
113
114
115     let mytable = document.getElementById('mytable');
116
116     let myclass = document.getElementsByClassName('myclass');
117
118     let tr = mytable.getElementsByTagName('tr');
119
120     for(var i=0; i

```

World Data: Both Frontend & Backend:

```

112         tbval.rows[i].cells[1].innerHTML = data['Countries'][i-1]['Recovered'];
113         tbval.rows[i].cells[2].style.background = '#4bb7d8';
114
115         x.insertCell(3);
116         tbval.rows[i].cells[3].innerHTML = data['Countries'][i-1]['TotalDeaths'];
117         tbval.rows[i].cells[3].style.background = '#f36e23';
118
119         x.insertCell(4);
120         tbval.rows[i].cells[4].innerHTML = data['Countries'][i-1]['NewConfirmed'];
121         tbval.rows[i].cells[4].style.background = '#4bb7d8';
122
123         x.insertCell(5);
124         tbval.rows[i].cells[5].innerHTML = data['Countries'][i-1]['NewRecovered'];
125         tbval.rows[i].cells[5].style.background = '#0cc850';
126
127         x.insertCell(6);
128         tbval.rows[i].cells[6].innerHTML = data['Countries'][i-1]['NewDeaths'];
129         tbval.rows[i].cells[6].style.background = '#f36e23';
130
131     }
132
133     }
134   );
135 }
136
137 }
138
139 }
140
141 </script>
142 <!-------Search Table data ----->
143
144 <script type="text/javascript">
145   function searchFun(){
146
147     let filter = document.getElementById('myInput').value.toUpperCase();
148
149     let tbval = document.getElementById('tbval');
150
151     let tr = tbval.getElementsByTagName('tr');
152
153     for(var i = 0; i<tr.length; i++){
154       let td = tr[i].getElementsByTagName('td')[0];
155
156       if(td){
157         let textvalue = td.textContent || td.innerHTML;
158         if (textvalue.toUpperCase().indexOf(filter) > -1) {
159           tr[i].style.display = "";
160         } else{
161           tr[i].style.display = "none";
162         }
163       }
164     }
165   }
166
167 }
168
169 </script>
170 </body>
171 </html>
172
173

```

Admin Login Page:

Frontend:

```

1 <!--admin login page designing-->
2 <?php
3 session_start();
4 $con = mysqli_connect('localhost', 'root');
5 if($con){
6   echo "Connection sucessfull";
7 }else{
8   echo "No Connection";
9 }
10 >>
11
12 <!DOCTYPE html>
13 <html>
14 <head>
15   <title></title>
16   <?php include 'Links/links.php'; ?>
17   <?php include 'CSS/style.php' ; ?>
18   <style type="text/css">
19     *{margin: 0; padding: 0;}
20     .center-div-login{ position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);}
21     background: -webkit-linear-gradient(left, #f2f2f2, #0072ff); }
22     .heading-login{ width: 100%; line-height: 80px; font-size: 1.4rem; background: -webkit-linear-gradient(left, #0072ff, #8811c5); }
23     font-family: 'Staatliches', cursive;
24   form{
25     width: 400px; }
26
27   </style>
28 </head>
29 <body class="bg-info">
30
31 <nav style="" class="navbar navbar-expand-lg nav_style p-3">
32   <a class="navbar-brand pl-5" href="index.php"><b>COVID-19</b></a>
33   <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
34     <span class="navbar-toggler-icon"></span>
35   </button>
36
37   <div class="collapse navbar-collapse" id="navbarSupportedContent">
38     <ul class="navbar-nav ml-auto pr-5 text-capitalize">
39       <li class="nav-item ">
40         <a class="nav-link" href="index.php">Home <span class="sr-only">(current)</span></a>
41       </li>
42       <li class="nav-item">
43         <a class="nav-link" href="index.php #aboutid">About</a>
44       </li>
45       <li class="nav-item">
46         <a class="nav-link" href="index.php #symtomid">Symtoms</a>
47       </li>
48       <li class="nav-item">
49         <a class="nav-link" href="index.php #preventionid">Prevention</a>
50       </li>
51       <li class="nav-item">
52         <a class="nav-link" href="contact.php">Contacts</a>
53       </li>
54       <li class="nav-item active">
55         <a class="nav-link" href="adminlogin.php">Admin</a>
56       </li>
57     </ul>
58   </div>

```

```

59   </ul>
60   <div class="search" id=navbarSupportedContent>
61
62     <Form action="https://www.google.com/search" class="form-inline mr-auto" method="GET" target="_blank" >
63       <input class="form-control" type="text" name="q" placeholder="ENHANCED BY Google" aria-label="Search">
64       <button class="btn btn-primary btn-rounded btn-sm my-0 ml-sm-2" name="key_submit" type="submit">Search</button>
65     </Form>
66
67   </div>
68   <div id="login">
69     <?php
70       echo "<button ><a href='index1.php' target='_self'>Logout</a> </button>";
71     ?>
72   </div>
73
74 </div>
75 </nav>
76
77
78 <div class="main-div">
79   <header>
80     <div class="container center-div-login shadow ">
81       <div class="heading-login text-center text-uppercase mb-5 text-white">ADMIN LOGIN PAGE</div>
82       <div class="container row d-flex flex-row justify-content-center mb-5">
83         <div class="admin-form shadow p-2">
84           <form action="logincheck.php" method="post">
85             <div class="form-group">
86               <label>Admin ID</label>
87               <input type="text" name="user" value="" class="form-control" autocomplete="off">
88             </div>
89             <div class="form-group">
90               <label>Password</label>
91               <input type="password" name="pass" value="" class="form-control" autocomplete="off" id="pwd">
92             </div>
93             <script>
94               function myFunction() {
95                 var x = document.getElementById("pwd");
96                 if (x.type === "password") {
97                   x.type = "text";
98                 } else {
99                   x.type = "password";
100                }
101              }
102            </script>
103
104            </div>
105            <input type="submit" class="btn btn-success" name="submit" >
106          </form>
107        </div>
108      </div>
109    </header>
110  </div>
111  <!--////////////////// Footer////////////////-->
112  <footer class="container-fluid text-center bg-dark mt-5 text-white">
113    <div class="container">Copyrights 2020. All Rights Reserved.</div>
114  </footer>
115  </body>
116 </html>

```

Admin Page: Frontend & Backend:

