

PROFESSIONAL TRAINING REPORT

at

**Sathyabama Institute of Science and Technology
(Deemed to be University)**

**Submitted in partial fulfillment of the requirements for the award
of Bachelor of Engineering Degree in**

Information Technology

By

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**DEPARTMENT OF INFORMATION TECHNOLOGY
SCHOOL OF COMPUTING**

**SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

Accredited with Grade “A” by NAAC

JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119

DECEMBER 2020



SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(Established under Section 3 of UGC Act, 1956)
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SCHOOL OF COMPUTING

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **S.EMMANUEL CHARLES** (37120026) who carried out the project entitled “**PATIENT CARE SYSTEM**” under our supervision from JULY 2020 to DECEMBER 2020.

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Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I **S.EMMANUEL CHARLES** hereby declare that the Project Report entitled **PATIENT CARE SYSTEM** done by me under the guidance of **DR.Y.BEVISH JINILA** at **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** is submitted in partial fulfillment of the requirements for the award of Bachelor of Technology degree in **INFORMATION TECHNOLOGY**.

DATE:

PLACE:

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** for their kind encouragement in doing this project and for the completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T.SASIKALA M.E, Ph.D., Dean**, School of Computing, **Dr.SUBHASHINI M.E, Ph.D.**, Head of the Department of Information and Technology for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my project Guide **Dr.Y.BEVISH JINILA M.E, Ph.D.**, for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE



ABSTRACT

Patient Care project

Monitoring the patients is one that plays a major role in improving the health of the patients. Monitoring a particular patient for the whole day is difficult for the person who is taking care of them because sometimes they might be in the workstation. Sometimes the patient might not follow the advice of the doctor. This makes the patient health even worst. In this case, the patient care project plays a major role in improving the health of the patient. In this project, it has a remainder which remains the patient to take tablets on time as well as it also keeps tracking whether the patient had taken the tablets regularly. It remains whether the tabloid gets over a day before and it keeps updating the progress of the patient every day.

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CHAPTER 1

INTRODUCTION

There are many changes taking place in the health care sector. One of them is the database. The database in the health care sector plays an important part in running the entire operations. Such systems include lab, patient identification, tracking, billing, payments, and in many other ways. The reality is that almost everything runs on a database system.

In short, a database is defined as any record that a practitioner maintains in paper form or on a computer. It does not matter whether it is a sole practitioner or corporate bodies. With technology innovations, medical facilities are learning towards online transaction processing, thus doing away with paper. The health care system generates data that requires delicate handling. A patient's life depends on this information and it is therefore important for the Health care provider to be able to access it in the shortest time possible.

Database plays a major role in the health care sector such as exchange information, Monitoring and improving the value of Health care, Assessing the Quality of health care, tracking health care usage these are some major and important roles of the database in the health care sector.

1.1 DOMAIN OVERVIEW

Nowadays patient care plays a major problem in the Hospital as well as the person who takes care of the patient. For example, If the patient is admitted to the hospital it is well known that a particular person(ie.nurse) from that respective hospital will take care of that patient. If there is more than five patients are admitted to the hospital it is impossible for that particular person to take care of the patients at a particular time. Even if you take a person who is taking care of the patient in their home it's a difficult task because they have to go for the workstation

or they have a lot for work to do. They can't able to take care of the patient for the whole day. Apart from this reason, there is some patient who doesn't take care of their health for example they might skip taking their tablets on time or they might avoid taking tablets for some reasons. And there is some patient who avoids going for the regular checkup.

These are the major reason which affects the health of the patient as well as the major drawbacks for the hospitals.

1.2 OUTLINE OF THE PROJECT

In this project the Patient Care System will help the patient in improving the health as well it help the hospital and the people who take care of the patient. This project also does some admin work in the hospital such as collecting the data form the patient, doctors, as well as from the other staff who are working in the hospital, It can also register the appointment details of the patient, It tell how many doctors are available currently in the hospital this help to identify the doctor during the time of emergency situation as well as helps the doctor to track the health information of the patient. That's the main advantage of this project.

CHAPTER - 2

AIM AND SCOPE

2.1 AIM

The main aim of the patient care system is to help the patient in improving the health, It is also helps the doctor, nurse and others staff in maintaining the information and caring the patient. This reduces the work as well as it helps the hospital to improve their services better.

2.2 SCOPE

The scope of this project is to track the health of the patient and care for the patient in the presence or absence of the person who is taking care of them. This project is not only for the patient and it can also help the doctor and the hospital in some ways. This project will reduce the work in the hospitals as well as the person who is taking care of them.

2.3 EXISTING SYSTEM

The current system has lot of paper work. To maintain the records of patient as well as details like appointment date, Hospital staff details, emergency details, etc all depends upon the Time-consuming task. With the increase in database it will become a massive task to maintain the database. Instead of building large quantities of the file cabinets, the retrieval of records of previous registered patient will be a tedious task. Lack of security for the records, anyone disarrange the records of your system. If someone want to check the details of the available doctor the previous system does not provide any necessary details of this type.

All this work is done manually by the admin and other operational staff and lot of paper are needed to handled and taken care of those. Doctor have to

remember various medicines available for diagnosis and sometimes miss better alternative as they can't remember them at that time.

Advantages:

1. No extra training required.
2. Easy to implement.
3. Can be stored anywhere.
4. Requires minimum effort.

Disadvantage:

1. Needs lots of paper
2. Problem with maintenance
3. Volume of data becomes problem
4. Once data is burned it cannot be reproduced easily
5. Data handling is problem

CHAPTER - 3

EXPERIMENTAL OR MATERIALS AND METHODS

3.1 Software Requirements:

Operating System: Microsoft Windows.

3.2 Technologies Used:

Front End: HTML , CSS , Javascript

Web designing language: PHP

Back End: MySQL

APACHE HTTP Server

Application Programming Interface: Brackets

3.3 Hardware Requirements:

- ✓ Intel Pentium IV processor or Higher
- ✓ 512 MB RAM or Higher
- ✓ 20GB HDD or Higher
- ✓ Network Connectivity

3.4 Technology Overview :

PHP :

PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. PHP code is embedded into the HTML source document. Any PHP code in a requested file is executed by the PHP run time, usually to create dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP

can be deployed on many web servers and operating systems and can be used with many relational database management systems (RDBMS).

