

# Online Hospital Management System

## A PROJECT REPORT

Submitted for the course: Internet and Web Programming (CSE3002)

By

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**VIT<sup>®</sup>**  
**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

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## **CERTIFICATE**

This is to certify that the project work entitled “**Online Hospital Management System**” that is being submitted by “***Rohan Allen (18BCI0247), Jeyanth Balakrishnan(18BCI0245), Dhruv Sakhuja(18BCE0661) and K.Vyshnav (18BCI0135)***” for Internet and Web Programming (CSE3002) is a record of bonafide work done under my supervision. The contents of this Project work, in full or in parts, have neither been taken from any other source nor have been submitted for any other CAL course.

Place: Vellore

Date: 28<sup>th</sup> October, 2020

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### **Signature of Students**

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**Jeyanth Balakrishnan**

**Dhruv Sakhuja**

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## **1.Abstract**

This project aims to implement a real-life online hospital management system that allows seamless interaction between all the actors involved namely, the admin, doctor and the patient.

Clinic Management System gives the advantages of smoothed out tasks, upgraded organization and control, understanding consideration, cost control and improved benefit savvy. HMS is amazing, adaptable, and simple to utilize and is planned and created to convey undeniably more advantages to emergency clinics. Additionally, it is sponsored by solid and reliable help. The task 'Emergency clinic Management System' depends on the information base, object situated and PHP methods. As there are numerous regions where we save the records in the information base for which we are utilizing MY SQL programming which is truly outstanding and the simplest programming to keep our data. This venture utilizes PHP as the front-end programming which is an Object-Oriented Programming and has network with MY SQL. Medical clinic Management System is exclusively worked to meet the particular prerequisite of the mid and enormous size emergency clinics over the globe. All the necessary modules and highlights have been worked to simply fit in to one's prerequisite. This model can be broadly acknowledged and furthermore it is exceptionally fulfilling and increasing in value. Whole application is online and will be manufactured utilizing most recent advances. The sound information base of the application makes it more clients amicable and expandable. It is adjustable and can be changed according to the necessities and prerequisites.

## **2. Introduction**

### **Frontend Technologies used:**

HTML

CSS

JAVASCRIPT

PHP

BOOTSTRAP

AJAX

JQUERY

### **Backend Technologies used:**

PHP

MySQL

### **Software Requirements:**

XAMPP Server, Google Chrome/Mozilla Firefox/Opera web browser,  
Windows 10/Linux/Mac Operating System.

### **3. Proposed System Design**

- 1) This project aims to implement a real-life online hospital management system that allows seamless interaction between all the actors involved namely, the admin, doctor and the patient.
- 2) Due to the ongoing coronavirus pandemic we have added multiple new features to the system. On the homepage of the website itself there is a tab named Covid-19. On clicking that tab, a page describing the symptoms of Covid-19 pops up. If the user has these symptoms, he/she can reserve a bed in the isolation/quarantine ward of the hospital where he/she will be examined and tested. This will reduce the risk of the virus spreading. The patient can view the status of their request by logging in to their account.
- 3) All passwords of the admin, doctors and patients stored in the database are encrypted using MD5 hashing algorithm.

## **4. Modules and their Description**

### **Admin**

1. Dashboard: In this segment, administrator can see the Patients, Doctors, Appointments and New questions.
2. Doctors: In this area, administrator can include doctors specialization and manage specialists (Add/Update).
3. Users: In this area, administrator can see clients detail(who take online arrangement) and furthermore have option to erase unessential client.
4. Patients: In this area, administrator can see patient's subtleties.
5. Appointment History: In this area, administrator can see arrangement history.
7. Contact us Queries: In this area, administrator can see questions which are send by clients.
8. Doctor Session Logs: In this area, administrator can see login and logout season of specialist.
9. User Session Logs: In this area, administrator can see login and logout season of client.
10. Reports: In this segment, administrator can see reports of patients specifically periods.

### **Patient**

Dashboard: In this segment, patients can see the his/her profile, Appointments and Book Appointment.

Book Appointment: In this segment, Patient can book his/her arrangement.

Appointment History: In this segment, Patients can see his/her own arrangement history.

Medical History: In this segment, Patients can see his/her own medical history.



## Doctors

1. Dashboard: In this area, specialist can see his/her own profile and online arrangements.
2. Appointment History: In this area, Doctor can see patient's arrangement history.
3. Patients: In this segment, specialist can oversee patients (Add/Update).
4. Search: In this segment, specialist can look through patient with the assistance of patient name and portable number.

## 5. MySQL tables (as seen in phpMyAdmin):

Table 1: admin

id	username	password
----	----------	----------

Table 2: doctor

doc_id	name	specialization	address	fees	no	username	password
--------	------	----------------	---------	------	----	----------	----------

Table 3: patient

pat_id	name	address	city	gender	username	password
--------	------	---------	------	--------	----------	----------

Table 4: appointment

app_id	doc_specialization	doc_id	user_id	fees	date	time
--------	--------------------	--------	---------	------	------	------

Table 5: Doctor Specialization

doc_id	doc_specialization
--------	--------------------

Table 6: contact\_us

user_id	name	message	username	contact_no	admin_remark
---------	------	---------	----------	------------	--------------

Table 7: medical\_history

pat_id	height	weight	Blood_pressure	Blood_sugar	prescription
--------	--------	--------	----------------	-------------	--------------