```
1  <?php
2  session_start();
3  if(!isset($_SESSION['user'])){
4      header('location:adminlogin.php');
5  }
6  ?>
7
8
9  <!DOCTYPE html>
10 <html>
11 <head>
12     <title></title>
13     <?php include 'Links/links.php'; ?>
14     <?php include 'CSS/style.php'; ?>
15
16
17     <style type="text/css">
18         .btn{
19             right: 40px;
20         }
21     </style>
22
23 </head>
24 <body class="btn-secondary">
25
26 <nav style="" class="navbar navbar-expand-lg nav_style p-3">
27     <a class="navbar-brand pl-5" href="index.php"><b>COVID-19</b></a>
28     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
29         <span class="navbar-toggler-icon"></span>
30     </button>
31
32     <div class="collapse navbar-collapse" id="navbarSupportedContent">
33         <ul class="navbar-nav ml-auto pr-5 text-capitalize">
34             <li class="nav-item">
35                 <a class="nav-link" href="index.php">Home <span class="sr-only" style="font-size: small;">(current)</span></a>
36             </li>
37             <li class="nav-item">
38                 <a class="nav-link" href="index.php #aboutid">About</a>
39             </li>
40             <li class="nav-item">
41                 <a class="nav-link" href="symtoms.php">Symtoms</a>
42             </li>
43             <li class="nav-item">
44                 <a class="nav-link" href="prevention.php">Prevention</a>
45             </li>
46             <li class="nav-item">
47                 <a class="nav-link" href="contact.php">Contacts</a>
48             </li>
49             <li class="nav-item active">
50                 <a class="nav-link" href="adminlogin.php">Admin</a>
51             </li>
52
53         </ul>
54         <div class="search" id="navbarSupportedContent">
55             <form action="https://www.google.com/search" class="form-inline mr-auto" method="GET" target="_blank" style="margin-bottom: 0;">
56                 <input class="form-control" type="text" name="q" placeholder="ENHANCED BY Google" aria-label="Search" style="width: 150px; border-radius: 30px; border: 1px solid #ccc; padding: 5px; margin-right: 10px;">
57                 <button class="btn btn-primary rounded ht-sm-2" type="submit" name="key_submit" style="border: none; background-color: #007bff; color: white; font-weight: bold; padding: 5px 10px; border-radius: 30px; font-size: 14px; width: 100px;">Search</button>
58         </div>
59     </div>
60 
```