MySQL :

MySQL is a Relational Database Management System (RDBMS) that runs as a server providing multi-user access to several databases. MySQL is a popular choice of database for use in web applications and is an open-source product. The process of setting up a MySQL database varies from host to host, however, we will end up with a database name, a user name, and a password. Before using our database, we must create a table. A table is a section of the database for storing related information. In a table, we will set up the different fields which will be used in that table. Creating a table in phpMyAdmin is simple, we just type the name, select the number of fields, and click the 'go' button. we will then be taken to a setup screen where you must create the fields for the database.

Apache:

The Apache HTTP Server is a web server software notable for playing a key role in the initial growth of the World Wide Web. In 2009 it became the first web server software to surpass the 100 million web site milestone. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation. Since April 1996 Apache has been the most popular HTTP server software in use. As of November 2010, Apache served over 59.36% of all websites and over 66.56% of the first one million busiest websites. XAMPP XAMPP is a small and light Apache distribution containing the most common web development technologies in a single package. Its contents, small size, and portability make it the ideal tool for students developing and testing applications in PHP and MySQL. XAMPP is available as a free download in two specific packages: full and lite. While the full package download provides a wide array of development tools, XAMPP Lite contains the necessary technologies that meet the Ontario Skills Competition standards. The light version is a small package containing Apache HTTP Server, PHP, MySQL, phpMyAdmin, and SQLite.

3.5 Flow chart:

✓ Admin page

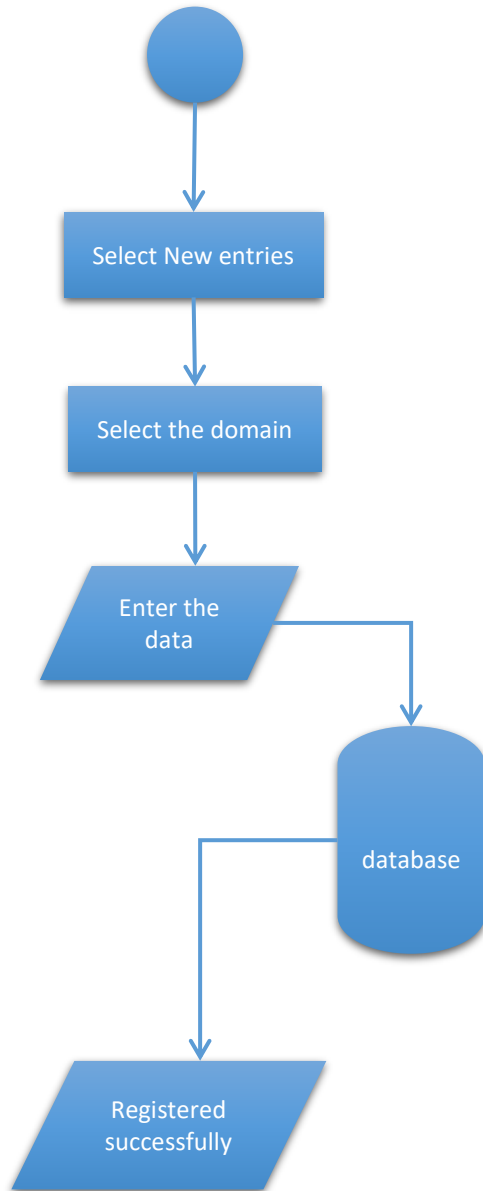


Fig 3.1: New entries

This new entry is used to collect the details of the patient, doctor, and other staff of that particular hospital and store the data in the

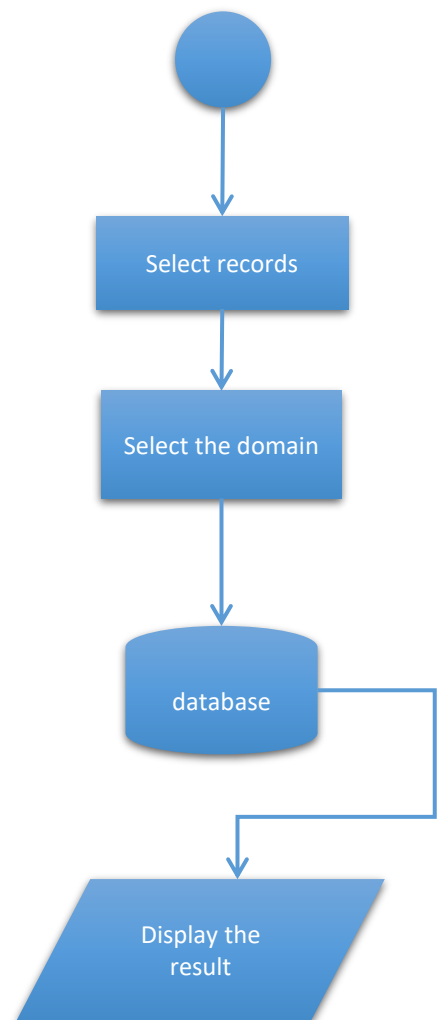


Fig 3.2: Record

This part will display the data of the patient, doctor, and other staff which are stored by the new entries

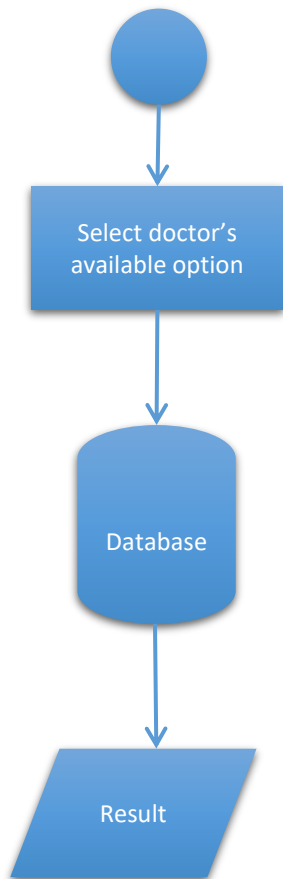


Fig 3.3: Doctor's Available

In this part, it will display to the admin, how many doctors available in the hospital on that day.

