Project Report

BACHELOR OF ENGINEERING IN

COMPUTER SCIENCE & ENGINEERING.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Chandigarh University

Submitted By: Utkarsh kumar (20BCS9495)

Abhishek kumar singh (20BCS9458)

Priyanshu vaishnav (20BCS9461)

PRESENTING --

COVID-19 VACCINE REGISTRATION SITE

Table of Contents

CERTIFICATE

This is to certify that the work presented in this Project Report entitled “The Vaccinator”, being submitted by “20BCS9495, 20BCS9458, 20BCS9461” for partial fulfilment of the requirement for the degree of “ Bachelor of Engineering in Computer Science & Engineering ”discipline in “Chandigarh University “is a record of genuine piece of work, carried out by students under the supervision and guidance of “ Department of Computer Science & Engineering ”, Chandigarh University**.**

DECLARATION

We, student of Bachelor of Engineering in Computer Science & Engineering , Chandigarh University, hereby declare that the work presented in this Project Report entitled “COVID-19 VACCINE REGISTRATION” is the outcome of our own work, is genuine to the best of our knowledge and this work has been carried out while taking care of Engineering Ethics. The work presented is not subjected to any kind of plagiarism and does not infringe any patent work and has not been submitted to any other university or anywhere else for the award of any degree.

ACKNOWLEDGEMENT

We would like to express our deep and sincere gratitude to our Project In charge ER Ekta Rani for handing us the opportunity to work on the project and also for providing valuable guidance throughout this research. The vision and exquisite efforts provided by her has deeply inspired us. They taught us the methodology to carry out the research and to present the research work as concisely as possible. It was a great privilege for us to study and work under their guidance. We owe the completion of my project to our project Mentor for her continuous support and guidance

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DEFINITIONS, ACRONYMS AND ABBREVIATIONS

- **API:** An application programming interface (API) is a connection between computers or between computer programs. It is a type of software interface, offering a service to other pieces of software. A document or standard that describes how to build such a connection or interface is called an API specification. A computer system that meets this standard is said to implement or expose an API. The term API may refer either to the specification or to the implementation.

- **Full-stack:** We've already covered both the frontend and the backend: now it's time to throw full-stack development into the mix. Full-stack developers work across all three layers: the frontend, the backend and the database layer. Because of the sheer depth of their knowledge across the entire spectrum, full-stack developers tend to have years of industry experience behind them.

- **Favicon:** A small icon image, often a company logo, that displays on the title bar or tab of a browser

- **JSON**: JavaScript Object Notation (JSON) is a data-interchange format. Although not a strict subset, JSON closely resembles a subset of JavaScript syntax. Though many programming languages support JSON, JSON is especially useful for JavaScript-based apps, including websites and browser extensions.

ABSTRACT

Our Aim is to design and create a data management System that will store the data of all the students in the campus who are vaccinated with the prevention vaccine of Covid. This will include a form to be filled by students which will provide us with the information of vaccinated students in the vicinity. Project include a main page will show things to keep in mind during the pandemic which an option which redirect users to a sign in page which the further redirect to a dashboard providing all the data to the students. Anyone with an account can will a form and view the data whereas only admin has the authority to delete the data. The software, of this vaccinator has a very user friendly and simplistic interface. Thus, the users will feel very easy to work on it. The vaccine information can be added to the system whenever needed. In the dashboard there are also options to view the stats of the count of the students vaccinated out of the total. Also, there is a functionality to book a vaccination slot by entering the pin code and a specified date. The customer should create a new account before logging in or he/she can log into the system with his/her created account.

Chapter-1

Introduction

1.1 Theoretical Explanation

Our project is designed to collect the information about covid vaccine and store the information in a database. Everyone can view this information and get information about the number of people in our university who have been vaccinated or not.

The reason for us to create this project is to create a user-friendly interface which is very easy to use and can help administration in a simple and easy data preparation.

Nowadays most of the work is done online. In recent times, the government and some big hospitals have taken the initiative to spread awareness through the internet. Although internet existed long back and spreading awareness through internet is not new but in recent times the use of internet has increased rapidly. It is much easier to collect data online than to collect data from each student manually. Our project can help to manage these data more efficiently.

Benefits:-
(i) It is user friendly.
(ii) Everyone can view the information and not only the administration. However only the administrator can delete and manipulate the data so that the integrity of the data is maintained.
(iii) It saves time to collect data manually.
(iv) It can show active cases by region.
(v) It can redirect to the website from where we can book the vaccine if someone has not been vaccinated.

Health is the most important thing and due to the present situation, we all can understand it as we are working and studying from home since last 2 years. Now that the situation is returning to normal but we should not be careless about it, the threat of covid is not completely over yet. Having a complete information about the people around us are vaccinated or not and maintaining

the all rules and regulation is our responsibility. Our project will make this task much easier and help everyone to stay safe.

1.2 Software and Hardware tools used for Project Software:

● **HTML:** HTML stands for Hyper Text Markup Language. Itis the standard markup language for creating Web pages. It describes the structure of a Web page. It consists of a series of elements. HTML elements tell the browser how to display the content.HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc. Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

● **CSS:** CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheets are stored in CSS files

● **JAVASCRIPT:** JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multiparadigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications The vast majority of websites use it for client-side page behaviour, and all major web browsers have a dedicated JavaScript engine to execute it.

● **MY SQL:** SQL is a standard language for accessing and manipulating databases. SQL stands for Structured Query Language. SQL lets you access and manipulate databases. SQL became a standard of the American National

Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987 SQL can execute queries against a database, retrieve data, insert records in a database, update records ,delete records, create new databases, create new tables in a database, create stored procedures in a database, create views in a database, set permissions on tables, procedures, and views

Chapter-2

Training Undertaken

In this 4-week institutional training we have learned about both frontend and backend languages regarding web development. Also, we learned about database management. This training helped us to gain knowledge about frontend languages such HTML, CSS, JAVASCRIPT whereas backend languages such as PHP and for hands on DBMS we learned how to work on MySQL. It also taught us about website deployment i.e., how do we deploy a website.

Web Development:

Now concepts of HTML, CSS,JAVASCRIPT such as Images and objects, linking of web pages, Table, Table formatting, list and generated content, two, three column layouts, Frames and Frame sets, Forms, Navigation bars, Image Rollovers, Basics of CSS, benefits of CSS, and selectors CSS types and Adding styles, box model, CSS types Browser support Colours and backgrounds, floating and positioning, java script implementation method,

Java script syntax Statements, variables, data types, Arrays, Operators, Control statements, Objects, Event handling, Browser object, Functions, Dialogs:

performing I/O, Objects in java script: Such as Array, date, math, string, XML basics, XML document syntax, Well-Formed and Valid XML, XML basics, XML document syntax, Well-Formed and Valid, etc. are now clear to us by all means.

Database Management System (DBMS):

During the training period of DBMS, we learnt various concepts related to Database. To begin with we were introduced with the concept of creation of database and initialising the columns according to out specific needs. Then we learned ways to insert the data in the tables we created in database. We also learned about various commands in order the view the data in exactly the way we want.

We were also introduced to the various pre-defined functions which can be used in the display commands and also learned to sort the data using conditional statements. We also learned about PL/SQL where we can create our own functions, procedures and triggers. Also, we learned about the concept of quarries and subqueries. We also managed to learn about different types of joins to combine different tables in a database and other basic things related to deletion and updation of data already filled in database.

Upon completion of institutional training, we are completely aware about the concepts of web development and BDMS and are ready for creating new website and implementing our ideas through it

Chapter-3

MATERIAL AND METHODOLOGY

We have used several materials are used to build this project. Certain software interfaces are used. Technologies are also used like JAVA, MY SQL, NodeJS for a full stack development.

- First of all, we have a home page to show the preventions and things to do in pandemic .
- Existing user can login the site and view the dashboard for all the data.
- New user can click on register and create a new account.
- After entering to his account, user can fill a form about his vaccination status .
- User can also find the closest vaccination centre using the pin code.
- There is also a FAQ page for the general queries .
- There is also a blog section for user to read blogs related to blogs.