```

57      <input class="form-control" type="text" name="q" placeholder="SEARCHED BY GOOGLE OR SEARCH" />
58      <button class="btn btn-primary btn-rounded btn-sm my-0 ml-sm-2" name="key_submit" type="submit">Search</button>
59    </form>
60  </div>
61  </div>
62  </div>
63  </nav>
64  <br>
65  <br>
66
67  <div class="main-div">
68    <br><br>
69    <h1>List of Registered Patient</h1>
70    <div class="center-div">
71      <div class="table-responsive">
72        <table id="table">
73          <thead>
74            <tr>
75              <th>id</th>
76              <th>username</th>
77              <th>email</th>
78              <th>mobile</th>
79              <th>symptoms</th>
80              <th>message</th>
81              <th colspan="2" style="text-align: center;">Action</th>
82            </tr>
83          </thead>
84          <tbody>
85
86          <?php
87            include 'dbcon.php';
88
89
90
91
92          $selectquery = " select * from coronacase ";
93
94          $query = mysqli_query($con,$selectquery);
95
96          $num = mysqli_num_rows($query);
97
98
99          while ($res = mysqli_fetch_array($query)) {
100
101        ?>
102
103        <tr>
104          <td><?php echo $res['id']; ?></td>
105          <td><?php echo $res['username']; ?></td>
106          <td><span class="email-style"><?php echo $res['email']; ?></span></td>
107          <td><?php echo $res['mobile']; ?></td>
108          <td><?php echo $res['symp']; ?></td>
109          <td><?php echo $res['message']; ?></td>
110          <td><a href="update.php?id=<?php echo $res['id']; ?>" data-toggle="tooltip" data-placement="bottom" title="UPDATES">
111            <i class="fa fa-edit" aria-hidden="true"></i></a></td>
112          <td><a href="delete.php?id=<?php echo $res['id']; ?>" data-toggle="tooltip" data-placement="bottom" title="DELETE"><i class="fa fa-trash" aria-hidden="true"></i></a></td>
113        </tr>
114
115        <?php
116        }
117      ?>
118
119
120
121        </tbody>
122      </table>
123    </div>
124    <p class="text-center">
125      <button class="btn button btn-primary">Print</button>
126      <a href="logout.php" class="btn align-right btn-danger">Logout</a>
127    </p>
128    <div class="text-center">
129      <script src="jquery.min.js"></script>
130      <script type="text/javascript">
131        $('.button').click(function(){
132          var printme = document.getElementById('table');
133          var wme = window.open("", "", "width=900,height=700");
134          wme.document.write(printme.outerHTML);
135          wme.document.close();
136          wme.focus();
137          wme.print();
138          wme.close();
139        })
140      </script>
141
142    </div>
143
144  </div>
145  <script>
146  $(document).ready(function(){
147    $('[data-toggle="tooltip"]').tooltip();
148  });
149  </script>
150
151 <!------- Footer----->
152 <footer class="container-fluid text-center bg-dark mt-5 text-white">
153   <div class="container">Copyrights 2020. All Rights Reserved.</div>
154 </footer>
155
156 </body>
157 </html>

```

Admin Update database page:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title></title>
5      <?php include 'Links/links.php'; ?>
6      <?php include 'CSS/style.php';
7
8      ?>
9      <?php include 'dbcon.php'; ?>
10 </head>
11 <body class="contact_body">
12 <nav class="navbar navbar-expand-lg nav_style p-3">
13     <a class="navbar-brand pl-5" href="index.php"><b>COVID-19</b></a>
14     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false"
15         aria-label="toggle navigation">
16         <span class="navbar-toggler-icon"></span>
17     </button>
18
19     <div class="collapse navbar-collapse" id="navbarSupportedContent">
20         <ul class="navbar-nav ml-auto pr-5 text-capitalize">
21             <li class="nav-item">
22                 <a class="nav-link" href="index.php">Home <span class="sr-only" style="font-size: small;">(current)</span></a>
23             </li>
24             <li class="nav-item">
25                 <a class="nav-link" href="#">About</a>
26             </li>
27             <li class="nav-item">
28                 <a class="nav-link" href="symtoms.php">Symtoms</a>
29             </li>
30             <li class="nav-item">
31                 <a class="nav-link" href="prevention.php">Prevention</a>
32             </li>
33             <li class="nav-item active">
34                 <a class="nav-link" href="contact.php">Contacts</a>
35             </li>
36             <li class="nav-item">
37                 <a class="nav-link" href="adminlogin.php">Admin</a>
38             </li>
39
40         </ul>
41         <div class="search form-inline">
42             <input type="text" placeholder="ENHANCED BY Google" name="search">
43             <button type="button" style="background-color: #007bff; color: white; border: none; padding: 5px 10px; font-weight: bold; font-size: 1em; border-radius: 3px; margin-right: 10px;">Search</button>
44         </div>
45
46     </div>
47 </nav>
48
49 <!--////////////////// Contact////////////////-->
50
51 <div class="container sub_section_contact pt-5 pb-5 shadow" id="aboutid">
52     <div class="section_header text-danger text-center mb-5 mt-4">
53         <h1>FORM UPDATION</h1>
54     </div>
55
56     <div class="container">
57         <div class="row">
```

```

58     <div class="row">
59         <div class="col-lg-8 offset-lg-2 col-12">
60             <form action="" method="POST">
61                 <div class="form-group">
62                     <?php
63                         include 'dbcon.php';
64
65                         $ids = $_GET['id'];
66                         $showquery = "select * from coronacase where id={$ids}";
67
68                         $showdata = mysqli_query($con,$showquery);
69
70                         $arrdata = mysqli_fetch_array($showdata);
71
72
73                         if(isset($_POST['update'])){
74                             $iupdate = $_GET['id'];
75                             $username = $_POST['username'];
76                             $email = $_POST['email'];
77                             $mobile = $_POST['mobile'];
78                             //symp = $_POST['coronasym'];
79                             $msg = $_POST['msg'];
80
81                             //chk = "";
82
83                             //foreach ($symp as $chk1) {
84                             //    # code...
85                             //    $chk .= $chk1 . ",";
86                             //}
87
88                             //$insertquery = " insert into coronacase(username, email, mobile, symp, message) values('$username', '$email', '$mobile', '$chk', '$msg')";
89
90                             $query = " update coronacase set id=$ids, username='$username', email='$email', mobile='$mobile', message='$msg' where id=$iupdate ";
91
92                             $res = mysqli_query($con, $query);
93
94                         if($res){
95                             ?>
96                             <script type="text/javascript">
97                                 alert("Data UPDATE Sucessful");
98                             </script>
99                             <?php
100                         }else{
101                             ?>
102                             <script type="text/javascript">
103                                 alert("Data Not UPDATES");
104                             </script>
105                             <?php
106                         }
107
108
109
110
111
112
113
114
115             <label>Username</label>
             <input type="text" class="form-control" name="username" placeholder="name" value="<?php echo $arrdata['username']; ?>" autocomplete="off" required>
             >
         </div>
         <div class="form-group">
```

```

115 <div class="form-group">
116   <label>Email</label>
117   <input type="email" class="form-control" name="email" placeholder="name@example.com" autocomplete="off" value=<?php echo $arrdata['email']; ?>" required autocomplete="off">
118 </div>
119 <div class="form-group">
120   <label>mobile</label>
121   <input type="number" class="form-control" name="mobile" placeholder="mobile" autocomplete="off" value=<?php echo $arrdata['mobile']; ?>" required
122 </div>
123
124
125
126
127 <div class="form-group">
128   <label>Select Symptoms</label> <br>
129
130   <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
131     <input type="checkbox" class="custom-control-input" id="customcheckbox1" name="coronasym[]" value=<?php echo $arrdata['symp[]']; ?>">
132     <label class="custom-control-label" for="customcheckbox1">Cough</label>
133   </div>
134   <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
135     <input type="checkbox" class="custom-control-input" id="customcheckbox2" name="coronasym[]" value=<?php echo $arrdata['symp[]']; ?>">
136     <label class="custom-control-label" for="customcheckbox2">Cold</label>
137   </div>
138   <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
139     <input type="checkbox" class="custom-control-input" id="customcheckbox3" name="coronasym[]" value=<?php echo $arrdata['symp[]']; ?>">
140     <label class="custom-control-label" for="customcheckbox3">Fever</label>
141   </div>
142   <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
143     <input type="checkbox" class="custom-control-input" id="customcheckbox4" name="coronasym[]" value=<?php echo $arrdata['symp[]']; ?>">
144     <label class="custom-control-label" for="customcheckbox4">Weekness</label>
145   </div>
146   <div class="custom-control custom-checkbox custom-control-inline text-capitalize">
147     <input type="checkbox" class="custom-control-input" id="customcheckbox5" name="coronasym[]" value=<?php echo $arrdata['symp[]']; ?>">
148     <label class="custom-control-label" for="customcheckbox5">Diffculty In Brething</label>
149   </div>
150
151
152
153   <div class="form-group">
154     <label for="formControlTextArea1">Describe how you are feeling</label>
155     <textarea class="form-control" id="formControlTextArea1" rows="3" name="msg" value=<?php echo $arrdata['message']; ?>"></textarea>
156   </div>
157
158   <button type="submit" class="btn btn-primary" name="update">UPDATE</button>
159
160 </form>
161
162
163 </div>
164 </div>
165
166 </div>
167
168 </div>
169