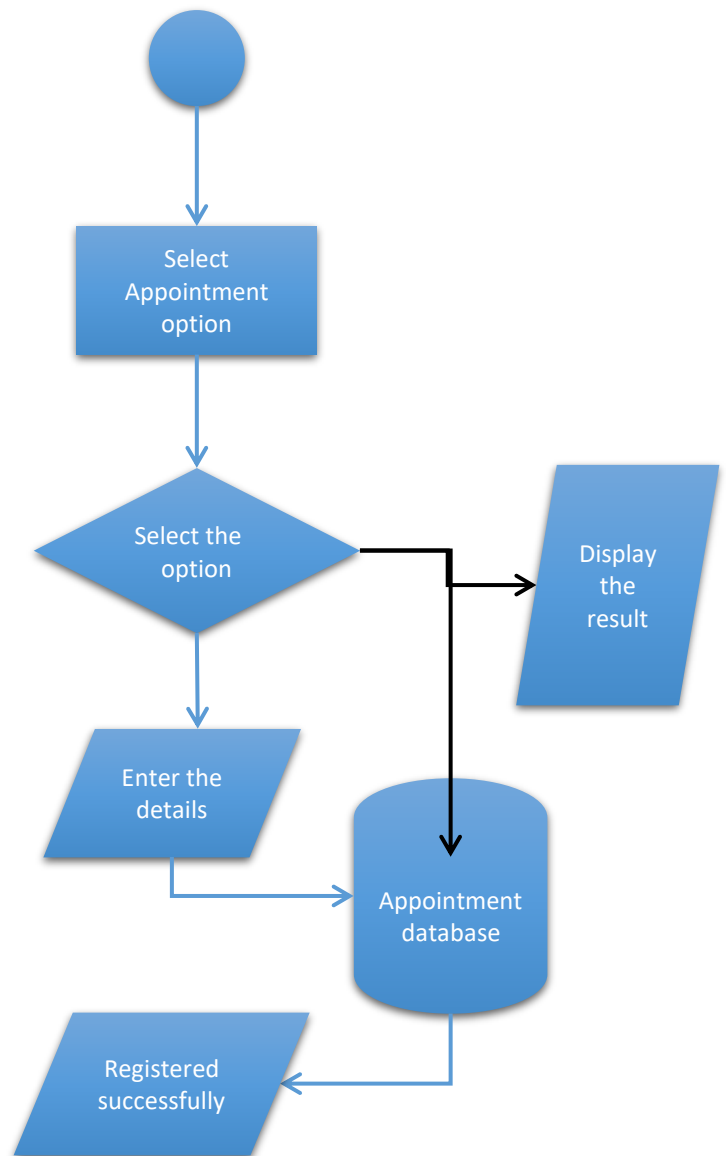


Fig 3.4: Appointment option

In this part, the admin has given the choice to enter the appointment date for the patient as well as admin can view the appointment list on that day. Appointment data are stored in a database.

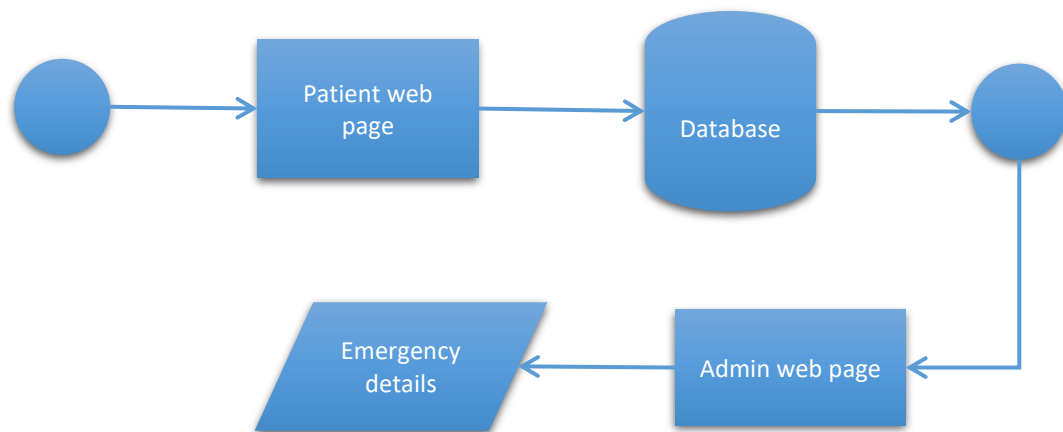


Fig 3.5: Emergency

In this part, it will display the patient name and resident details when the patient selects the emergency option from their login.

✓ **Doctor page**

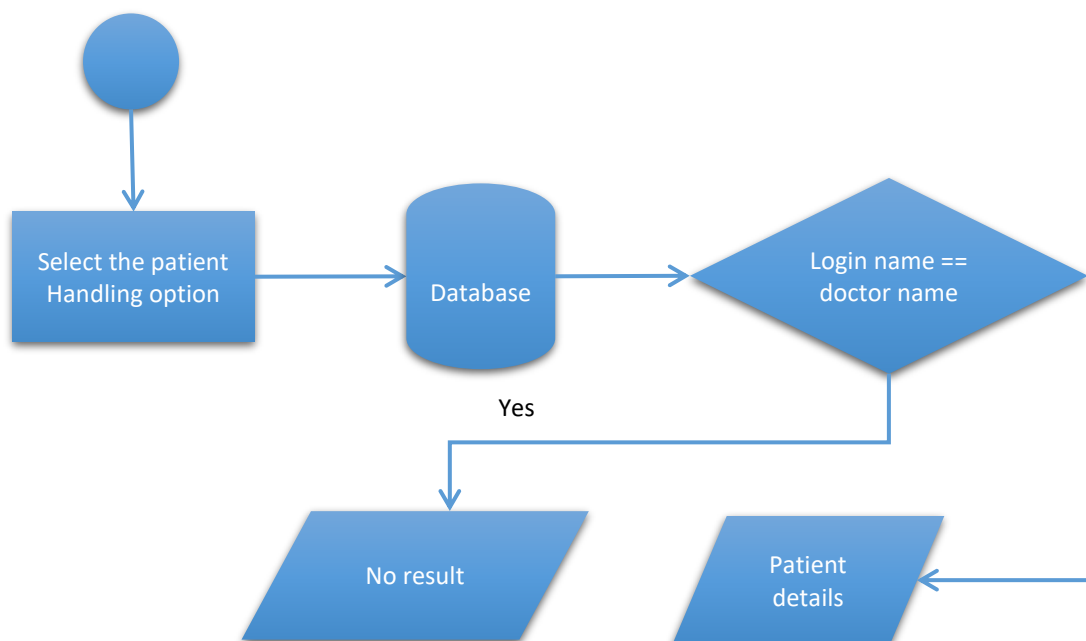


Fig 3.6:Patient Handling

In this part, it will display the list of patient details that matches the doctor name which is entered in the database