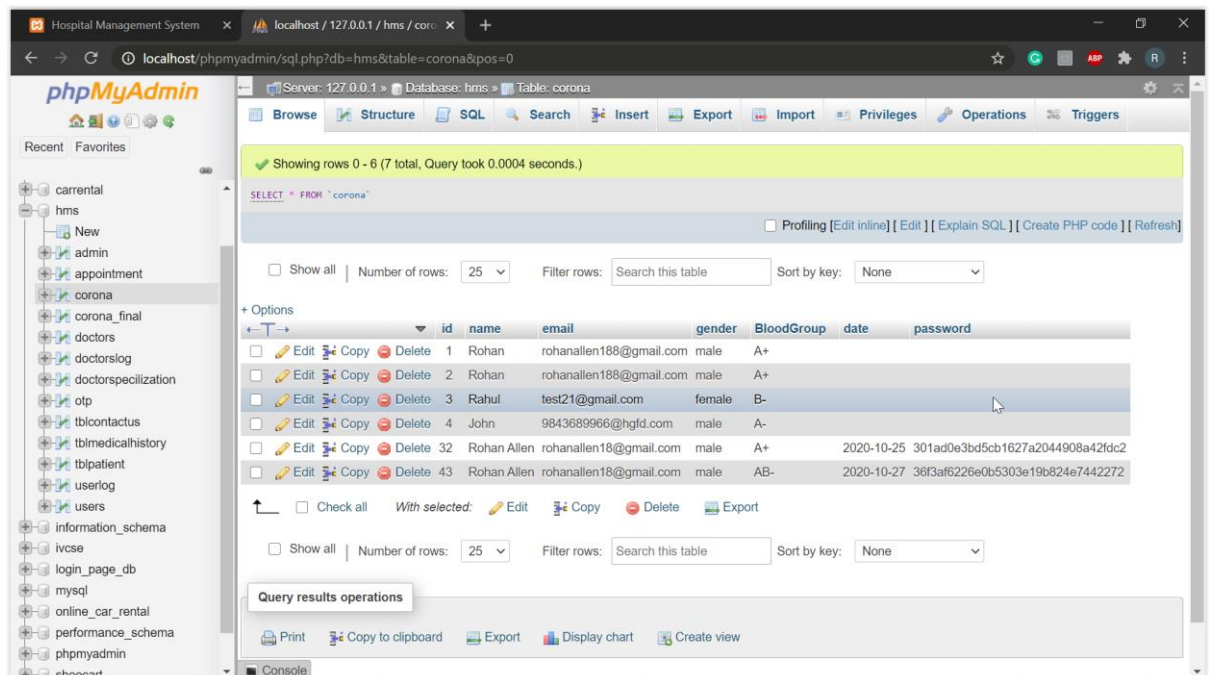
Table 8: doctor\_log

doc_id	name	login_time	logout_time
--------	------	------------	-------------

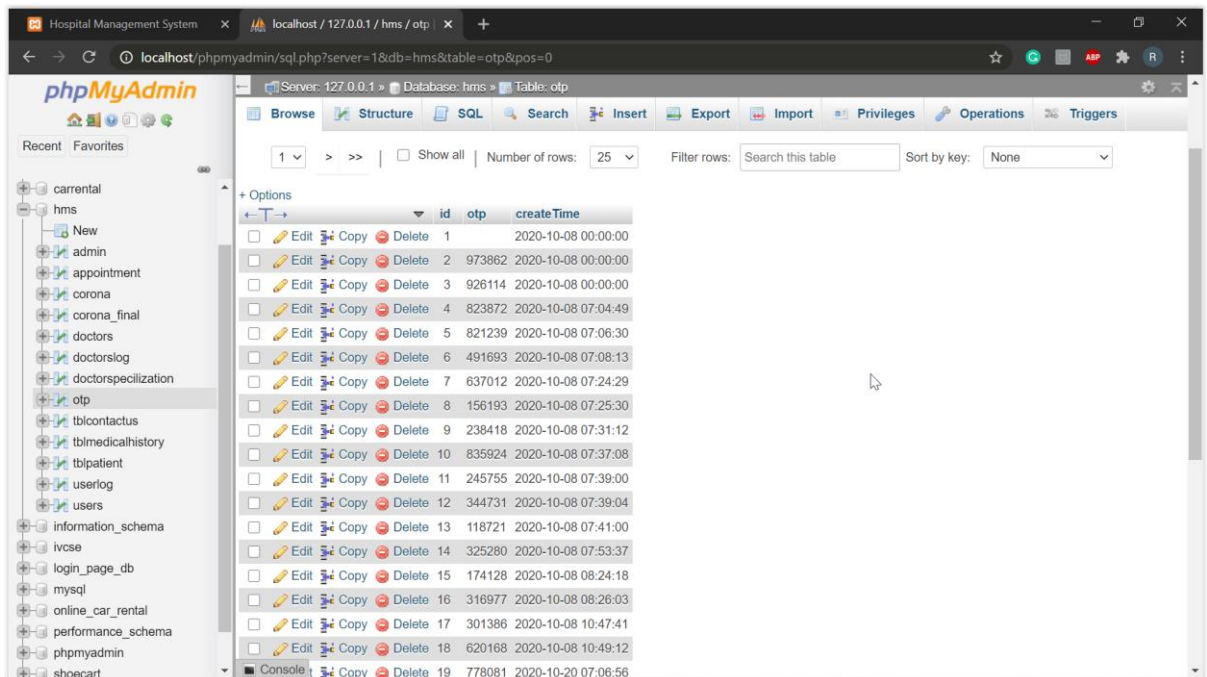
Table 9: user\_log

user_id	name	login_time	logout_time
---------	------	------------	-------------

## Some screenshots of DATABASES: Corona



# OTP

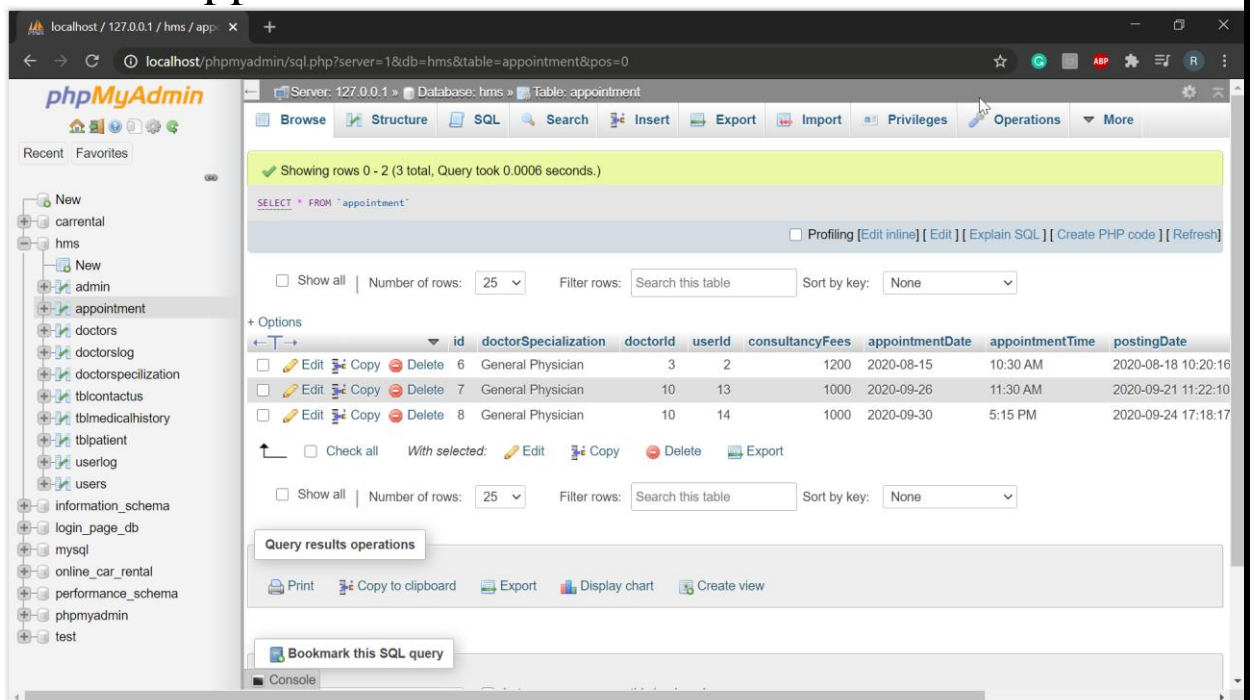


Server: 127.0.0.1 » Database: hms » Table: otp

Options: ☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	id	otp	createTime
<input type="checkbox"/>	1		2020-10-08 00:00:00
<input type="checkbox"/>	2	973862	2020-10-08 00:00:00
<input type="checkbox"/>	3	926114	2020-10-08 00:00:00
<input type="checkbox"/>	4	823872	2020-10-08 07:04:49
<input type="checkbox"/>	5	821239	2020-10-08 07:06:30
<input type="checkbox"/>	6	491693	2020-10-08 07:08:13
<input type="checkbox"/>	7	637012	2020-10-08 07:24:29
<input type="checkbox"/>	8	156193	2020-10-08 07:25:30
<input type="checkbox"/>	9	238418	2020-10-08 07:31:12
<input type="checkbox"/>	10	835924	2020-10-08 07:37:08
<input type="checkbox"/>	11	245755	2020-10-08 07:39:00
<input type="checkbox"/>	12	344731	2020-10-08 07:39:04
<input type="checkbox"/>	13	118721	2020-10-08 07:41:00
<input type="checkbox"/>	14	325280	2020-10-08 07:53:37
<input type="checkbox"/>	15	174128	2020-10-08 08:24:18
<input type="checkbox"/>	16	316977	2020-10-08 08:26:03
<input type="checkbox"/>	17	301386	2020-10-08 10:47:41
<input type="checkbox"/>	18	620168	2020-10-08 10:49:12
<input type="checkbox"/>	19	778081	2020-10-20 07:06:56

# Doctor Appointments



Server: 127.0.0.1 » Database: hms » Table: appointment

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