3.1 PROJECT DESIGN

This describes the proposed system, explaining how modules and components integrate and communicate to bring about the working application of the proposed system. The website design is developed to satisfy the requirement of modern system architecture including computational structures and model training algorithms. The website design will also capture the major functional building blocks needed to understand the process of building a system.

1. Users.
2. Admin.

- Users Features --
    - ❖ Login account
    - ❖ Register account
    - ❖ Fill up a form
    - ❖ Check available Slots for Vaccine
    - ❖ Read Blogs related to Covid
    - ❖ Access FAQs
- Admin Features -
    - ❖ Add or Delete data from database
    - ❖ Delete User accounts.

❖ Publish Blogs.

3.2 TEAM WORK

- ✓ HTML and Design – Utkarsh kumar
- ✓ CSS and Login functionality – Abhishek kumar singh
- ✓ DBMS and Backend – Priyanshu Vaishnav

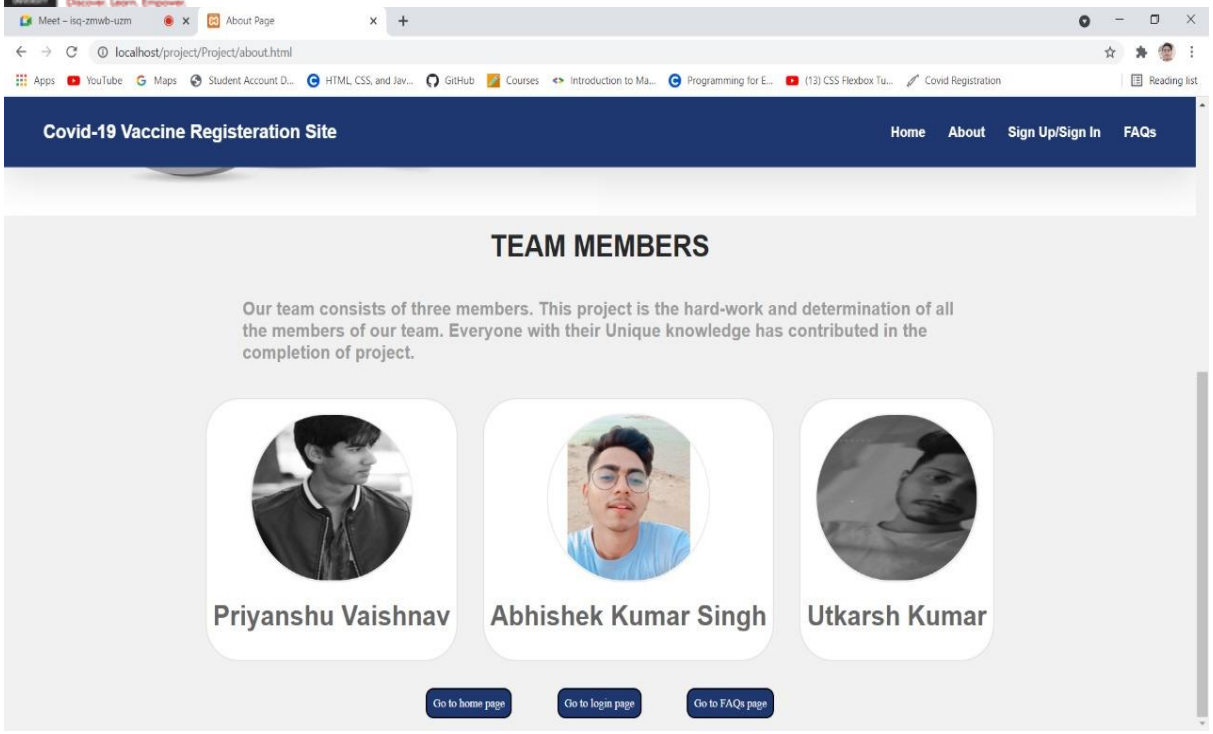
Chapter-4

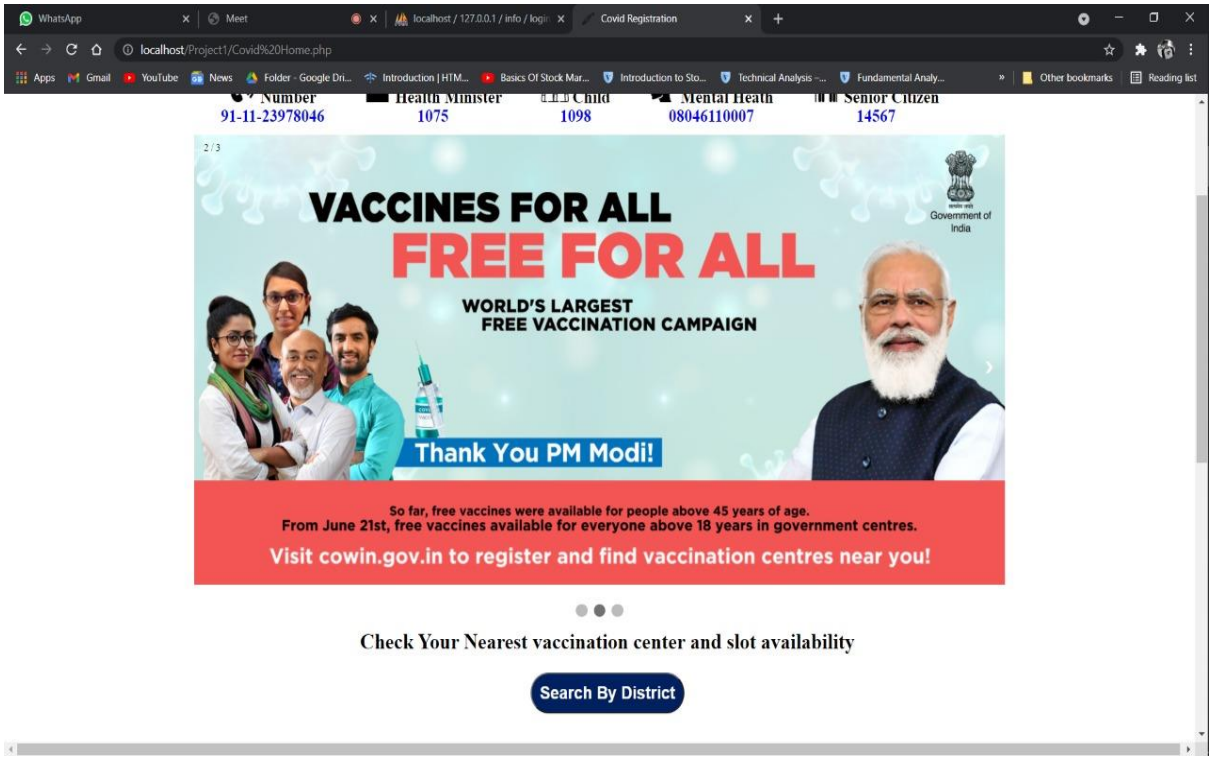
Results and Snapshots

4.1 Result

Therefore, after implementing all the mentioned libraries as well as software tools, we finally full-fledge website where users can make an account, log in as and also post their own car whenever they want

4.2 Snapshots


Meet – isq-zmwb-uzm
About Page
localhost/project/Project/about.html
Covid-19 Vaccine Registeration Site
Home
About
Sign Up/Sign In
FAQs
TEAM MEMBERS
Our team consists of three members. This project is the hard-work and determination of all the members of our team. Everyone with their Unique knowledge has contributed in the completion of project.
Priyanshu Vaishnav
Abhishek Kumar Singh
Utkarsh Kumar
Go to home page
Go to login page
Go to FAQs page