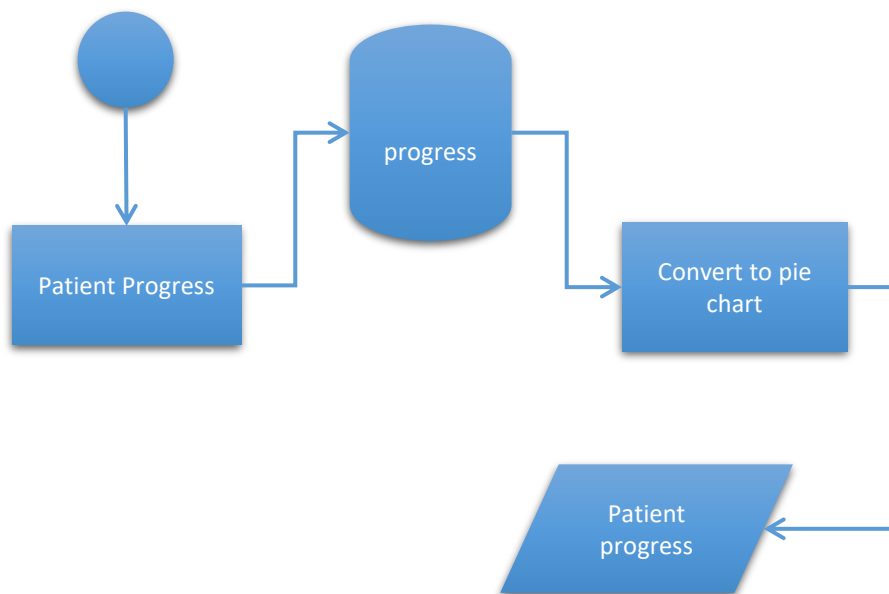


Fig 3.7: Patient progress

This part, it collects the details such as whether the patient takes the tablets regularly or not, all these details are collected and converted into a pie chart (using google pie chart) and it will display

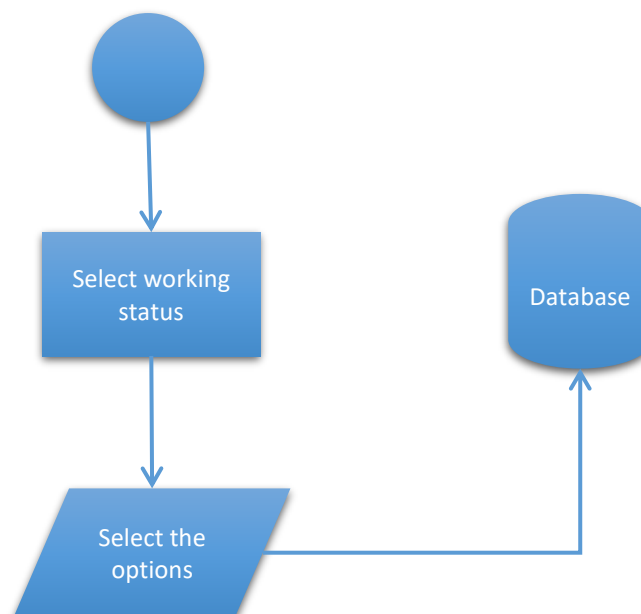


Fig 3.8: Working status

In this part, the doctor has given two options when he is present inside the hospital he can choose the "Available" option. If he leaves the hospital he can choose "Not Available". These choice are updated in the database

✓ **Patient page**

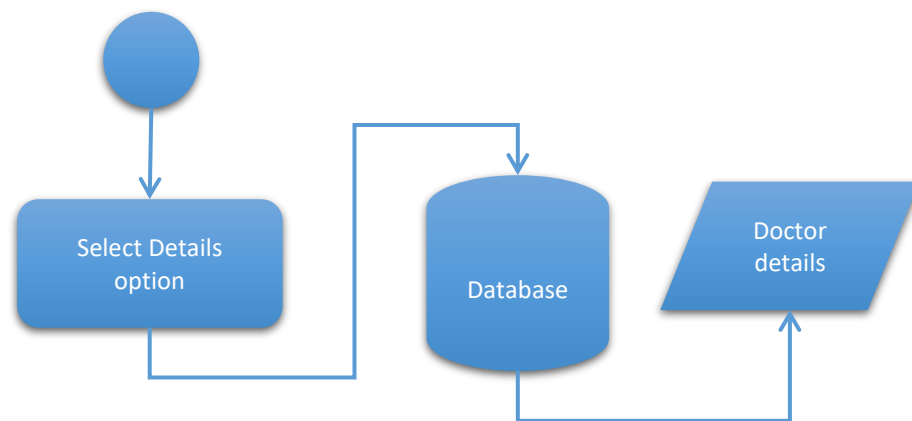


Fig 3.9:Details

In this part, it displays the details of the doctor who is handling for example doctor name, address, email id, phone no

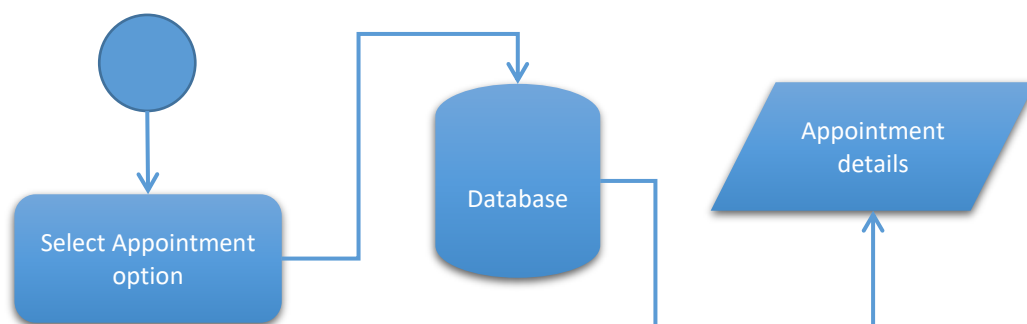


Fig 3.10 :Appointment

In this part, it displays the next appointment date

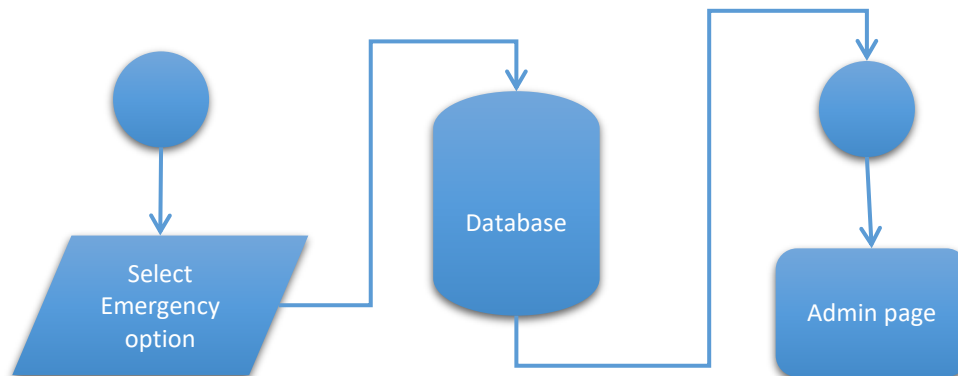


Fig 3.11: Emergency

This part is if a patient needs an emergency, it collects all the detail and display it to the admin emergency box