SELECT \* FROM `appointment`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	id	doctorSpecialization	doctorId	userId	consultancyFees	appointmentDate	appointmentTime	postingDate
<input type="checkbox"/>	6	General Physician	3	2	1200	2020-08-15	10:30 AM	2020-08-18 10:20:16
<input type="checkbox"/>	7	General Physician	10	13	1000	2020-09-26	11:30 AM	2020-09-21 11:22:10
<input type="checkbox"/>	8	General Physician	10	14	1000	2020-09-30	5:15 PM	2020-09-24 17:18:17

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

☐ Print ☐ Copy to clipboard ☐ Export ☐ Display chart ☐ Create view

Bookmark this SQL query

Console

# Patient Records:

The screenshot shows the phpMyAdmin interface with the 'tblpatient' table selected. The table contains 10 rows of patient data. The left sidebar shows the database structure with 'tblpatient' highlighted. The top navigation bar includes options like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, and Operations. The table data is as follows:

ID	Docid	PatientName	PatientContno	PatientEmail	PatientGender	PatientAdd	PatientAge	PatientMedhis
1	1	Manisha Jha	4558968789	test@gmail.com	Female	J&K Block J-127, Laxmi Nagar New Delhi	26	She is diabetic patient
2	5	Raghu Yadav	9797977979	raghu@gmail.com	Male	ABC Apartment Mayur Vihar Ph-1 New Delhi	39	No
3	7	Mansi	9878978798	jk@gmail.com	Female	*fdghj	46	No
4	7	Manav Sharma	9888968989	sharma@gmail.com	Male	L-56, Ashok Nagar New Delhi-110096	45	He is long suffered by asthma
5	9	John	1234567890	john@test.com	male	Test	25	This is sample text for testing.
6	10	rahul	3456787654	rohit@gmail.com	male	Vellore	23	Diabetic

# Userlogs:

Admin | Dashboard

localhost / 127.0.0.1 » hms / user »