```

Admin Page Delete database page:

```

1 <?php
2
3   include 'dbcon.php';
4
5   $id = $_GET['id'];
6
7   $deletequery = "delete from coronacase where id=$id";
8
9   $query = mysqli_query($con,$deletequery);
10
11   header('location:admin.php');
12
13 ?>

```

Admin Logout:

Backend:

```
1 <?php
2 session_start();
3 session_destroy();
4
5 header('location:adminlogin.php');
6 ?>
```

CSS File:

Style.php

```
1 <style type="text/css">
2   html{
3     scroll-behavior: smooth;
4   }
5   *{margin: 0;padding: 0;box-sizing: border-box;font-family: 'Open Sans', sans-serif;}
6
7   .nav_style{background-color: #00384d !important;
8   position: fixed; display: flex;
9   justify-content: center;
10  align-items: center;
11  flex-direction: row;
12  flex-wrap: wrap;
13  background-color: #00384d;
14  width: 100%;
15  height: 70px;
16  z-index: 1;
17 }
18 #login{
19   margin-left:10px;
20 }
21 #login button{
22   background-color: transparent;
23   border:1.5px solid white;
24   color:white;
25   padding:5px;
26   font-weight:bold;
27   margin-left:5px;
28   border-radius:1px;
29   letter-spacing:1.5px;
30 }
31 #login button a{
32   text-decoration:none;
33 }
34 #login button:hover{
35   background:rgba(185, 212, 240,.1);
36 }
37 .nav_style a{color: white;}
38
39 /*///////////////////////Admin////////////////*/
40 .main-div{
41
42   width: 100%; height: 100vh;
43   display: flex;
44   flex-direction: column;
45   justify-content: center;
46   align-items: center;
47 }
48 .center-div{
49   width: 90%;
50   height: 80vh;
51   background: -webkit-linear-gradient(left, #5DAE2 , #00c6ff);
52   padding: 20px 0 0;
53   box-shadow: 0 10px 20px 0 rgba(0,0,0,.03);
54   border-radius: 10px;
55 }
56
57 .patient-head{
58   font-size: 28px;
59 }
```

```

59   font-size: 28px;
60   color: #000;
61   text-align: center;
62   margin-top: -20px;
63   margin-bottom: 20px;
64 }
65 table{
66   border-collapse: collapse;
67   background-color: #fff;
68   box-shadow: 0 10px 20px 0 rgba(0,0,0,.03);
69   border-radius: 10px;
70   padding-top: 10px;
71   margin: auto;
72 }
73
74 th,td{
75   border:1px solid #f2f2f2;
76   padding: 8px 30px;
77   text-align: center;
78   color: grey;
79 }
80 th{
81   text-transform: uppercase;
82   font-weight: 500;
83 }
84 td{ font-size: 13px; }
85 .email-style{
86   font-size: 14px;
87   color: grey;
88   display: inline-block;
89   background: #f2f2f2;
90   -webkit-border-radius: 2px;
91   -moz-border-radius: 2px;
92   border-radius: 2px;
93   line-height: 30px;
94   padding: 0 14px;
95 }
96 .post-class{
97   text-transform: uppercase;
98 }
99 .fa{
100   font-size: 18px;
101 }
102 .fa-edit{ color: #63c76a; }
103 .fa-trash{ color: #ff0000; }
104 a{ text-decoration: none; display: flex; justify-content: center; }
105
106 /***** Scroll *****/
107 #myBtn{
108   display: none;
109   position: fixed;
110   bottom: 30px;
111   right: 40px;
112   z-index: 99;
113   border: none;
114   outline: none;
115   background-color: #00A8FF;
116   color: white;
117   cursor: pointer;