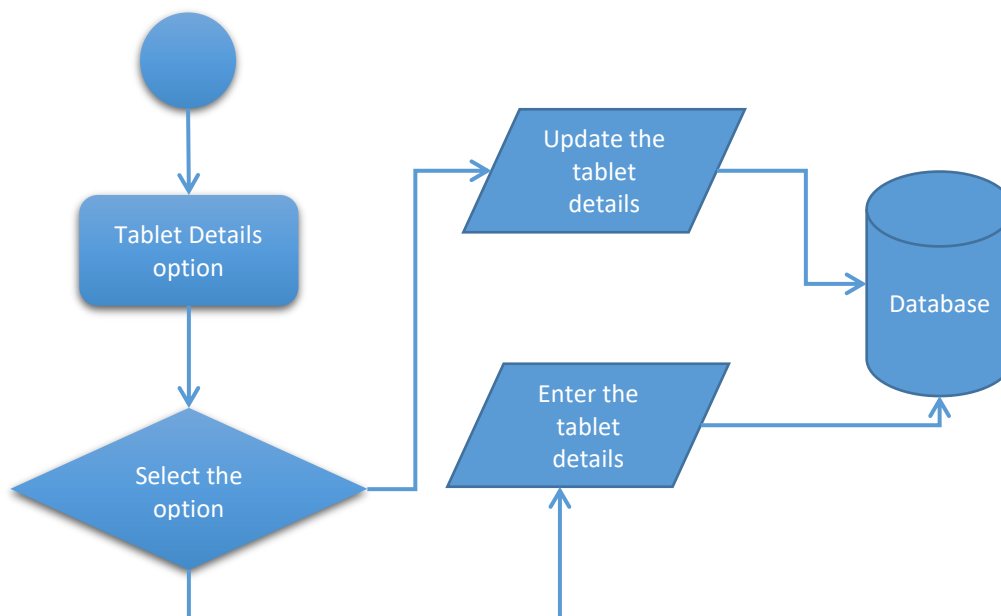


Fig 3.12: Tablet Details

In this part, the user has to provide the table details as well as set the tablet timing all the details are collected and stored in the database

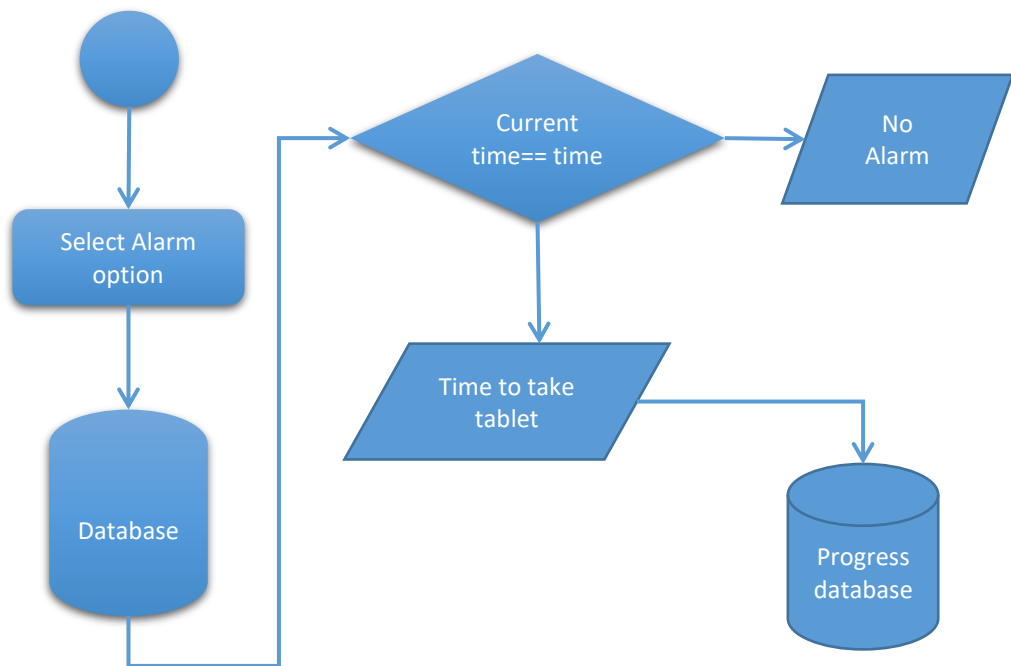
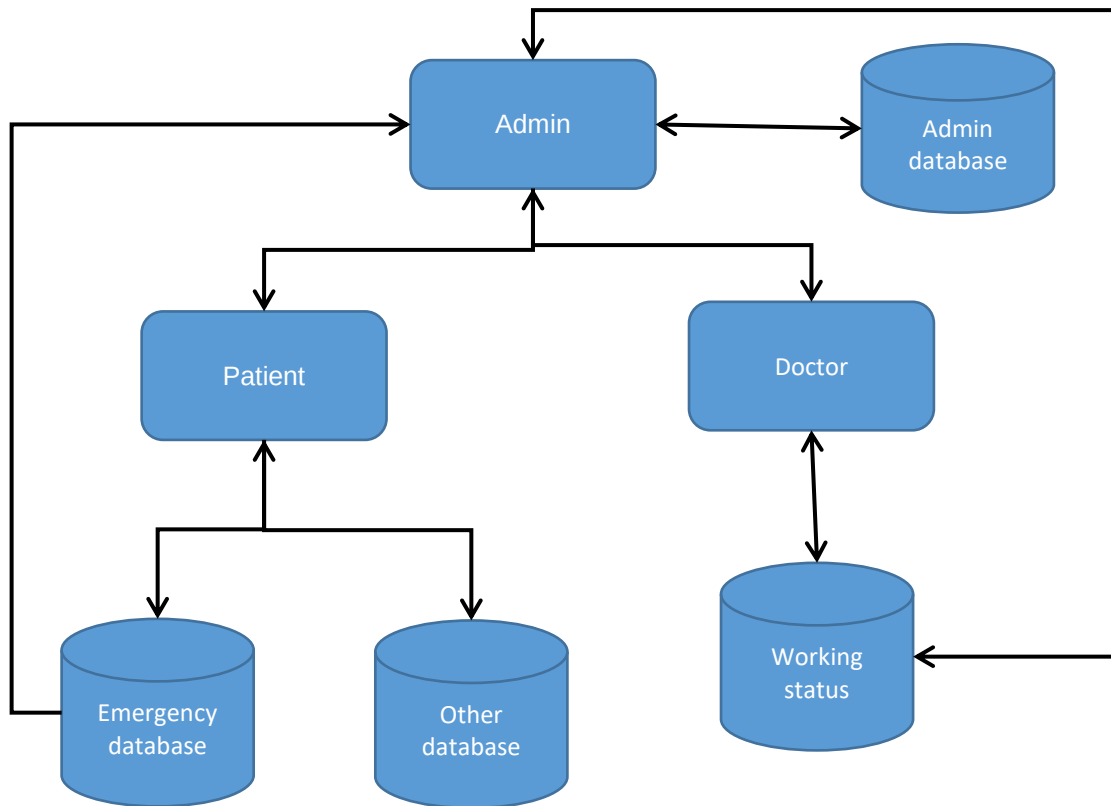