localhost/phpmyadmin/sql.php?server=1&db=hms&table=userlog&pos=0

phpMyAdmin

Recent Favorites

New

currental

hms

New

admin

appointment

corona

doctors

doctorslog

doctorspecialization

tblcontactus

tblmedicalhistory

tblpatient

userlog

users

information\_schema

login\_page\_db

mysql

online\_car\_rental

performance\_schema

phpmyadmin

test

Server: 127.0.0.1 » Database: hms » Table: userlog

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

More

<input type="checkbox"/>	Edit	Copy	Delete	24	2	test@gmail.com	0x3a3a3100000000000000000000000000	2020-08-18 10:18:40	18-08-2020 11:51:08 AM	1
<input type="checkbox"/>	Edit	Copy	Delete	25	NULL	Rohan	0x3a3a3100000000000000000000000000	2020-09-02 08:14:11	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	26	NULL	Saritha	0x3a3a3100000000000000000000000000	2020-09-02 08:15:17	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	27	NULL	Saritha	0x3a3a3100000000000000000000000000	2020-09-02 08:15:46	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	28	NULL	Saritha	0x3a3a3100000000000000000000000000	2020-09-02 08:19:40	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	29	11	test169@gmail.com	0x3a3a3100000000000000000000000000	2020-09-02 08:38:11	02-09-2020 10:09:43 AM	1
<input type="checkbox"/>	Edit	Copy	Delete	30	10	test70@gmail.com	0x3a3a3100000000000000000000000000	2020-09-02 08:40:21	02-09-2020 10:10:55 AM	1
<input type="checkbox"/>	Edit	Copy	Delete	31	12	test21@gmail.com	0x3a3a3100000000000000000000000000	2020-09-02 08:42:36	02-09-2020 10:13:21 AM	1
<input type="checkbox"/>	Edit	Copy	Delete	32	12	test21@gmail.com	0x3a3a3100000000000000000000000000	2020-09-02 08:48:35	02-09-2020 10:18:45 AM	1
<input type="checkbox"/>	Edit	Copy	Delete	33	13	rohit@gmail.com	0x3a3a3100000000000000000000000000	2020-09-21 11:21:28	21-09-2020 12:52:39 PM	1
<input type="checkbox"/>	Edit	Copy	Delete	34	NULL	rahul	0x3a3a3100000000000000000000000000	2020-09-21 11:40:04	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	35	NULL	rtt	0x3a3a3100000000000000000000000000	2020-09-24 14:47:49	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	36	NULL	bmh	0x3a3a3100000000000000000000000000	2020-09-24 14:54:37	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	37	14	rohit1@gmail.com	0x3a3a3100000000000000000000000000	2020-09-24 16:35:47	24-09-2020 06:49:35 PM	1
<input type="checkbox"/>	Edit	Copy	Delete	38	NULL	rohit	0x3a3a3100000000000000000000000000	2020-09-24 17:39:01	NULL	0
<input type="checkbox"/>	Edit	Copy	Delete	39	14	rohit1@gmail.com	0x3a3a3100000000000000000000000000	2020-09-24 17:39:14	NULL	1
<input type="checkbox"/>	Edit	Copy	Delete	40	14	rohit1@gmail.com	0x3a3a3100000000000000000000000000	2020-09-25 08:28:17	25-09-2020 09:58:43 AM	1
<input type="checkbox"/>	Edit	Copy	Delete	41	14	rohit1@gmail.com	0x3a3a3100000000000000000000000000	2020-09-25 09:14:41	25-09-2020 10:47:09 AM	1

localhost/phpmyadmin/tbl\_get\_field.php?db=hms&table=userlog&where\_d...

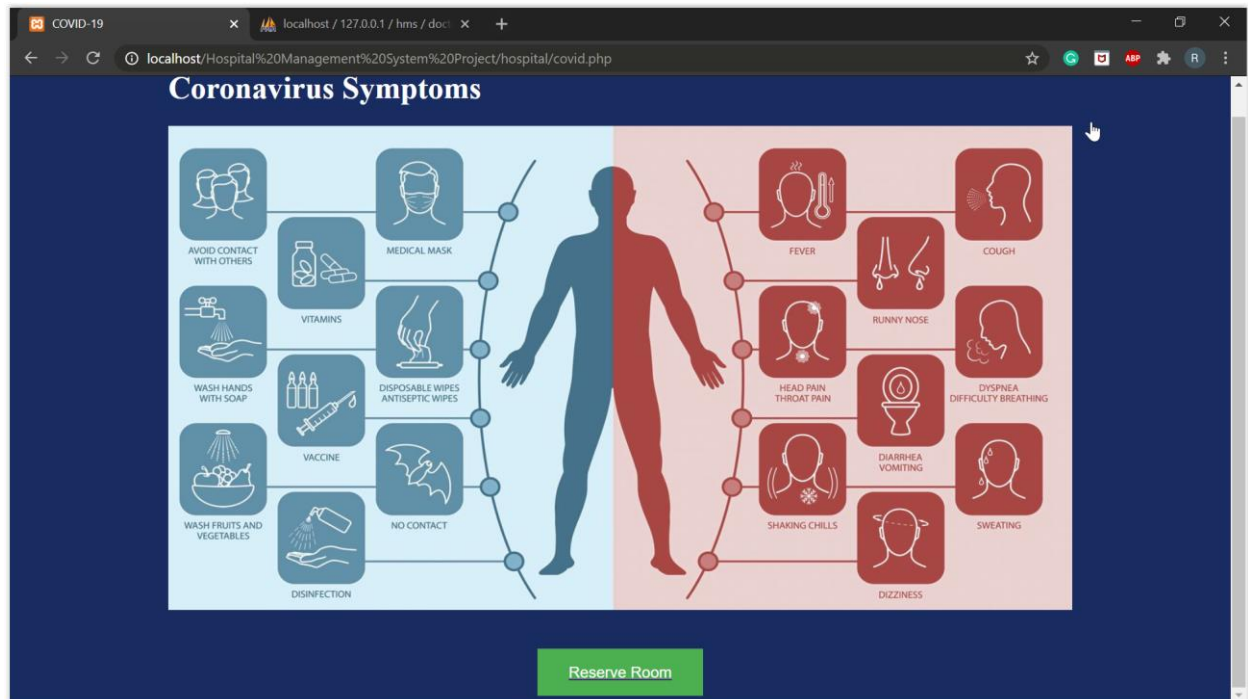


## 6. Module Implementation Screenshots

### Home Page:



## Covid Symptoms page:



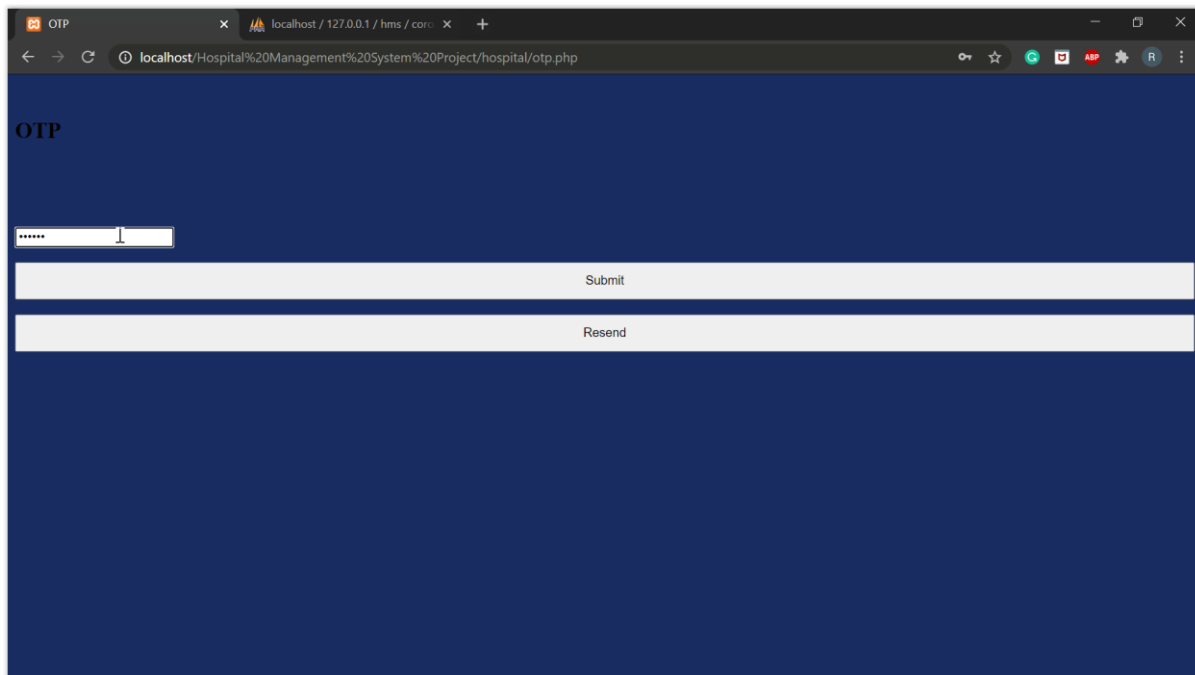
## Room registration page:

The screenshot shows a web browser window with the URL `localhost/Hospital%20Management%20System%20Project/hospital/room.php`. The page is titled "Registration Form" and includes a link "Login...If Already Registered". The form fields are as follows:

- Full Name:** Rohan Allen
- Email:** rohanallen18@gmail.com
- Gender:** ☒ Male ☐ Female
- Blood Type:** ☒ A+ ☐ A- ☐ B+ ☐ B- ☐ 0+ ☐ 0- ☐ AB+ ☐ AB-
- Booking Date:** 31-10-2020
- Password:** \*\*
- Confirm Password:** \*\*

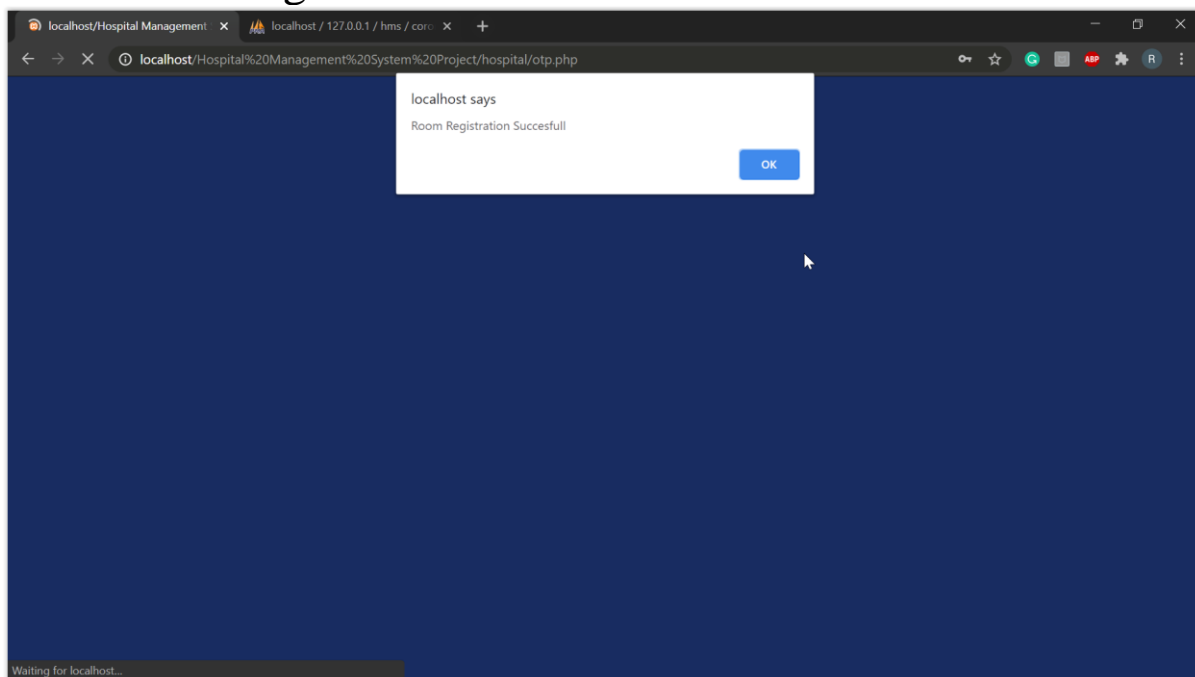
A green "Register" button is at the bottom. A red circle with a virus icon and a slash is on the right side of the page.

## OTP Page:



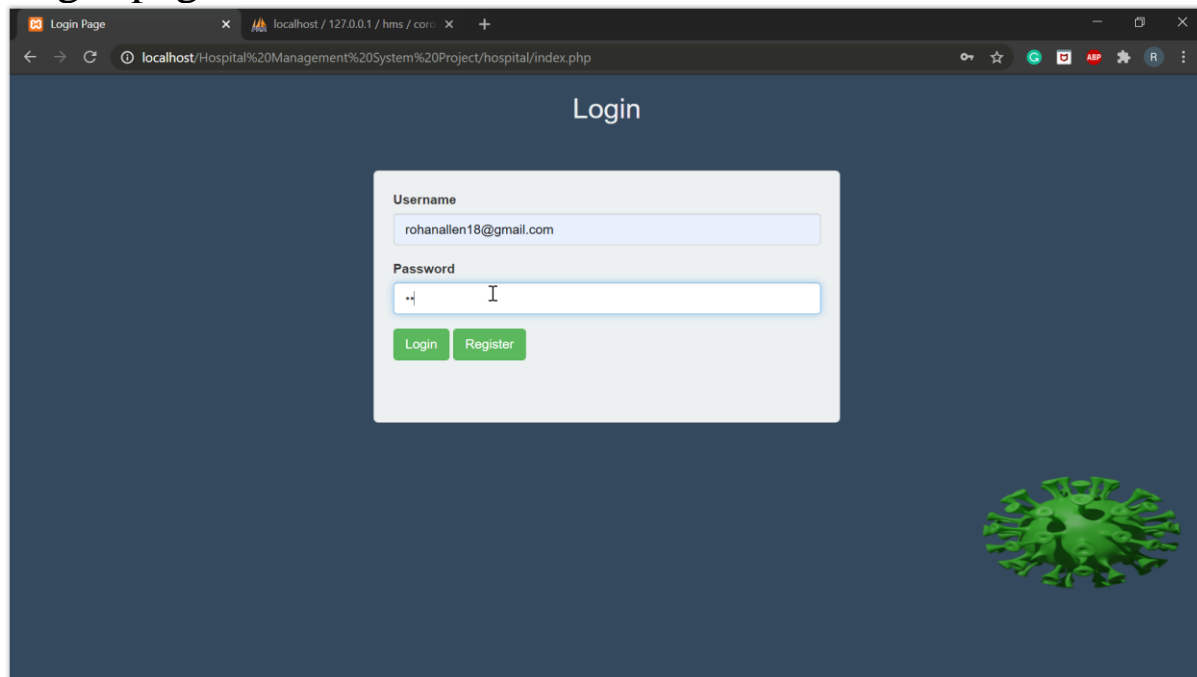
A screenshot of a web browser displaying the OTP (One-Time Password) page. The browser's address bar shows the URL: `localhost/Hospital%20Management%20System%20Project/hospital/otp.php`. The page has a dark blue background. At the top left, the text "OTP" is displayed. Below it, there is a white input field containing six asterisks. Underneath the input field are two white buttons: "Submit" and "Resend".