```

```

117     cursor: pointer;
118     padding: 10px;
119     border-radius: 10px;
120     float: right;
121   }
122   #myBtn:hover{
123     background: #606060;
124   }
125   .body_contact{
126     background-image: url("Images/bgimg.jpg");
127     background-size: cover;
128     background-repeat: no-repeat;
129   }
130   .body_home{
131     background-image: url("Images/bgc.jpg");
132     background-size: cover;
133     background-repeat: no-repeat;
134     background-attachment: fixed;
135   }
136   .nav-item :hover{
137     background-color: black;
138     transition: 0.6s all;
139   }
140   .navbar-brand:hover{
141     background-color: black;
142     transition: 0.6s all;
143   }
144   .navbar .search{
145     float: left;
146   }
147
148 /***** Corona update *****/
149   .corona_update{
150     margin: 0 0 30px 0;
151     background-color: #000000;
152     opacity: 0.75;
153     font-size: 2rem;
154   }
155   .corona_update h3{color: #ff7675;
156     font-size: 5rem;
157   }
158
159   .corona_update h1{font-size: 5rem; text-align: center;}
160   .update_(){}
161   #footer{margin-top: 40px;
162     background-position: bottom;
163   }
164
165 /*****About Corona*****/
166
167   .sub_section_about{
168     background-color: #fbfafd;
169     opacity: 0.85;
170     background-size: cover;
171     background-repeat: no-repeat;
172     box-shadow: 0 0 20px 0 #999;
173   }
174   .map{
175     align-items: center;

```

```

175 |     align-items: center;
176 |
177 /*//////// main header \\\\\\\\\\\\\*/
178 .main_header{
179     height: 450px;
180     width: 100%;
181     padding-top: 60px;
182 }
183 .rightside h1{
184     font-size: 3rem;
185 }
186 .corona_rot img{
187     animation: gocorona 3s linear infinite;
188 }
189 }
190
191 @keyframes gocorona{
192     0%{ transform: rotate(0);}
193     100%{ transform: rotate(360deg); }
194 }
195 .leftside img{ animation: heartbeat 5s linear infinite;}
196 @keyframes heartbeat
197 {
198     0%{
199         transform: scale(.75);
200     }
201     20%{
202         transform: scale(1);
203     }
204     40%{
205         transform: scale(.75);
206     }
207     60%{
208         transform: scale(1);
209     }
210     80%{
211         transform: scale(.75);
212     }
213     100%{
214         transform: scale(1);
215     }
216 }
217
218 /****** Corona update ******/
219 .corona_update{
220     margin: 0 0 30px 0;
221     background-color: blue;
222 }
223 .corona_update h3{color: #ff7f7f; }
224 .corona_update h1{font-size: 2rem; text-align: center; }
225
226 /******Prevention******/
227 .body{
228     background-image: url("Images/bgimg.jpg");
229     background-size: cover;
230     height: 500px;
231     background-repeat: no-repeat;
232 }
233 </style>

```

User Login CSS: Userloginess.php

```
1 <style type="text/css">
2   *{margin: 0;padding: 0;box-sizing: border-box;font-family: 'Open Sans', sans-serif;}
3   .divider-text{
4     position: relative;
5     text-align: center;
6     margin-top: 15px;
7     margin-bottom: 15px;
8   }
9   .divider-text span{
10    padding: 7px;
11    font-size: 12px;
12    position: relative;
13    z-index: 2;
14  }
15  .divider-text:after{
16    content: "";
17    position: absolute;
18    width: 100%
19    border-bottom: 1px solid #ddd;
20    top: 55%;
21    left: 0;
22    z-index: 1;
23  }
24  .btn-facebook{
25    background-color: #405D9D !important;
26    color: #fff!important;
27  }
28  .btn-gmail{
29    background-color: #ea4335!important;
30    color: #fff!important;
31  }
32  }
33  }
34  }
35  }
36  }
37  </style>
```

All Links Here:

```
1 <meta charset="utf-8">
2 <meta name="viewport" content="width=device-width, initial-scale=1">
3 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
4 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" integrity="sha512-SfTiTIX6k+qitfevI7libUOeJWlt9rbyDn92a1DqW09vWg2MFoays8sgObmWaz058QP1FucnnEAjpAB+/Sw==" crossorigin="anonymous" />
5
6 <!-- jQuery library -->
7 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
8 <script src="https://cdnjs.cloudflare.com/ajax/libs/waypoints/4.0.1/jquery.waypoints.min.js" integrity="sha512-CEiA+78TpP9KAIPzqBvxUv8hy41jyI3f2uHi7DGp/YKa973gSdyNegWfcijh6GrN2UEpX2KfInQUbUhNIa==" crossorigin="anonymous"></script>
9 <script src="https://cdnjs.cloudflare.com/ajax/libs/Counter-Up/1.0.0/jquery.counterup.min.js" integrity="sha512-d8F1J2kyiRowBB/8/pAWSql0wSEOKG5KATkVV4s1fb1q9VRQ6MyDZVxdl2tld+mPhuCbpTB4M7UU/x9flg09Q==" crossorigin="anonymous"></script>
10 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
11 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
12 <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.9.4/Chart.min.css"></script>
13
14 <!-- Chart.js -->
15 <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.9.3/Chart.min.js"></script>
```

Chapter 09: Testing

Testing

Software testing is a process used to identify the correctness, completeness and quality of developed computer software. It includes a set of activities conducted with the intent of finding errors in software so that it could be corrected before the product is released to the end users. In other word software testing is an activity to check that the software system is defect free. Software testing is primarily a broad process that is composed of several interlinked processes. The primary objective of software testing is to measure software health along with its completeness in terms of core requirements. Software testing involves examining and checking software through different testing processes.