WhatsApp
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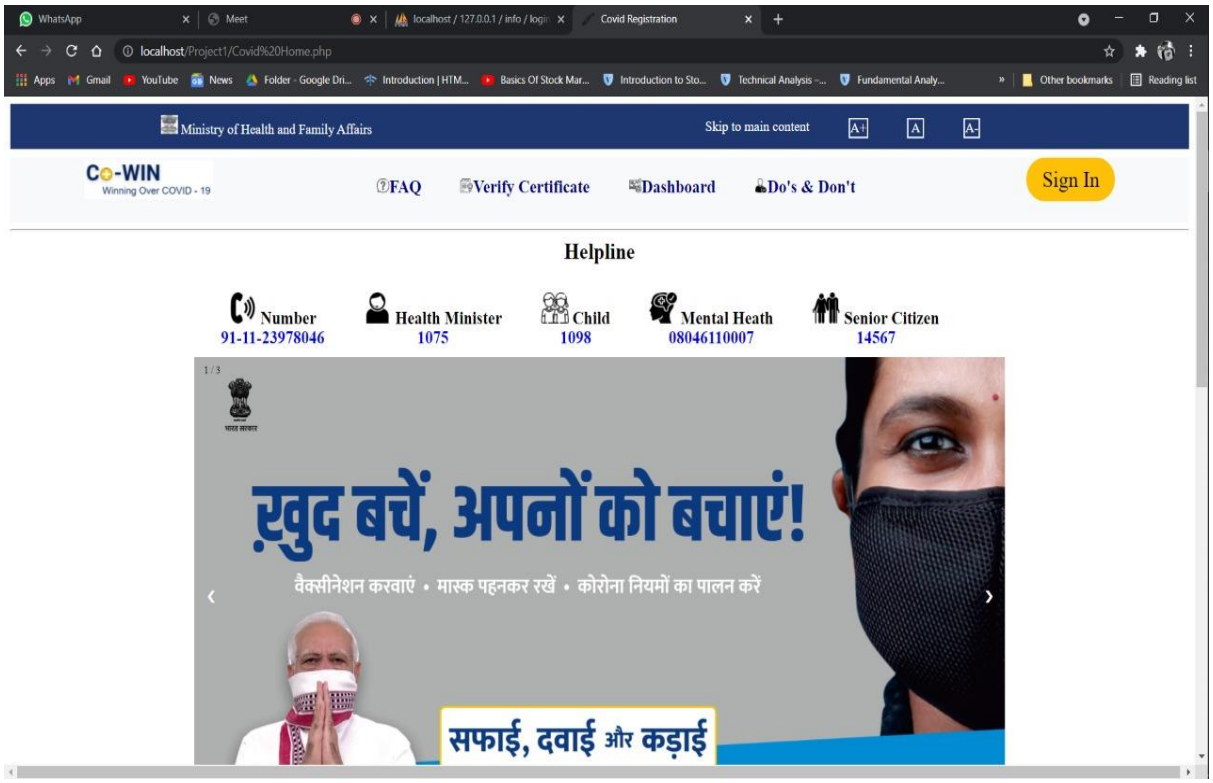
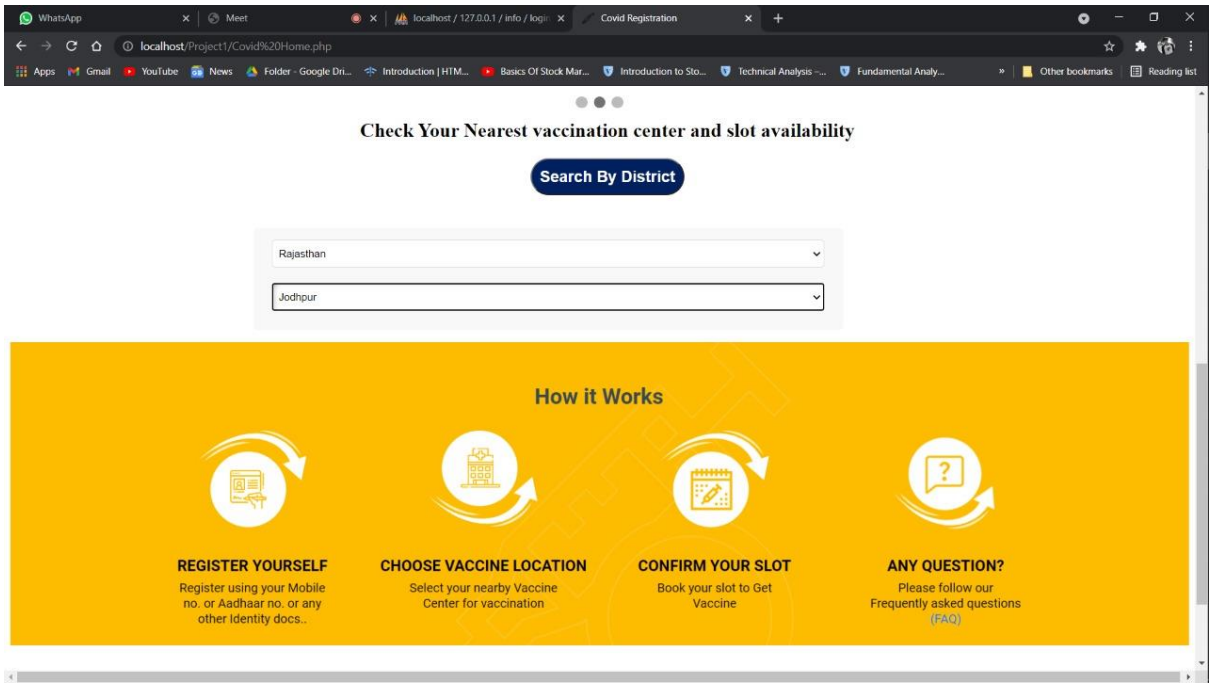
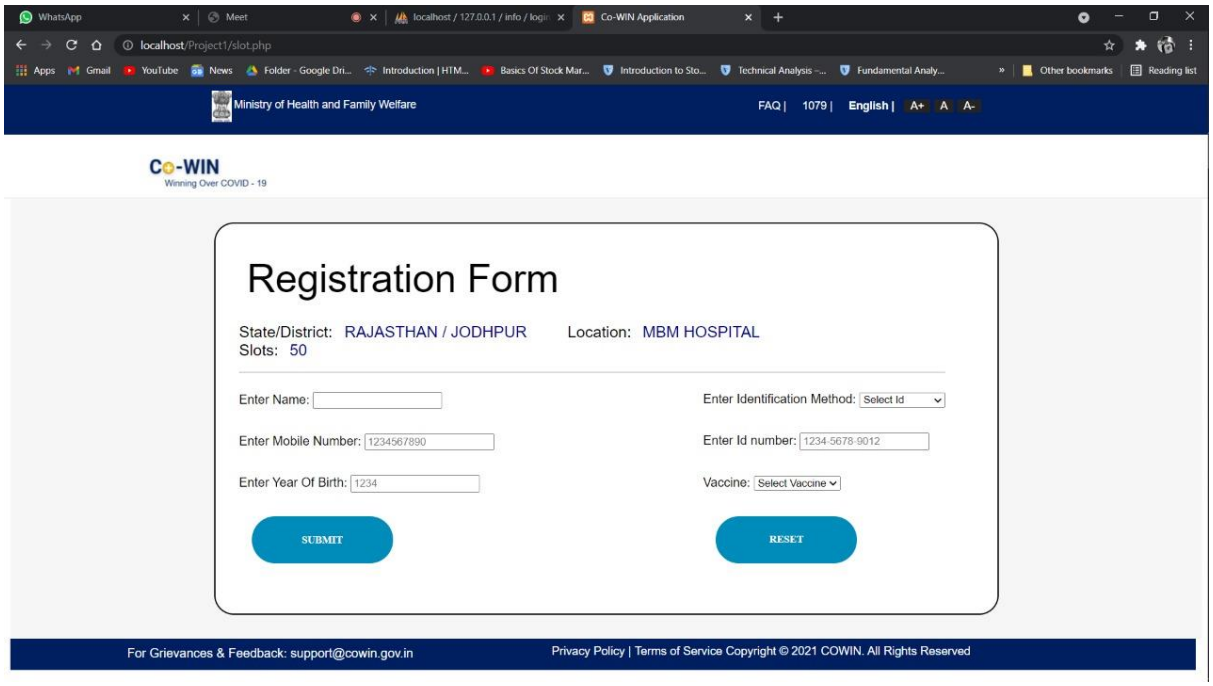
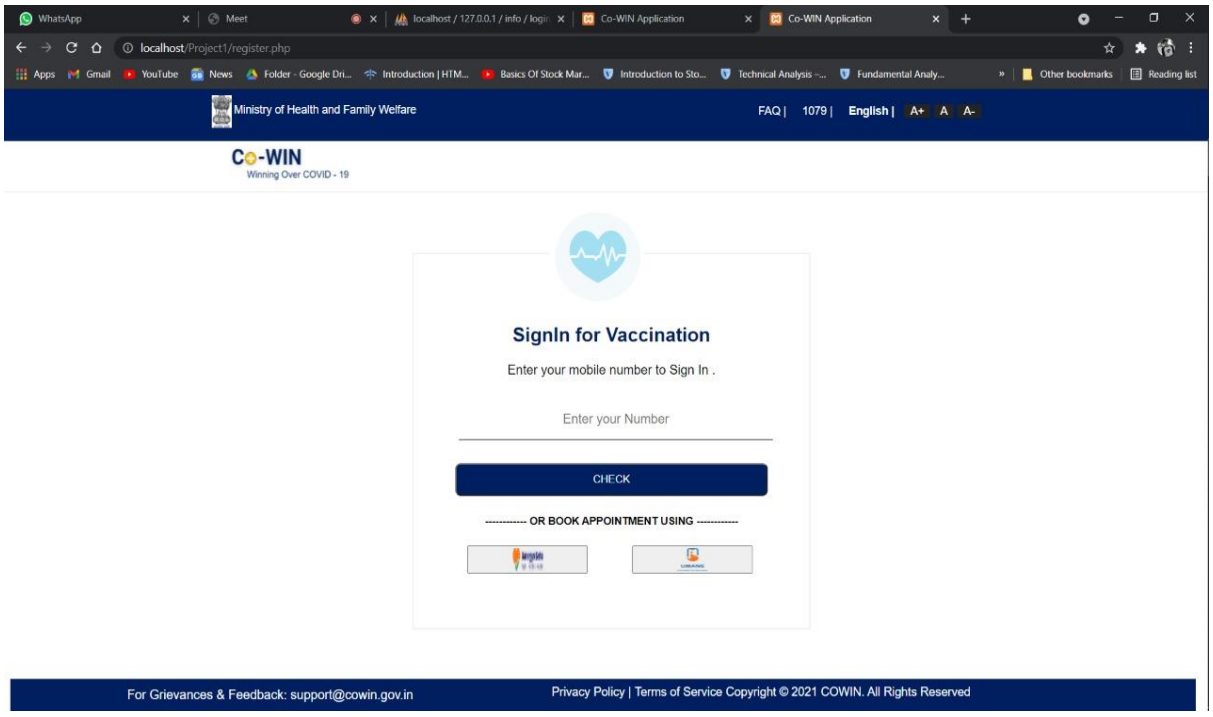
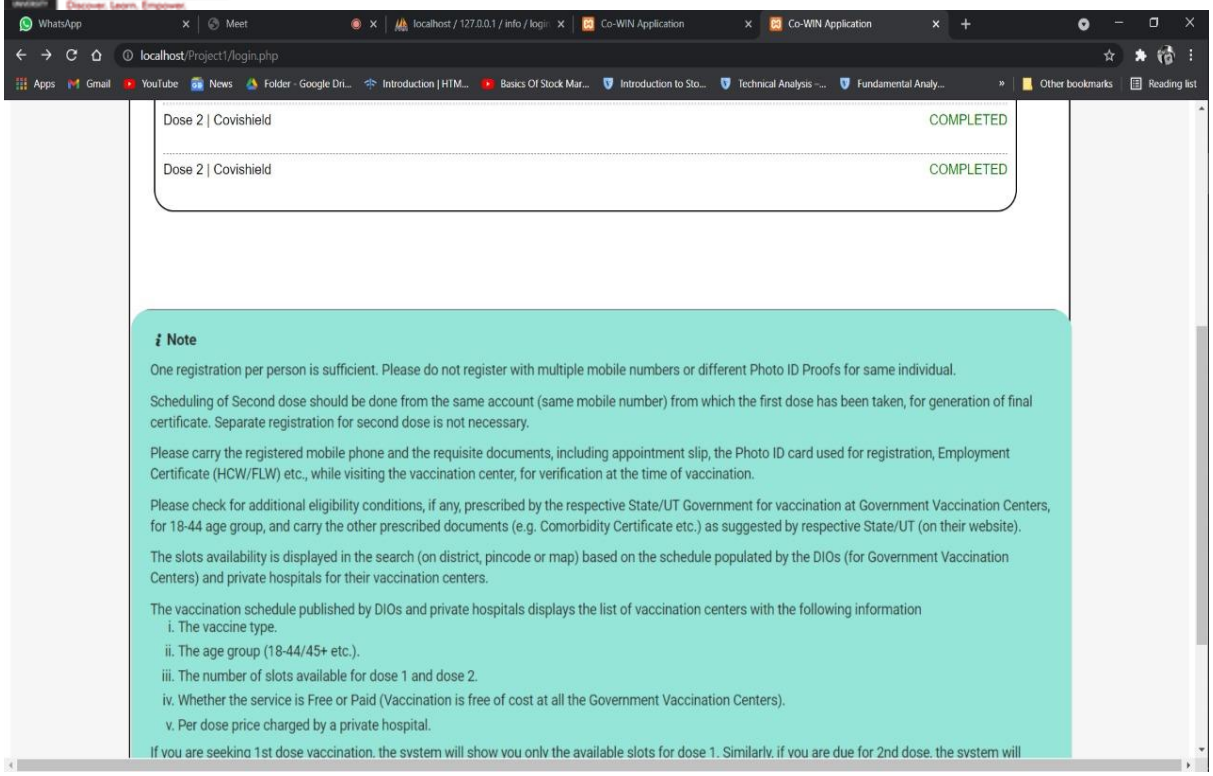
Covid Registration
localhost/Project1/Covid%20Home.php
Number
91-11-23978046
Health Minister
1075
Child
1098
Mental Health
08046110007
Senior Citizen
14567
2 / 3
VACCINES FOR ALL
FREE FOR ALL
WORLD'S LARGEST
FREE VACCINATION CAMPAIGN
Government of India
Thank You PM Modi!
So far, free vaccines were available for people above 45 years of age.
From June 21st, free vaccines available for everyone above 18 years in government centres.
Visit cowin.gov.in to register and find vaccination centres near you!
Check Your Nearest vaccination center and slot availability
Search By District