## Success message:

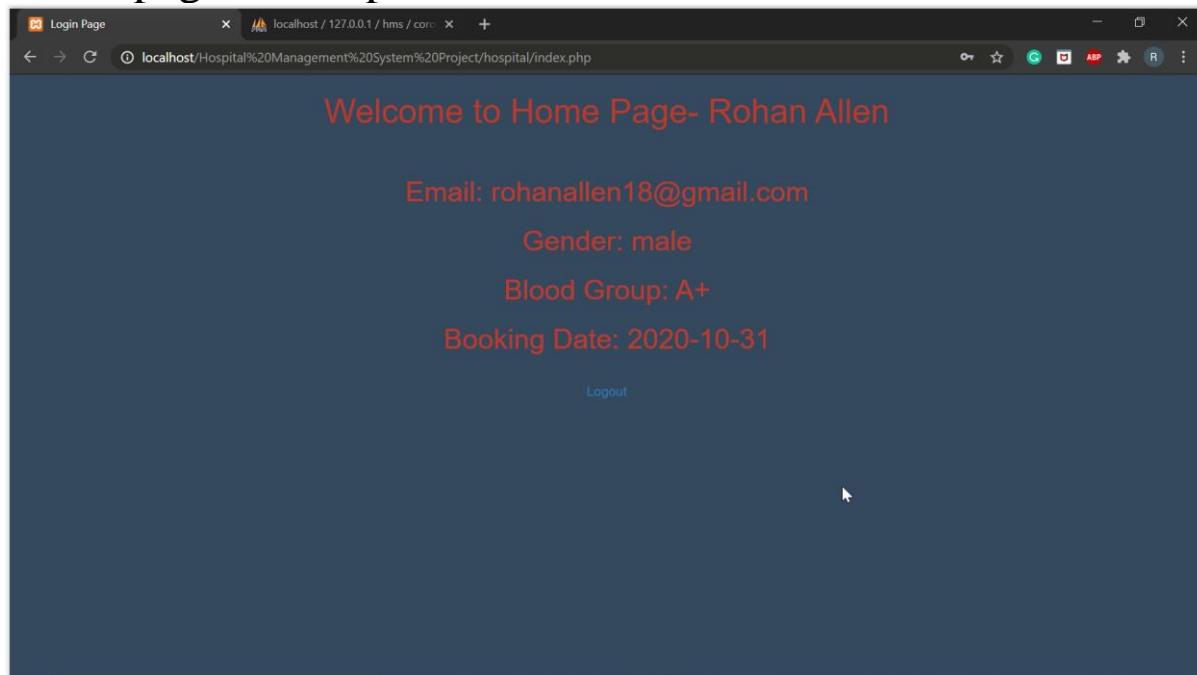




## Login page with animation:



## Home page where patient can view details.



## **7. Conclusion**

Medical clinic Management System gives the advantages of smoothed out activities, upgraded organization and control, persistent consideration, cost control and improved benefit insightful. HMS is ground-breaking, adaptable, and simple to utilize and is planned and created to convey undeniably more advantages to clinics. Likewise, it is sponsored by solid and trustworthy help. The venture 'Medical clinic Management System' depends on the information base, object situated and PHP procedures. As there are numerous territories where we save the records in information base for which we are utilizing MY SQL programming which is truly outstanding and the simplest programming to keep our data. This task utilizes PHP as the front-end programming which is an Object-Oriented Programming and has network with MY SQL

## **8. Future Work**

There are different fields where we can improve our site. With the continuous Coronavirus pandemic, our included Covid tab which rapidly shows the accessibility of beds in the clinic for segregation after enlisting a structure, which takes essential client subtleties to cross-check with the current manifestations can be a distinct advantage whenever actualized to a more extensive degree. Usage of this element can not just dodge the further spread of the infection, yet can give a simple security measure to the individuals who need it and can eventually forestall passing.

## 9. Reference

<https://www.webslesson.info/2016/03/how-to-use-ajax-with-php-for-login-with-shake-effect.html>