The objectives of these processes can include:

- Completeness - Verifying software completeness in regards to functional/business requirements
- Errors Free - Identifying technical bugs/errors and ensuring the software is error-free
- Stability - Assessing usability, performance, security, localization, compatibility and installation

This phase determined the error in the project. If there is any error then it must be removed before delivery of the project.

10.1. Type of Testing

For determining errors various types of test action are performed: -

Unit Testing: -

Unit testing focuses verification effort on the smallest unit of software design – the module. Using the detail design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The relative complexity of tests and the errors detected as a result is limited by the constrained scope established for unit testing. The unit test is always white box oriented, and the step can be conducted in parallel for multiple modules.

System Testing –

Software is only one element of a larger computer based system. Ultimately, software is incorporated with other system elements (e.g. new hardware, information), and a series of system integration and validation tests are conducted. Steps taken during software design and testing can greatly improve the probability of successful software integration in the larger system.

A classics system testing problem is “finger pointing”. This occurs when a defect is uncovered, and one system element developer blames another for the problem. The software engineer should anticipate potential interfacing problems and design error handling paths that test all information coming from other elements of the system, conduct a series of tests that simulate bad data or other potential errors at the software interface, record the results or tests to use as “evidence” if finger pointing does occur, participate in the planning and design of system test to ensure that software is adequately tested.

➤ There are many types of system tests that are worthwhile for software-based system:

Usability Testing - Usability Testing is a type of testing done from an end-user's perspective to determine if the system is easily usable.

Functionality testing - Tests all functionalities of the software against the requirement.

Performance testing – Performance testing is designed to test the run-time performance of software within the context of an integrated system

Security testing – Security testing attempts to verify that protection mechanisms built into a system will protect it from improper penetration

Stress tests – Stress tests are designed to confront programs with abnormal situations.

10.2. Test Case

A test case is a set of conditions or variables under which a tester will determine whether an application, software system or one of its features is working as it was originally established for it to do.

User Registration:

Test Case ID	Test Scenario	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Actual Result	Status Pass/Fail
TC_REG_1	Verify Registration Detail	Enter Valid and correct data	Need valid text and number Data to be entered	1. Enter Valid Data in appropriate fields 2. Click Create account	Valid Text and Number Data	Successful, User Added Successfully	Successful, Member Added Successfully	Pass
TC_REG_2	Verify Registration Detail	Enter invalid and incorrect data	Need text and number Data to be entered	Enter invalid Data in fields	Invalid Text and Number Data	Enter Valid Data	Enter Valid Data	Pass
TC_REG_3	Verify Registration Detail	Entering Nothing, Required Fields are blank	Click Create Account	Nothing to enter Required fields are blank	Fill required field	Fill required field	Fill required field	Pass

Table 2: Test Cases-1

User Login:

Test Case ID	Test Scenario	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Actual Result	Status Pass/Fail
TC_Login_1	Verify Login	Enter Valid username and valid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Valid username Valid password	Successful login, Main screen of application should displayed	Successful login, Main screen of application displayed	Pass
TC_Login_2	Verify Login	Enter Valid username and invalid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Valid username Invalid Password	No Matched Username/Password	No Matched Username/Password	Pass
TC_Login_3	Verify Login	Enter Invalid username and valid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Invalid username Valid Password	No Matched Username/Password	No Matched Username/Password	Pass

TC_Login_4	Verify Login	Enter Invalid username and invalid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Invalid username Invalid Password	No Matched Username/Password	No Matched Username/Password	Pass
------------	--------------	---	--	--	--------------------------------------	------------------------------	------------------------------	------

Table 3: Test Cases-2

Chapter 10: Database Design View

User Login database:

The screenshot shows the phpMyAdmin interface for a database named 'userssignup'. The current table is 'registration'. The data grid displays the following columns: id, username, email, mobile, password, and cpassword. The data is as follows:

	id	username	email	mobile	password	cpassword
<input type="checkbox"/>	1	Lalit	lalitsoren@gmail.com	7894561230	\$2y\$10\$qzSL1IVpdK17WeUoioXQeGAJbqln973ErJWCWIR28g...	\$2y\$10\$Gu3Kzoe1z0nVn6QgfUd35OdaAgtZ
<input type="checkbox"/>	2	Lalit	lalit@gmail.com	1234567890	\$2y\$10\$MAbM361iI2TKN/1aJrEAe59VCGBSyRewm6YECs/C0c...	\$2y\$10\$7FzLjcvJ.VJMxFtQp4gU9OG0YGsC
<input type="checkbox"/>	3	adgdsfghj	fgh@gmail.com	1234567890	\$2y\$10\$cpDb/wVuPDsG5ZtJydJWRc.ZUvCLVjJxliOHh0BFy...	\$2y\$10\$ysj34wcJCpLAOT/.goHYjOtICVqdff
<input type="checkbox"/>	4	lk	lk@gmail.com	7896321456	\$2y\$10\$ph0ptAXjLZ7wAjE9rlpNMOWmIECbXJH4HjYF2LCgry...	\$2y\$10\$UaaHRa050IRIBXZwcL87he44qsE8
<input type="checkbox"/>	5	Hari Das	hari@gmail.com	7894561230	\$2y\$10\$5SsZammNUkCifAzKxh1wu.6m7B.F7G9JtLSh5rm5tl...	\$2y\$10\$2Nw2Hx7eggUstwLFSiavyuQGigWr
<input type="checkbox"/>	6	Ram	ram@gmail.com	7894561235	\$2y\$10\$gPEaPFk.bPaXCpLKcu58h.RyOgEm1p1AV.R9zgymz....	\$2y\$10\$e/Zo6kXyTY0G8aWyeoB78u.ID0Tf