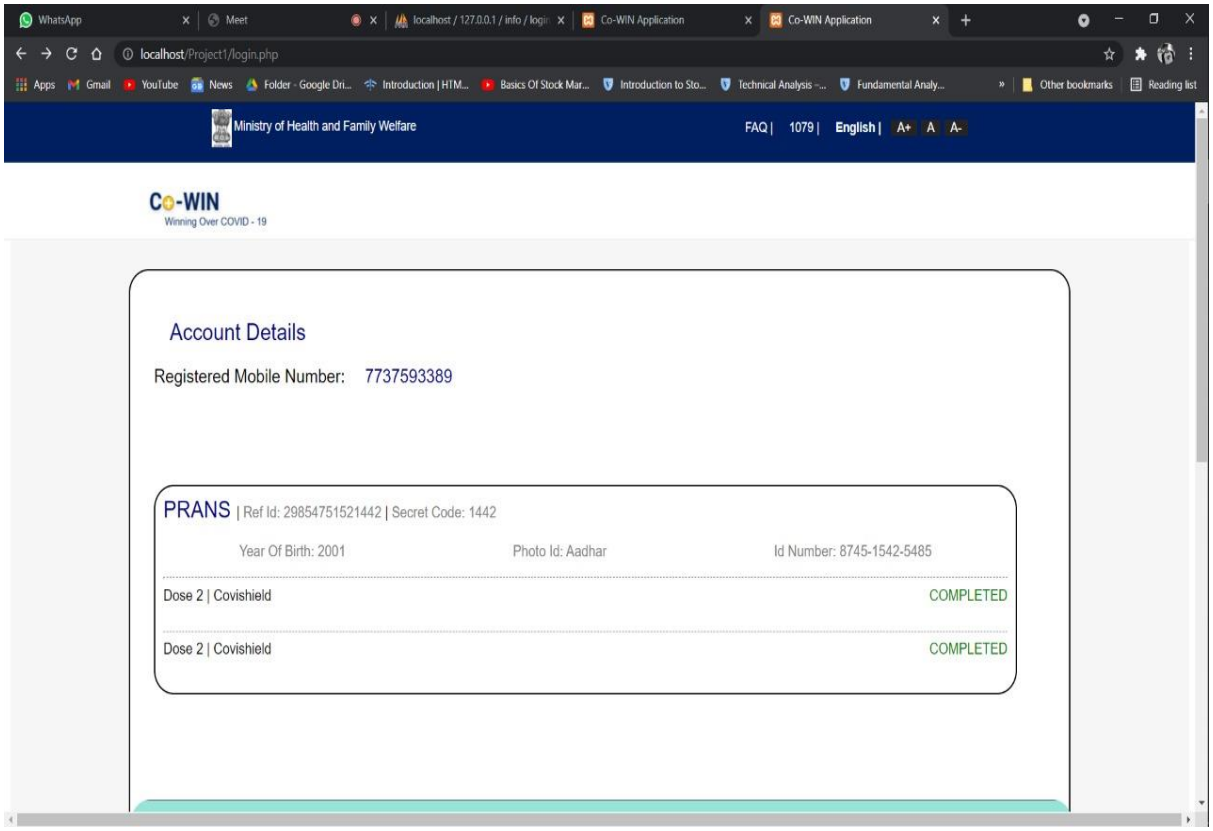

Ministry of Health and Family Affairs
Skip to main content
Co-WIN
Winning Over COVID - 19
FAQ
Verify Certificate
Dashboard
Do's & Don't
Sign In
Helpline
Number
91-11-23978046
Health Minister
1075
Child
1098
Mental Heath
08046110007
Senior Citizen
14567
ख़ुद बचें, अपनों को बचाएं!
वैक्सीनेशन करवाएं • मास्क पहनकर रखें • कोरोना नियमों का पालन करें
सफाई, दवाई और कड़ाई


Check Your Nearest vaccination center and slot availability
Search By District
Rajasthan
Jodhpur
How it Works
REGISTER YOURSELF
Register using your Mobile no. or Aadhaar no. or any other Identity docs..
CHOOSE VACCINE LOCATION
Select your nearby Vaccine Center for vaccination
CONFIRM YOUR SLOT
Book your slot to Get Vaccine
ANY QUESTION?
Please follow our Frequently asked questions (FAQ)


localhost/Project1/slot.php
Ministry of Health and Family Welfare
FAQ | 1079 | English | A+ A A-
Co-WIN
Winning Over COVID - 19
Registration Form
State/District: RAJASTHAN / JODHPUR
Location: MBM HOSPITAL
Slots: 50
Enter Name:
Enter Identification Method: Select Id
Enter Mobile Number: 1234567890
Enter Id number: 1234-5678-9012
Enter Year Of Birth: 1234
Vaccine: Select Vaccine
SUBMIT
RESET
For Grievances & Feedback: support@cowin.gov.in
Privacy Policy | Terms of Service Copyright © 2021 COWIN. All Rights Reserved


localhost/Project1/register.php
Ministry of Health and Family Welfare
FAQ | 1079 | English | A+ A A-
Co-WIN
Winning Over COVID - 19
SignIn for Vaccination
Enter your mobile number to Sign In .
Enter your Number
CHECK
---------- OR BOOK APPOINTMENT USING ----------
For Grievances & Feedback: support@cowin.gov.in
Privacy Policy | Terms of Service Copyright © 2021 COWIN. All Rights Reserved


WhatsApp
Meet
localhost / 127.0.0.1 / info / login
Co-WIN Application
Co-WIN Application
localhost/Project1/login.php
Apps
Gmail
YouTube
News
Folder - Google Dri...
Introduction | HTM...
Basics Of Stock Mar...
Introduction to Sto...
Technical Analysis -...
Fundamental Analy...
Other bookmarks
Reading list
Dose 2 | Covishield
COMPLETED
Dose 2 | Covishield
COMPLETED
Note
One registration per person is sufficient. Please do not register with multiple mobile numbers or different Photo ID Proofs for same individual.
Scheduling of Second dose should be done from the same account (same mobile number) from which the first dose has been taken, for generation of final certificate. Separate registration for second dose is not necessary.
Please carry the registered mobile phone and the requisite documents, including appointment slip, the Photo ID card used for registration, Employment Certificate (HCW/FLW) etc., while visiting the vaccination center, for verification at the time of vaccination.
Please check for additional eligibility conditions, if any, prescribed by the respective State/UT Government for vaccination at Government Vaccination Centers, for 18-44 age group, and carry the other prescribed documents (e.g. Comorbidity Certificate etc.) as suggested by respective State/UT (on their website).
The slots availability is displayed in the search (on district, pincode or map) based on the schedule populated by the DIOs (for Government Vaccination Centers) and private hospitals for their vaccination centers.
The vaccination schedule published by DIOs and private hospitals displays the list of vaccination centers with the following information
i. The vaccine type.
ii. The age group (18-44/45+ etc.).
iii. The number of slots available for dose 1 and dose 2.
iv. Whether the service is Free or Paid (Vaccination is free of cost at all the Government Vaccination Centers).
v. Per dose price charged by a private hospital.
If you are seeking 1st dose vaccination, the system will show you only the available slots for dose 1. Similarly, if you are due for 2nd dose, the system will