<https://phppot.com/php/php-login-with-otp-authentication/>

<https://phppot.com/php/user-login-session-timeout-logout-in-php/>

<https://phpgurukul.com/hostel-management-system/>

<https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js>

<https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css>

<https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js>

## 11. Appendix 1

Room.php

```
<!DOCTYPE HTML>
<html>
<head>
<title>COVID-19</title>
<!-- goes to the Login_Page_css folder and then gets the Login_Page.css file from that folder-->
<link rel="stylesheet" href="Login_Page.css">
<script type="text/javascript" src="date.js"></script>
</head>
<style>
#signup_btn{
background-color: #4CAF50; /* Green */
border: none;
color: white;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin: 4px 2px;
cursor: pointer;
display: block;
margin-left: auto;
margin-right: auto;
}
img{
width: 230px;
height: 130px;
position: absolute;
top: 55px;
right: 16px;
animation-name: corona;
animation-iteration-count: infinite;
animation-duration: 5s;
}
@keyframes corona {
0% {right:16px; top:50px;}
50% {right:16px; top:450px;}
100% {right:16px; top:50px;}
}
p{
top: 10px;
float:left;
}
</style>
<body style="background-color:#182C61;">
<a href="index.php"><p style="color:#ecf0f1;">Login...If Already Registered</p></a>
<div id="main-wrapper" style="background-color:#e74c3c;">
<center>
<h2> Registration Form</h2>
```

```
<!-- goes to the Login_Page_img folder and then gets the manu.png pic from that folder-->
</center>
<form class="myform" method="post" action="process.php">
<br>
<label> <b>Full Name:</b></label>
<br>
<br>
<input name ="fullname" type="text" class="inputvalues" placeholder="Enter Full Name" required/>
<br>
<br>
<label> <b>Email:</b></label>
<br>
<br>
<input name ="email" type="text" class="inputvalues" placeholder="Enter Email" required/>
<br>
<br>
<label> <b>Gender:</b></label>
<br>
<input type="radio" class="radiobtns" name="gender" value="male" checked required>Male
<input type="radio" class="radiobtns" name="gender" value="female" required>Female
<br>
<br>
<label> <b>Blood Type:</b></label>
<br>
<input type="radio" class="radiobtns" name="blood" value="A+" checked required>A+
<input type="radio" class="radiobtns" name="blood" value="A-" required>A-
<input type="radio" class="radiobtns" name="blood" value="B+" required>B+
<input type="radio" class="radiobtns" name="blood" value="B-" required>B-
<input type="radio" class="radiobtns" name="blood" value="O+" required>O+
<input type="radio" class="radiobtns" name="blood" value="O-" required>O-
<input type="radio" class="radiobtns" name="blood" value="AB+" required>AB+
<input type="radio" class="radiobtns" name="blood" value="AB-" required>AB-
<br>
<br>
<label> <b>Booking Date:</b></label>
<br>
<input name ="date" type="date" id="checkin" class="inputvalues" placeholder="Enter Date"
onclick="setCheckIn();" required/>
<br>
<br>
<label> <b> Password:</b></label>
<br>
<input name ="password" type="password" class="inputvalues" placeholder="Enter Password"
required/>
<br><br>
<label> <b> Confirm Password:</b></label>
<br>
<input name ="cpassword" type="password" class="inputvalues" placeholder="Re-enter Password"
required/>
<br><br>

<!-- type submit so that data is submitted to server on clicking button, method is post instead of get so
that the user data is not shown in url space-->
<input name ="submit_btn" type="submit" id="signup_btn" value="Register"/>

<br>
```

```

</form>
</div>
<a href="index.html">

</a>
</body>
</html>

```

Process.php

```

<?php
session_start();
date_default_timezone_set("Asia/Dubai");
$con = mysqli_connect("localhost","root","") or die("Unable to Connect");
mysqli_select_db($con,'hms');
if(isset($_POST['submit_btn']))
{
$password = $_POST['password'];
$cpassword = $_POST['cpassword'];
if($password==$cpassword)// to validate
{
$email=$_POST['email'];
$_SESSION['fullname']=$_POST['fullname'];
$_SESSION['email']=$_POST['email'];
$_SESSION['gender']=$_POST['gender'];
$_SESSION['blood']=$_POST['blood'];
$_SESSION['date']=$_POST['date'];
$_SESSION['password']=$_POST['password'];
//$_SESSION['otp']=$rndno;
$query="select * from corona WHERE email='$email' AND date>= CURRENT_DATE";
$query_run = mysqli_query($con,$query);// to actually connect and stores all info(rows) regarding that
username
if(mysqli_num_rows($query_run)>0)
{
        echo "<script type='text/javascript'>alert('User Already Registered... Please use different email');
window.location='room.php';
</script>";
}
else{
$rndnoa=rand(100000, 999999);//OTP generate
$_SESSION['otp']=$rndno;
$date = date('Y-m-d H:i:s');
$query="insert into otp values('','$rndnoa','$date')";
$query_run = mysqli_query($con,$query);// to actually connect and insert
if(!$query_run)// if insertion unsuccessful
{
        echo '<script> alert("Server Error... Please try again Later")</script>';
}
$message = urlencode("otp number.".$rndno);
$to=$_POST['email'];
$subject = "OTP";
$txt = "OTP: ".$rndno."";
$headers = "From: allenrohan82@gmail.com";
mail($to,$subject,$txt,$headers);
header( 'location:otp.php' );
}
}

```

```

}
}
else
{
    echo "<script type='text/javascript'>alert('Passwords dont Match... Please Re-enter Password');
window.location='room.php';
</script>";
    //header( 'location:room.php' );
    //echo '<script> alert("Passwords dont Match... Please Re-enter Password")</script>';
}
}
?>

```

Otp.php

```

<?php
session_start();
date_default_timezone_set("Asia/Dubai");
$con = mysqli_connect("localhost","root","") or die("Unable to Connect");
mysqli_select_db($con,'hms');
if(isset($_POST['save']))
{
    $rno=$_SESSION['otp'];
    $urno=$_POST['otpvalue'];
    //if(!strcmp($rno,$urno))
    $query="select * from otp WHERE otp='$urno' AND NOW() <= DATE_ADD(createTime, INTERVAL
1 MINUTE)";
    $query_run = mysqli_query($con,$query);// to actually connect and stores all info(rows) regarding that
username
if(mysqli_num_rows($query_run)>0)// if username exists already in DB
{
    $fullname=$_SESSION['fullname'];
    $email=$_SESSION['email'];
    $gender=$_SESSION['gender'];
    $blood=$_SESSION['blood'];
    $date=$_SESSION['date'];
    $password=$_SESSION['password'];
    $encrypted_password = md5($password);
    //For admin if he want to know who is register
    $to="rohanallen188@gmail.com";
    $subject = "Thank you!";
    $txt = "Successfully Registered: ".$email;
    $headers = "From: allenrohan82@gmail.com";
    mail($to,$subject,$txt,$headers);
    $query="insert into corona
values('','$fullname','$email','$gender','$blood','$date','$encrypted_password)";
    $query_run = mysqli_query($con,$query);// to actually connect and insert
if($query_run)// if insertion successful
{
    echo "<script type='text/javascript'>alert('Room Registration Succesfull');
window.location='index.php';
</script>";
    //echo '<script> alert("Room Registration Succesfull")</script>';
    //header( 'location:index.php' );
}
else