Admin Login database:

The screenshot shows the phpMyAdmin interface for a database named 'logindadmin'. The current table is 'admintable'. The data grid displays the following columns: id, user, and pass. The data is as follows:

	id	user	pass
<input type="checkbox"/>	1	lalit	cet123

Contact database:

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1
- Database:** coronadb
- Table:** coronacase

The table structure is as follows:

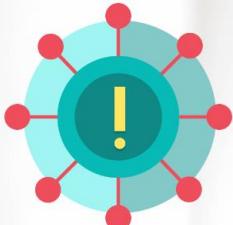
+ Options	id	username	email	mobile	symp	message
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	Alex guru	Alex@gmail.com	7894561230	weakness,	Headache
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	Hari das	hari@gmail.com	897456135	dificult_breathing,	High Fever
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	John	john@gmail.com	7894561230	cough,fever,weakness,	Not feeling well
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Lalit Kumar Soren	lk@gmail.com	779461230	cough,cold,fever,weakness,dificult_breathing,	I am feeling week from last 5 days and also diffi...
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	Ram	ram@gmail.com	7845123690	fever,weakness,	Feels sofesticated
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	wertyu	xy@gmail.com	78945612305	cough,cold,fever,weakness,dificult_breathing,	High fever with fatigue

Below the table, there are navigation links and other filtering options.

Chapter 11: Output Screens

COVID-19

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Let's Stay Safe & Fight Together against Corona Virus

COVID-19 UPDATES

INDIA WORLD

COVID-19 INDIA DATA

Confirmed	Active	Recovered	Deceased
10791123	152360	10479508	154742

COVID-19 UPDATES

INDIA WORLD

COVID-19 INDIA DATA

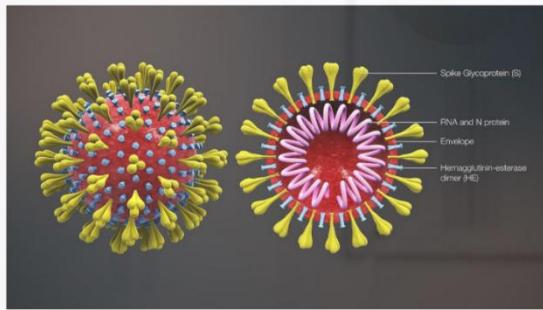
Confirmed	Active	Recovered	Deceased
10791123	152360	10479508	154742



A line chart showing COVID-19 data across Indian states. The Y-axis represents the number of cases, ranging from 0 to 2,500,000. The X-axis lists 37 Indian states and union territories. The chart shows a sharp initial drop in cases, followed by a plateau and slight fluctuations. The highest peak is in Maharashtra, which has since declined significantly.

State	Confirmed Cases
Maharashtra	~2,000,000
Karnataka	~1,000,000
Tamil Nadu	~800,000
Kerala	~500,000
Delhi	~400,000
Uttar Pradesh	~300,000
West Bengal	~200,000
Odisha	~150,000
Rajasthan	~100,000
Telangana	~80,000
Chhattisgarh	~60,000
Haryana	~50,000
Bihar	~40,000
Gujarat	~30,000
Madhya Pradesh	~20,000
Assam	~15,000
Punjab	~10,000
Jharkhand	~8,000
Uttarakhand	~5,000
Himachal Pradesh	~3,000
Goa	~2,000
Dadra and Nagar Haveli	~1,000
Daman and Diu	~500
Andhra Pradesh	~1,000
Odisha	~1,000
Chhattisgarh	~1,000
Assam	~1,000
Uttaranchal	~1,000
Himachal	~1,000
Manipur	~1,000
Nagaland	~1,000
Arunachal Pradesh	~1,000
Sikkim	~1,000
Delhi	~1,000
Jammu and Kashmir	~1,000
Lakshadweep	~1,000
State Unassigned	~1,000

About COVID-19



What is COVID-19(Corona-Virus)

Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. This new virus and disease were unknown before the outbreak began in Wuhan, China in December 2019.

Coronaviruses are a large family of viruses which may cause illness in animals or humans. In humans, several coronaviruses are known to cause respiratory infections ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS) and Severe Acute Respiratory Syndrome (SARS). The most recently discovered coronavirus causes coronavirus disease COVID-19.

Corona Symptoms

You can be infected by breathing in the virus if you are within close proximity of someone who has COVID-19, or by touching a contaminated surface and then your eyes, nose or mouth. The virus that causes COVID-19 is mainly transmitted through droplets generated when an infected person coughs, sneezes, or exhales. These droplets are too heavy to hang in the air, and quickly fall on floors or surfaces. Seek immediate medical attention if you have serious symptoms. Always call before visiting your doctor or health facility. People with mild symptoms who are otherwise healthy should manage their symptoms at home. On average it takes 5–6 days from when someone is infected with the virus for symptoms to show, however it can take up to 14 days.



Cough



Runny nose



fever



Cold



Tiredness



Difficulty breathing(severe cases)



Prevention Against Coronavirus

Prevention is better than cure. It is very necessary take precaution before effect you. Protect yourself and others around you by knowing the facts and taking appropriate precautions. Follow advice provided by your local health authority.