WhatsApp
Meet
localhost / 127.0.0.1 / info / login
Co-WIN Application
Co-WIN Application
localhost/Project1/login.php
Apps
Gmail
YouTube
News
Folder - Google Dri...
Introduction | HTM...
Basics Of Stock Mar...
Introduction to Sto...
Technical Analysis -...
Fundamental Analy...
Other bookmarks
Reading list
Ministry of Health and Family Welfare
FAQ | 1079 | English | A+ A A-
Co-WIN
Winning Over COVID - 19
Account Details
Registered Mobile Number: 7737593389
PRANS | Ref Id: 29854751521442 | Secret Code: 1442
Year Of Birth: 2001
Photo Id: Aadhar
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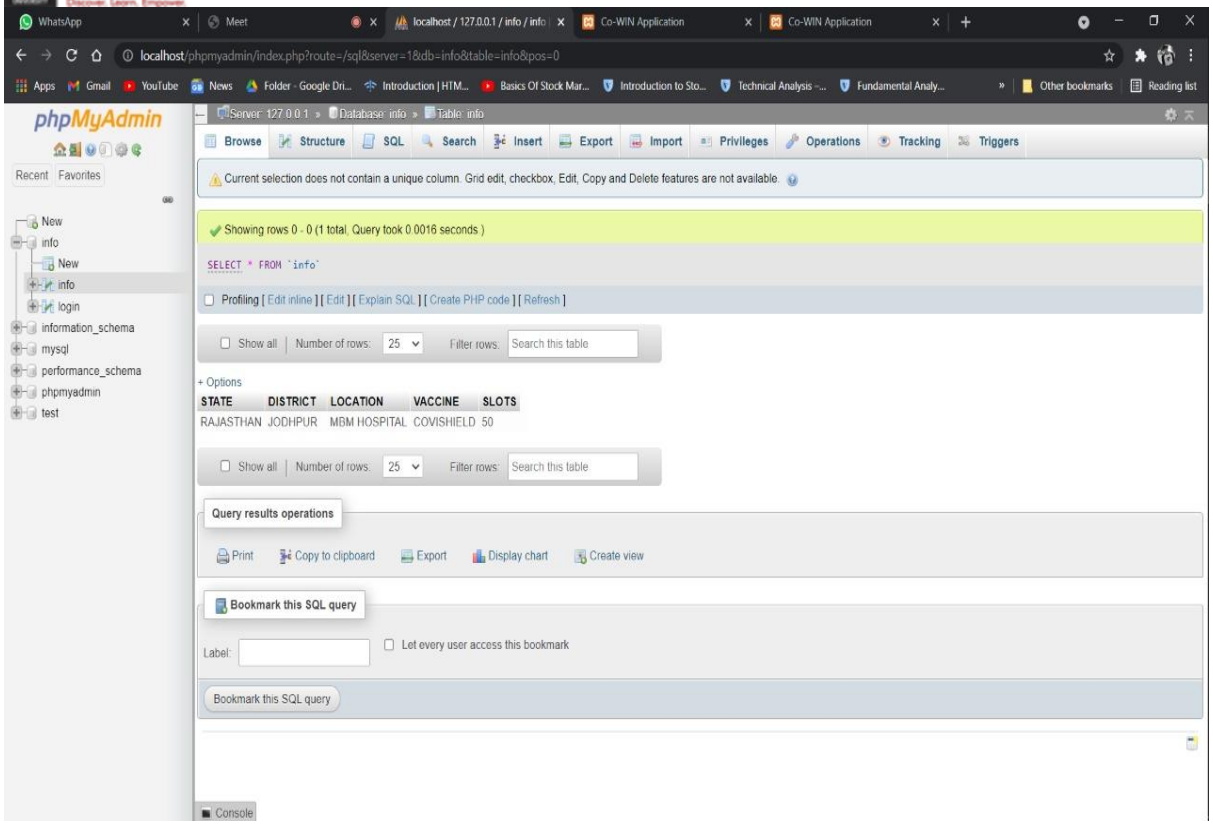
Dose 2 | Covishield
COMPLETED
Dose 2 | Covishield
COMPLETED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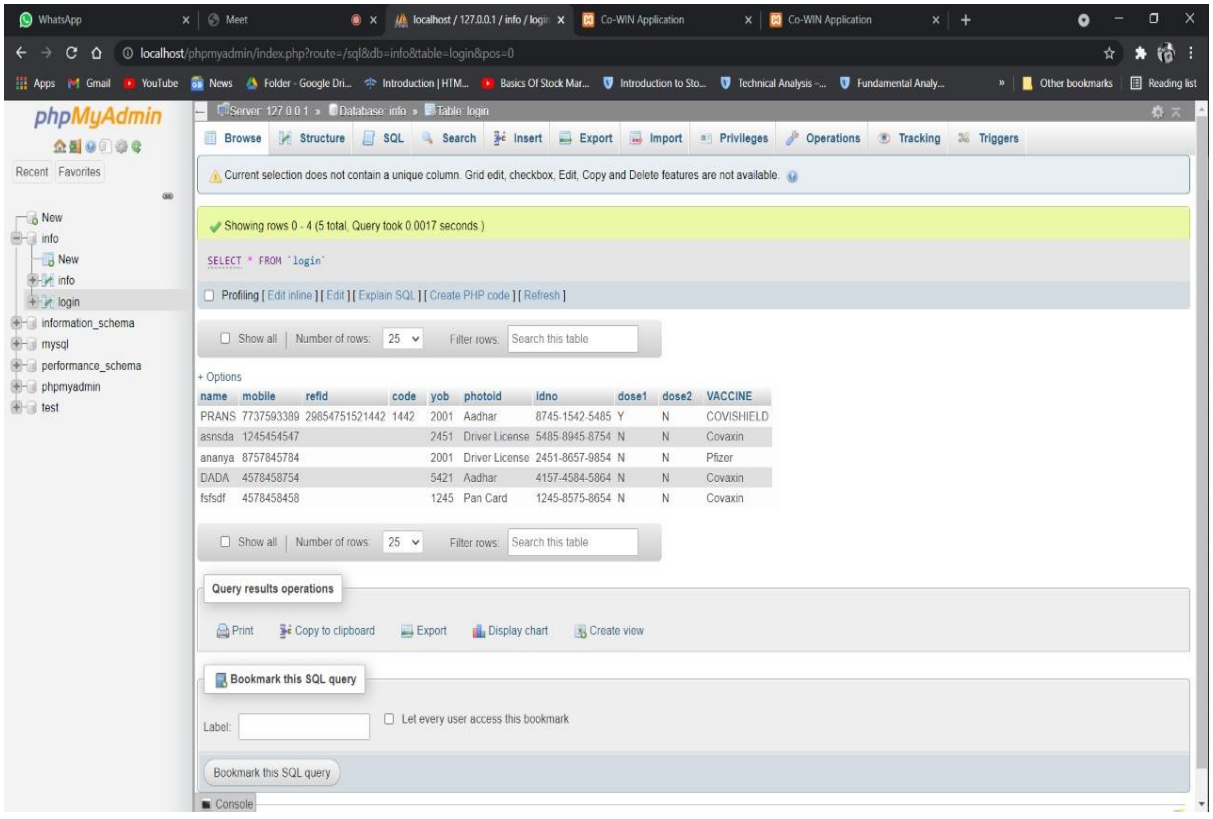
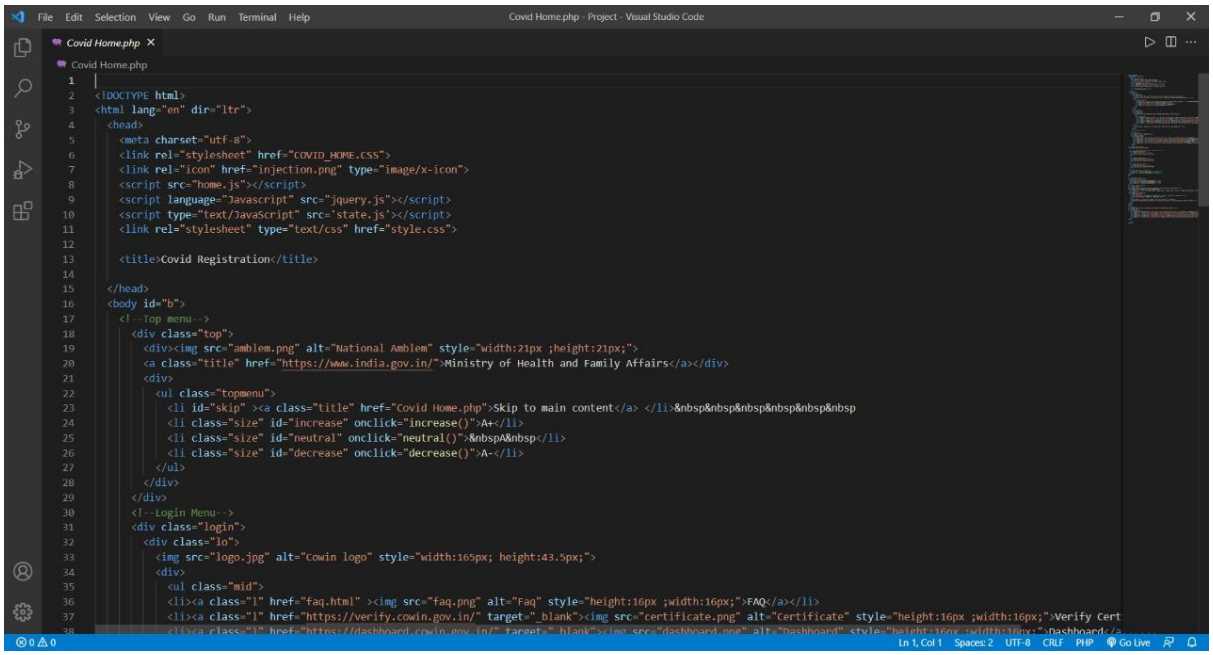
Server: 127.0.0.1 » Database: info » Table: info
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 0 (1 total, Query took 0.0016 seconds.)
SELECT * FROM `info`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 | Filter rows: Search this table
+ Options
STATE DISTRICT LOCATION VACCINE SLOTS
RAJASTHAN JODHPUR MBM HOSPITAL COVISHIELD 50
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console