Fig 3.13: Alarm

This part alerts the patient to take a table at the given time after taking the table the patient has to select the “tablet taken” button that data are stored in the progress database.

3.6 SYSTEM ARCHTECTURE:



CHAPTER - 4

RESULT AND DISCUSSION

4.1 Processing and fetching the data from the database:

In this patient care project database plays a major role like registering the data into the database and fetching the data from the database and even In the emergency module database play a major role in altering from the patient side to the admin side. Here constant internet plays a major role. Even in the patient health tracking page the pie chart plays a major role in the database and provides a clear picture and better visualization. By this project, if we apply the Cloud base database instead of a temporary database (I.e. Xampp server) this project plays an impact or provides the basic platform to the upcoming patient care project. Since this project uses the database as a communication between the user and the server-side this will be updating faster as much as the communication through the mobile phone.

4.2 User Interface:

User interface plays a major role in all forms of application user infer must be well designed and the user must able to understand the product. In this project, the HTML, CSS, and Javascript play a major role in attractively designing the project. For example, in this project, comparing patient health using a pie chat is the best example of the user interface. Entering the name and the password attractively makes the user more comfortable as well as more attractive for the user who uses this product.

4.3 Constraints:

Every user must be comfortable using a computer. All the operations are written in the English language. So the user must have some basic knowledge of English. This product can be used only online hence there is a need for constant internet for better service.

SCREENSHOTS:

Admin part:

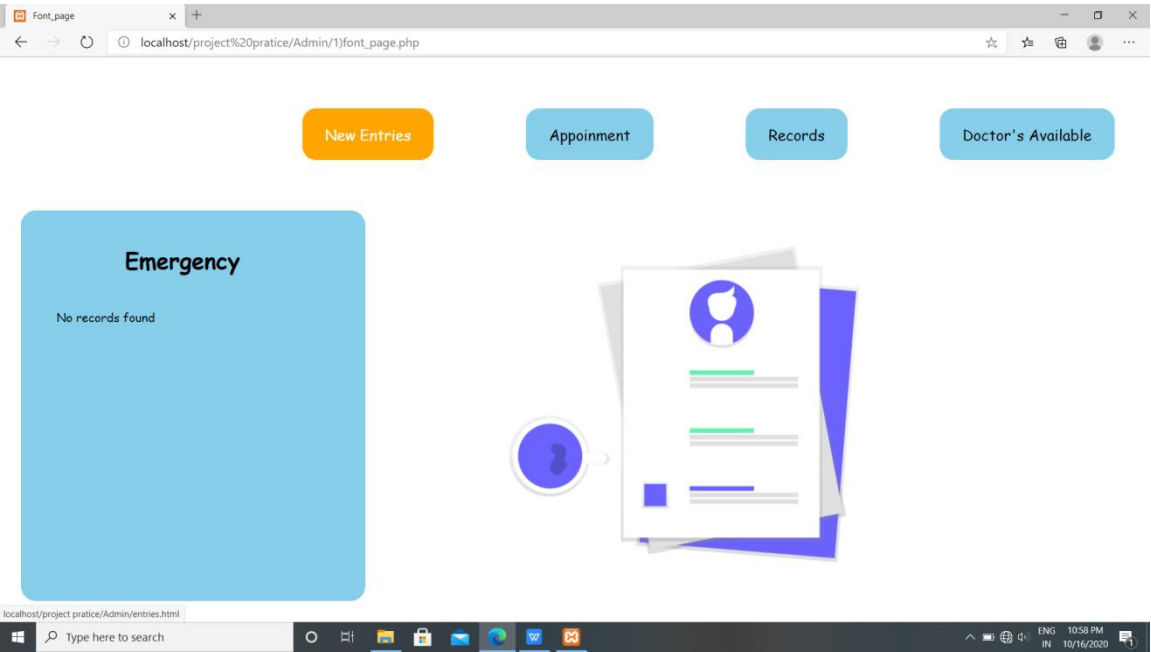


Fig 4.1: Entering the patient as well other details

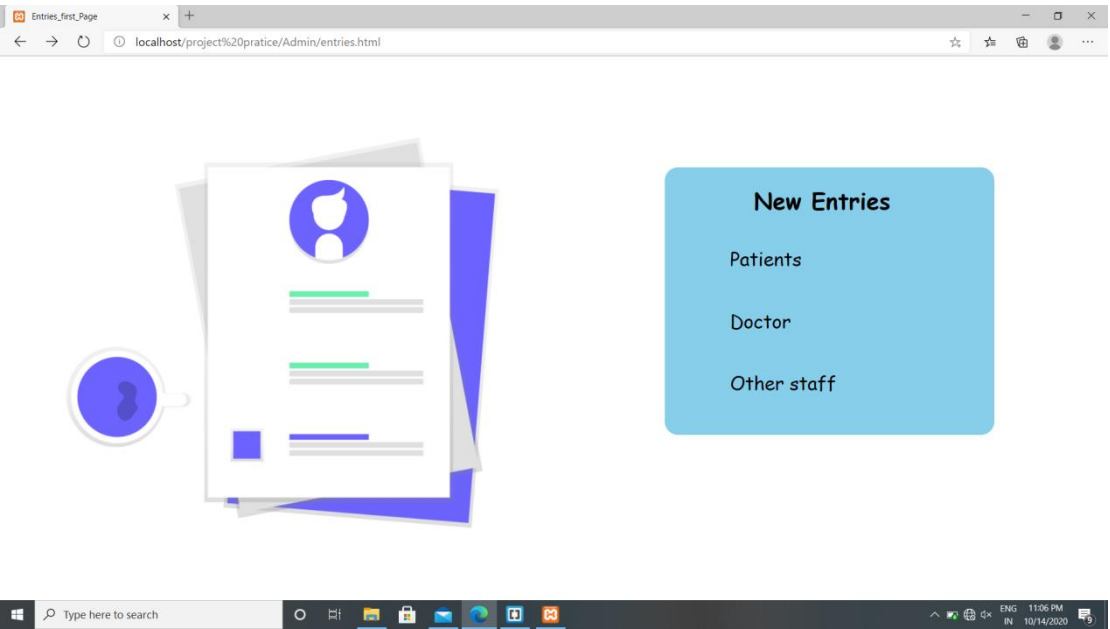


Fig 4.2: Select the category

HOME PAGE

Patient Entries

Patient Name

Doctor Name

Address

Phone No

Email

Password

Fig 4.3: Entering the Patient Details

PHPMYADMIN

Server: 127.0.0.1 Database: project2 Table: project

Recent Favorites

information_schema mysql performance_schema phpmyadmin project2 New appointment doctor emergency otherstaff patientactivity progress project tablets tabletime test

rows: 25 Filter rows: Search this table Sort by key: None

	Id	FirstName	DoctorName	Address	PhoneNo	Email	Password	Emergency	Etime	tab
Delete	29	charles	Dr John	114b gadhi nagar delhi-10	2147483647	charles@gmail.com	1146	2020-10-05	20:50:49	0
Delete	33	Steven	Dr John	114b annanagar chennai-60	9003171307	steven@gmail.com	1005	2020-10-14	23:03:33	0