```

```

{
    echo '<script> alert("Server Error... Please try again Later")</script>';
}

}

else{
    echo "<script type='text/javascript'>alert('OTP Expired/ Invalid OTP... Please Login Again');
window.location='room.php';
</script>";
//echo '<script> alert("OTP Expired... Please Login Again")</script>';
//header( 'location:room.php' );
}
}
//resend OTP
if(isset($_POST['resend']))
{
    $rno=$_SESSION['otp'];
    $to=$_SESSION['email'];
    $subject = "OTP";
    $txt = "OTP: ".$rno."";
    $headers = "From: allenrohan82@gmail.com";
    mail($to,$subject,$txt,$headers);
}
?>
<!DOCTYPE html>
<html>
<header>
<title>OTP</title>
<style>
</form>
</div>
</body>
</html>

Index.php
<?php
//index.php
session_start();
if(isset($_SESSION["username"]))
{
    header("location:home.php");
}
?>
<html>
<head>
<meta name="viewport" content="initial-scale=1.0, user-scalable=no">
<meta charset="utf-8">
<title>Login Page</title>
<script src="http://code.jquery.com/jquery-2.1.1.js"></script>
<script src="//code.jquery.com/ui/1.11.1/jquery-ui.js"></script>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"
/>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
<style>
#box

```



```

{
width:100%;
max-width:500px;
border:1px solid #ccc;
border-radius:5px;
margin:0 auto;
padding:0 20px;
box-sizing:border-box;
height:270px;
}
img{
width: 230px;
height: 130px;
position: absolute;
top: 55px;
right: 16px;
animation-name: corona;
animation-iteration-count: infinite;
animation-direction: alternate-reverse;
animation-duration: 5s;
}
@keyframes corona {
0% {right:16px; top:50px;}
35% {right:16px; top:450px;}
70% {right:966px; top:450px;}
100% {right:966px; top:50px;}
}
</style>
</head>
<body style="background-color:#34495e">
<div class="container">
<h2 align="center" style="color:#ecf0f1;">Login</h2><br /><br />
<div id="box" style="background-color:#ecf0f1;" >
<br />
<form method="post">
<div class="form-group">
<label>Username</label>
<input type="text" name="username" id="username" class="form-control" />
</div>
<div class="form-group">
<label>Password</label>
<input type="password" name="password" id="password" class="form-control" />
</div>
<div class="form-group">
<input type="button" name="login" id="login" class="btn btn-success" value="Login" />
<a href="room.php"><input type="button" name="login" id="login" class="btn btn-success"
value="Register" />
</div>
<div id="error"></div>
</form>
<br />
</div>
</div>

</body>

```

</html>

<script>

```
$(document).ready(function(){
$('#login').click(function(){
    var username = $('#username').val();
    var password = $('#password').val();
    if($.trim(username).length > 0 && $.trim(password).length > 0)
    {
        $.ajax({
            url:"login.php",
            method:"POST",
            data:{ username:username, password:password},
            cache:false,
            beforeSend:function(){
                $('#login').val("connecting...");
            },
            success:function(data)
            {
                if(data)
                {
                    $("body").load("home.php").hide().fadeIn(1500);
                }
                else
                {
                    var options = {
                        distance: '40',
                        direction:'left',
                        times:'3'
                    }
                    $("#box").effect("shake", options, 800);
                    $('#login').val("Login");
                    $('#error').html("<span class='text-danger'>Invalid username or Password</span>");
                }
            }
        });
    }
    else
    {
        var options = {
            distance: '40',
            direction:'left',
            times:'3'
        }
        $("#box").effect("shake", options, 800);
        $('#login').val("Login");
        $('#error').html("<span class='text-danger'>Please Enter Credentials</span>");
    }
});
});
</script>
```

Login.php

<?php

//login.php

```

session_start();
$con = mysqli_connect("localhost","root","") or die("Unable to Connect");
// name of database
mysqli_select_db($con,'hms');
if(isset($_POST["username"]) && isset($_POST["password"]))
{
    $username = $_POST['username'];
    $password = $_POST['password'];
    $encrypted_password = md5($password);
    $query="select * from corona WHERE email='$username' AND password='$encrypted_password'";
    $query_run = mysqli_query($con,$query);// // to actually connect and stores all info(row)
    regarding that username and password combination

    if(mysqli_num_rows($query_run)>0)
    {
        $data = mysqli_fetch_array($query_run);
        $_SESSION["username"] = $data["email"];
        $_SESSION["name"] = $data["name"];
        $_SESSION["date"] = $data["date"];
        $_SESSION["gender"] = $data["gender"];
        $_SESSION["grp"] = $data["BloodGroup"];
        echo $data["email"];
    }
}
?>

```

Home.php

```

<html>
<head>
<meta name="viewport" content="initial-scale=1.0, user-scalable=no">
<meta charset="utf-8">
<title>Home Page</title>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
</head>
<body>
<div class="container">
<?php
//home.php
session_start();
$expireAfter = 1;

if(isset($_SESSION['last_action'])){

    $secondsInactive = time() - $_SESSION['last_action'];

    $expireAfterSeconds = $expireAfter * 60;

```

```

//Check to see if they have been inactive for too long.
if($secondsInactive >= $expireAfterSeconds){

    //echo '<script> alert("Session expired.... Please Login Again")</script>';
    echo "<script type='text/javascript'>alert('Session expired.... Please Login Again');
    window.location='index.php';
    </script>";
    session_unset();

    session_destroy();

    //header("location:index.php");
}

}

//Assign the current timestamp as the user's
//latest activity
$_SESSION['last_action'] = time();
if(!isset($_SESSION["username"]))
{
    header("location: index.php"); // #c0392b
}
echo '<h1 align="center" style="color:#c0392b;" style="font-style:bold;"> Welcome to Home Page-
' . $_SESSION["name"] . ' </h1> <br>';
echo '<h2 align="center" style="color:#c0392b;"> Email: ' . $_SESSION["username"] . ' </h2>';
echo '<h2 align="center" style="color:#c0392b;"> Gender: ' . $_SESSION["gender"] . ' </h2>';
echo '<h2 align="center" style="color:#c0392b;"> Blood Group: ' . $_SESSION["grp"] . ' </h2>';
echo '<h2 align="center" style="color:#c0392b;"> Booking Date: ' . $_SESSION["date"] . ' </h2> <br>';
echo '<p align="center" style="color:#c0392b;"><a href="logout.php">Logout</a></p>';
?>
</div>
</body>
</html>

```