phpMyAdmin
Server: 127.0.0.1 » Database: info » Table: login
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 4 (5 total, Query took 0.0017 seconds.)
SELECT * FROM `login`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 | Filter rows: Search this table
+ Options
name mobile refid code yob photoid idno dose1 dose2 VACCINE
PRANS 7737593389 29854751521442 1442 2001 Aadhar 8745-1542-5485 Y N COVISHIELD
asnsda 1245454547 2451 Driver License 5485-8945-8754 N N Covaxin
ananya 8757845784 2001 Driver License 2451-8657-9854 N N Pfizer
DADA 4578458754 5421 Aadhar 4157-4584-5864 N N Covaxin
fsfsdf 4578458458 1245 Pan Card 1245-8575-8654 N N Covaxin
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console

CODE:


File Edit Selection View Go Run Terminal Help
Covid Home.php - Project - Visual Studio Code
Covid Home.php
Covid Home.php
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<html lang="en" dir="ltr">
<head>
<meta charset="utf-8">
<link rel="stylesheet" href="COVID_HOME.CSS">
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<script src="home.js"></script>
<script language="Javascript" src="jquery.js"></script>
<script type="text/JavaScript" src='state.js'></script>
<link rel="stylesheet" type="text/css" href="style.css">
<title>Covid Registration</title>
</head>
<body id="b">
<!--Top menu-->

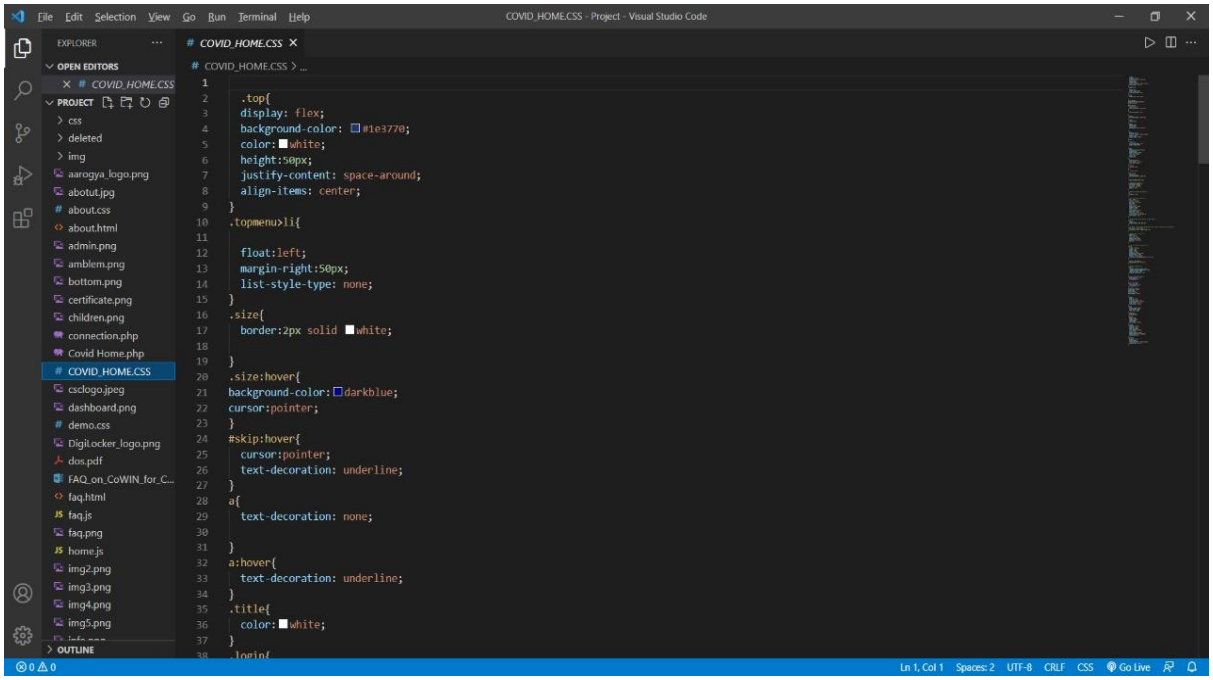
<img src="amblem.png" alt="National Amblem" style="width:21px ;height:21px;">
Ministry of Health and Family Affairs

<ul class="topmenu">
<li id="skip" >Skip to main content
<li class="size" id="increase" onclick="increase()">A+
<li class="size" id="neutral" onclick="neutral()"> A
<li class="size" id="decrease" onclick="decrease()">A-

<!--Login Menu-->

<img src="logo.jpg" alt="Cowin logo" style="width:165px; height:43.5px;">

<ul class="mid">
<img src="faq.png" alt="Faq" style="height:16px ;width:16px;">FAQ
<a class="l" href="https://verify.cowin.gov.in/" target="_blank"><img src="certificate.png" alt="Certificate" style="height:16px ;width:16px;">Verify Cert
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF PHP Go Live