Wash your Hand Regularly
with soap and water or
alcohol based hand rub



Cover Your nose and mouth
with a disposable tissue or fixed
elbow when you cough or
sneeze



Avoid close contact(at least 1
meter) with people who are
unwell



Stay home and self-isolate
from others in the household if
you feel unwell



Stay informed by watching
news and follow the
recommendation practices



If you have
fever,cough,difficulty in
breathing etc. seek telemedical
care early

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COVID-19

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CONTACT US ASAP

COVID-19 Hospital, BBSR, Odisha

+91 01234567890

healthcare@gmail.com

Name

Email

mobile

Select Symptoms Cough Cold Fever Weakness Difficulty In Breathing

Describe how you are feeling

Submit

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ADMIN LOGIN PAGE

Admin ID

 Password

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List of Registered Patient

ID	USERNAME	EMAIL	MOBILE	SYMPTOMS	MESSAGE	ACTION
1	Lalit Kumar Soren	lk@gmail.com	779461230	cough,cold,fever,weakness,dificult_breathing,	I am feeling week from last 5 days and also difficult to take breath.	
2	Alex guru	Alex@gmail.com	7894561230	weakness,	Headache	
4	John	john@gmail.com	7894561230	cough,fever,weakness,	Not feeling well	
5	wertyu	xy@gmail.com	78945612305	cough,cold,fever,weakness,dificult_breathing,	High fever with fatigue	
6	Ram	ram@gmail.com	7845123690	fever,weakness,	Feels sofesticated	
7	Hari das	hari@gmail.com	897456135	dificult_breathing,	High Fever	

COVID-19		COVID-19 UPDATES			
		These are the COVID-19 Cases India			
Search...					
Country	State	Confirmed	Active	Recovered	Deaths
03/02/2021 21:04:15	Maharashtra	2033266	37516	1943335	51169
03/02/2021 21:44:18	Karnataka	940596	5915	922437	12225
03/02/2021 21:44:20	Andhra Pradesh	888099	1162	879780	7157
03/02/2021 21:44:22	Tamil Nadu	839866	4494	823001	12371
03/02/2021 20:08:16	Kerala	944710	69125	871548	3797
03/02/2021 22:08:16	Delhi	635481	1208	623409	10864
03/02/2021 22:08:18	Uttar Pradesh	600837	4765	587398	8674
03/02/2021 21:44:29	West Bengal	570581	5196	555190	10195
03/02/2021 22:08:20	Odisha	335282	824	332499	1959
03/02/2021 21:44:36	Rajasthan	317766	1692	313304	2770
03/02/2021 21:04:19	Telangana	294924	2008	291312	1604
03/02/2021 22:08:22	Chhattisgarh	306370	4315	298337	3718
03/02/2021 21:44:40	Haryana	268136	1019	264093	3024
03/02/2021 21:44:42	Bihar	261004	1046	258447	1510
03/02/2021 21:04:21	Gujarat	262406	2856	255159	4391
03/02/2021 22:08:24	Madhya Pradesh	255689	2430	249443	3816
03/02/2021 22:51:17	Assam	217175	401	214344	1083
03/02/2021 22:08:27	Punjab	173861	2130	166103	5628

COVID-19		COVID-19 UPDATES			
		These are the COVID-19 Data in World			
Search...					
Country	Total Confirmed	Total Recovered	Total Deaths	New Confirmed	New Recovered
Afghanistan	55174	47982	2406	0	0
Albania	80941	48958	1404	0	0
Algeria	108116	73940	2900	0	0
Andorra	10070	9313	103	0	0
Angola	19937	18335	470	0	0
Antigua and Barbuda	249	179	7	0	0
Argentina	1952744	1745208	48539	0	0
Armenia	167421	158693	3096	0	0
Australia	28838	26079	909	9	9
Austria	418283	396709	7902	0	0
Azerbaijan	230617	224168	3145	0	0
Bahamas	8231	6807	176	0	0
Bahrain	104792	99527	376	0	0
Bangladesh	536545	481306	8162	0	0
Barbados	1611	1238	14	0	0
Belarus	251705	239191	1746	0	0
Belgium	716395	0	21216	3124	0
Belize	11978	11413	306	0	0
Benin	4119	3552	64	0	0

Chapter 12: Conclusion

This is my first attempt in developing a web application which gave me a basic understanding of development and challenges of Web application development. This System has been computed successfully and was also tested successfully by taking "Test Cases". It is user friendly, and has required options, which can be utilized by the user to perform the desired operations

The Software is developed using HTML, CSS, JS, Bootstrap as front end and PHP, MySQL as back end and REST API is used for get data From covid19api.com works done on windows environment.

The main aim of the project is to aware the people through this global pandemic to avoid spread the *coronavirus*. Corona virus affected suspect can fill a form that's help the healthcare department. Basically it can be used as a part of Healthcare department to control and aware to stay away from corona virus.

The following are the Limitations of this project:

- SMS alert facility is not available.
- Portal is not SEO friendly
- Registration Email Verification Not available
- Risk unauthorized accessibility

The goals that are achieved by the software are:

- Spread Awareness on coronavirus
- Manage COVID-19 by healthcare department
- User friendly
- Portable and flexible for further enhancement

Chapter 13: References/Bibliography

The following reference has been used to develop the project “**COVID-19 TRACKER**”:

Web Platform:

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