File Edit Selection View Go Run Terminal Help
COVID_HOME.CSS - Project - Visual Studio Code
EXPLORER
OPEN EDITORS
COVID_HOME.CSS
PROJECT
css
deleted
img
aarogya_logo.png
abotut.jpg
about.css
about.html
admin.png
amblem.png
bottom.png
certificate.png
children.png
connection.php
Covid Home.php
COVID_HOME.CSS
csclogo.jpeg
dashboard.png
demo.css
DigiLocker_logo.png
dos.pdf
FAQ_on_CoWIN_for_C...
faq.html
faq.js
faq.png
home.js
img2.png
img3.png
img4.png
img5.png
OUTLINE
COVID_HOME.CSS
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color: white;
height:50px;
justify-content: space-around;
align-items: center;
}
.topmenu>li{
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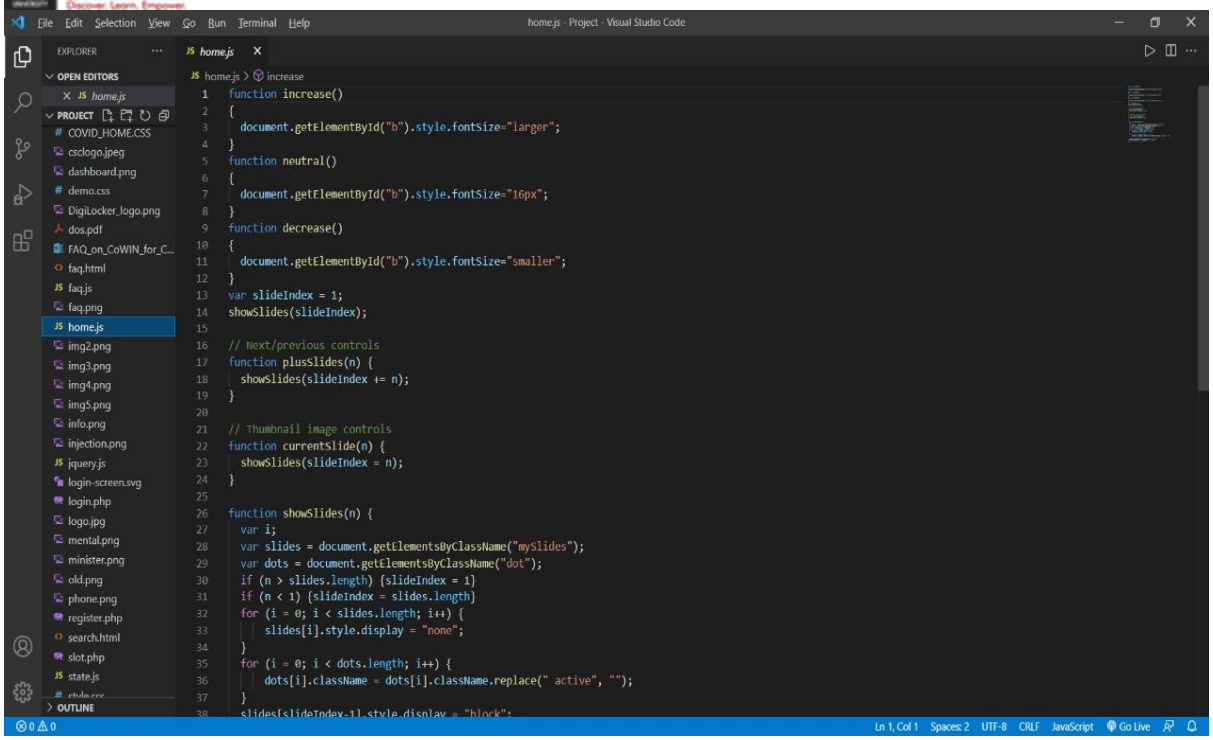
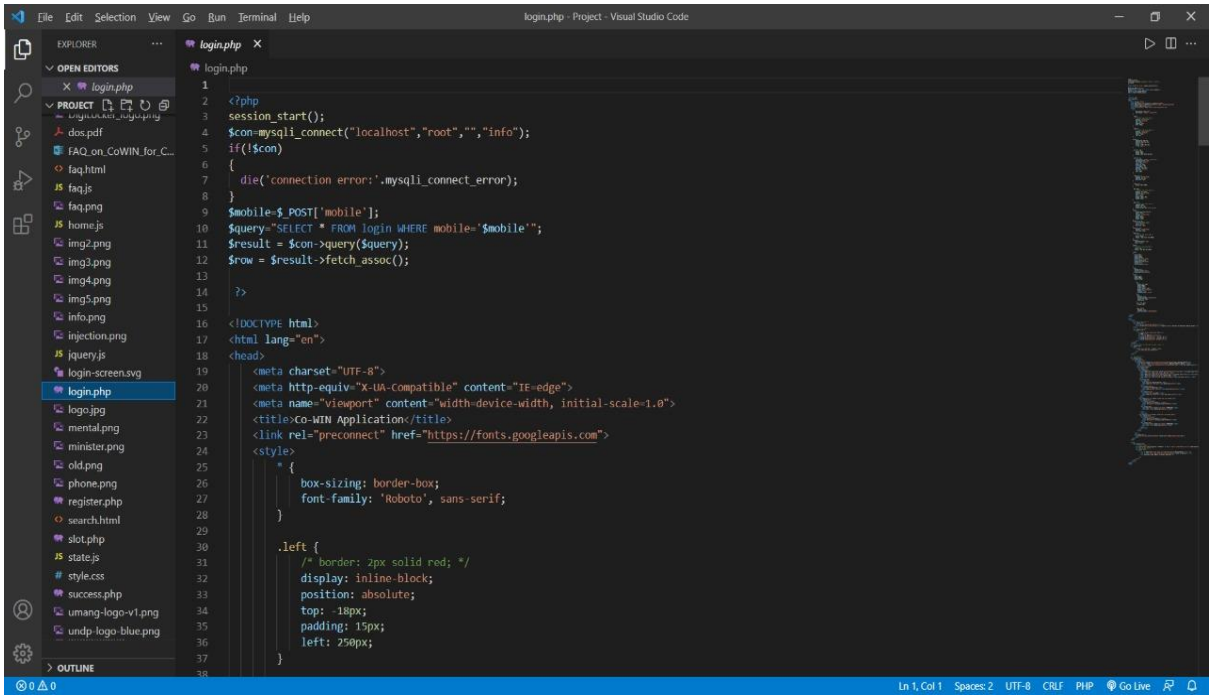
margin-right:50px;
list-style-type: none;
}
.size{
border:2px solid white;
}
.size:hover{
background-color:darkblue;
cursor:pointer;
}
#skip:hover{
cursor:pointer;
text-decoration: underline;
}
a{
text-decoration: none;
}
a:hover{
text-decoration: underline;
}
.title{
color:white;
}
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF CSS Go Live


File Edit Selection View Go Run Terminal Help
home.js - Project - Visual Studio Code
EXPLORER
OPEN EDITORS
home.js
PROJECT
COVID_HOME.CSS
csclogo.jpeg
dashboard.png
demo.css
DigiLocker_logo.png
dos.pdf
FAQ_on_CoWIN_for_C...
faq.html
faq.js
faq.png
home.js
img2.png
img3.png
img4.png
img5.png
info.png
injection.png
jquery.js
login-screen.svg
login.php
logo.jpg
mental.png
minister.png
old.png
phone.png
register.php
search.html
slot.php
state.js
OUTLINE
home.js > increase
function increase()
{
document.getElementById("b").style.fontSize="larger";
}
function neutral()
{
document.getElementById("b").style.fontSize="16px";
}
function decrease()
{
document.getElementById("b").style.fontSize="smaller";
}
var slideIndex = 1;
showSlides(slideIndex);
// Next/previous controls
function plusSlides(n) {
showSlides(slideIndex += n);
}
// Thumbnail image controls
function currentSlide(n) {
showSlides(slideIndex = n);
}
function showSlides(n) {
var i;
var slides = document.getElementsByClassName("mySlides");
var dots = document.getElementsByClassName("dot");
if (n > slides.length) {slideIndex = 1}
if (n < 1) {slideIndex = slides.length}
for (i = 0; i < slides.length; i++) {
slides[i].style.display = "none";
}
for (i = 0; i < dots.length; i++) {
dots[i].className = dots[i].className.replace(" active", "");
}
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF JavaScript Go Live


File Edit Selection View Go Run Terminal Help
login.php - Project - Visual Studio Code
EXPLORER
OPEN EDITORS
login.php
PROJECT
dos.pdf
FAQ_on_CoWIN_for_C...
faq.html
faq.js
faq.png
home.js
img2.png
img3.png
img4.png
img5.png
info.png
injection.png
jquery.js
login-screen.svg
login.php
logo.jpg
mental.png
minister.png
old.png
phone.png
register.php
search.html
slot.php
state.js
style.css
success.php
umang-logo-v1.png
undp-logo-blue.png
OUTLINE
login.php
<?php
session_start();
$con=mysqli_connect("localhost","root","","info");
if(!$con)
{
die('connection error:'.mysqli_connect_error);
}
$mobile=$_POST['mobile'];
$query="SELECT * FROM login WHERE mobile='$mobile'";
$result = $con->query($query);
$row = $result->fetch_assoc();
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Co-WIN Application</title>
<link rel="preconnect" href="https://fonts.googleapis.com">
<style>
* {
box-sizing: border-box;
font-family: 'Roboto', sans-serif;
}
.left {
/* border: 2px solid red; */
display: inline-block;
position: absolute;
top: -18px;
padding: 15px;
left: 250px;
}
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF PHP Go Live

Chapter-5

Conclusion and Future Scope

5.1 Conclusion

The project is only a humble endeavour to satisfy the client's needs for managing their project work. Several user friendly coding has also been incorporated. The goal of the software planning is to establish a framework for completing projects within a limit timeframe at the beginning of the project

5.2 POSSIBLE FUTURE WORK

- We will give more advance software for storing data add more facilities.
- We will add functionality of downloading Vaccine certificates.
- We will use local gps to find unsafe people in the close radius.
- Create a backup mechanism for backing up data and information.

- We will host the platform on online servers, to make it accessible worldwide.
- We can add map functionality and use crowd sourced data to markup the critical zones and safe zones.

References

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[2] Undraw, 2021, https://undraw.co/

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[5] MDNWebDocs, 2016, https://developer.mozilla.org/en-US/

[6] APISetu, 2021, https://apisetu.gov.in/