With selected: Edit Copy Delete Export

rows: 25 Filter rows: Search this table Sort by key: None

Console S

Fig 4.4: Patient Database

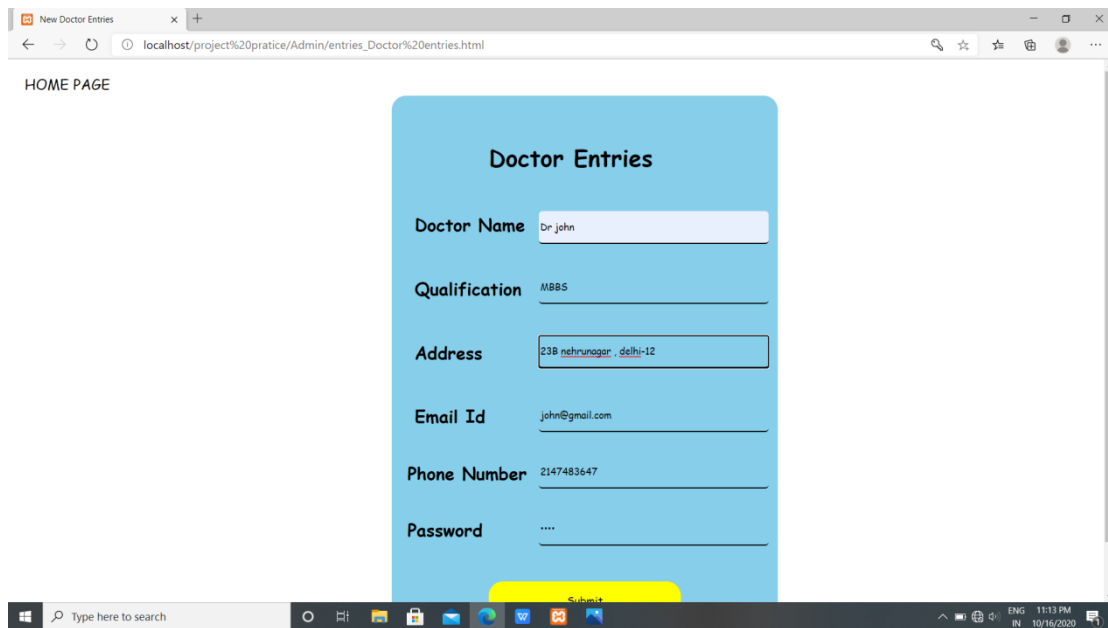


Fig 4.5: Entering the Doctor Details

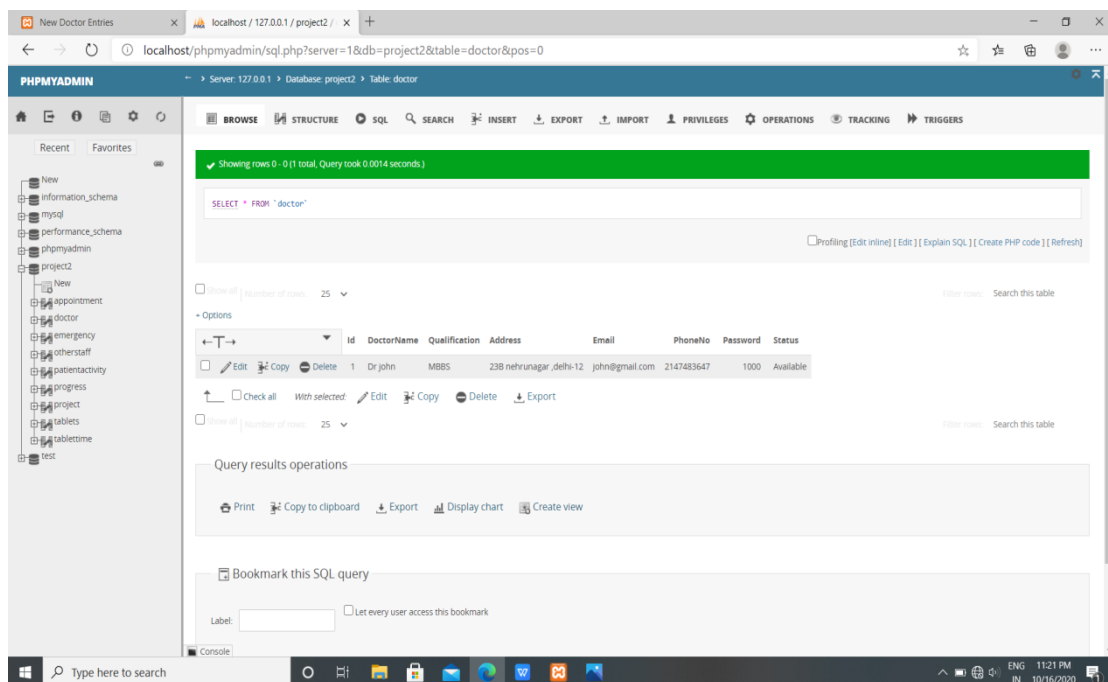


Fig 4.6: Doctor Database

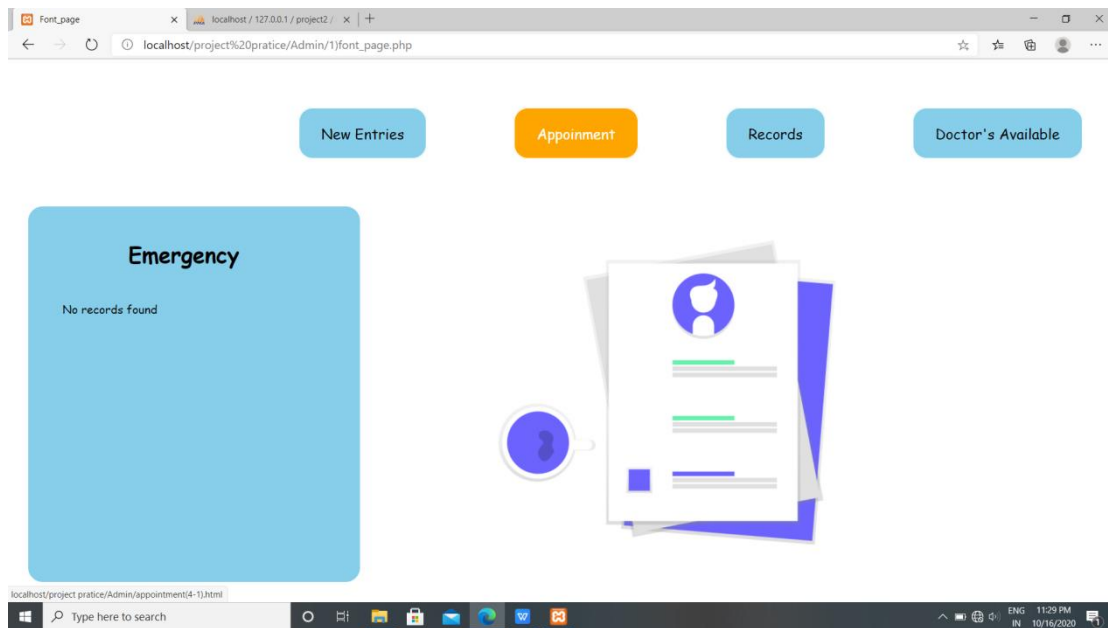


Fig 4.7: Appointment

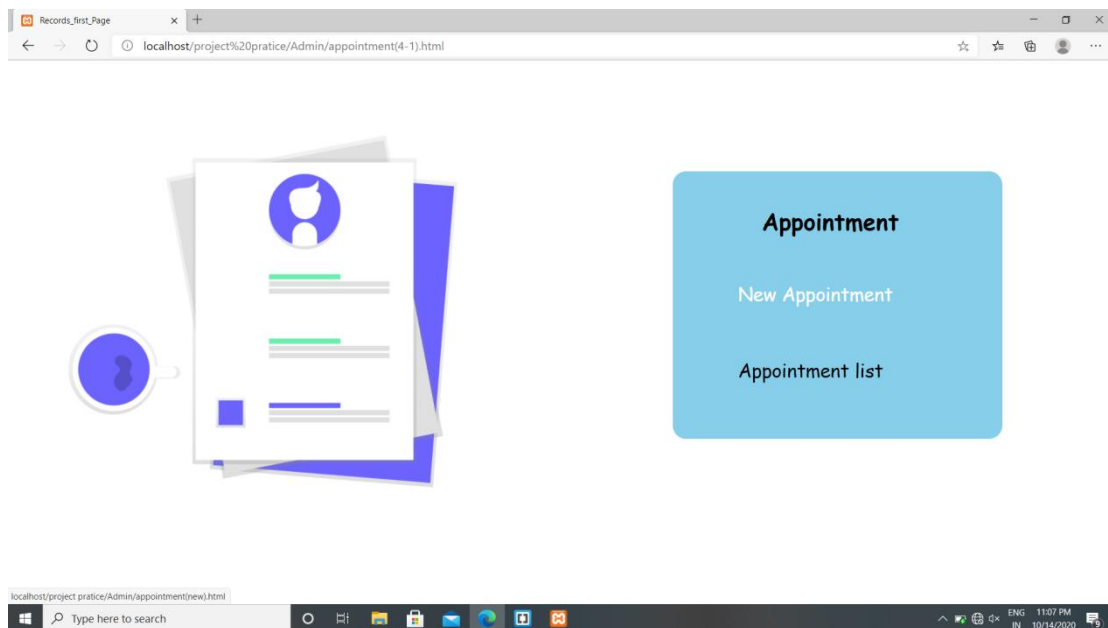


Fig 4.8: Appointment options

HOME PAGE

New Appointment

Patient Name

Phone Number

Date

Time

Fig 4.9: Entering Appointment Details

PHPMYADMIN

Server: 127.0.0.1 Database: project2 Table: appointment

BROWSE STRUCTURE SQL SEARCH INSERT EXPORT IMPORT MORE

`SELECT * FROM `appointment``

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

+ Options

	ID	Name	PhoneNo	Date	Time
☐ Edit Copy Delete	2	charles	2147483647	2020-10-07	08:24:00
☐ Edit Copy Delete	6	Steven	9003171307	2020-10-10	08:40:00

☐ Check all With selected:

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

Query results operations

Fig 4.10: Appointment Details in Database

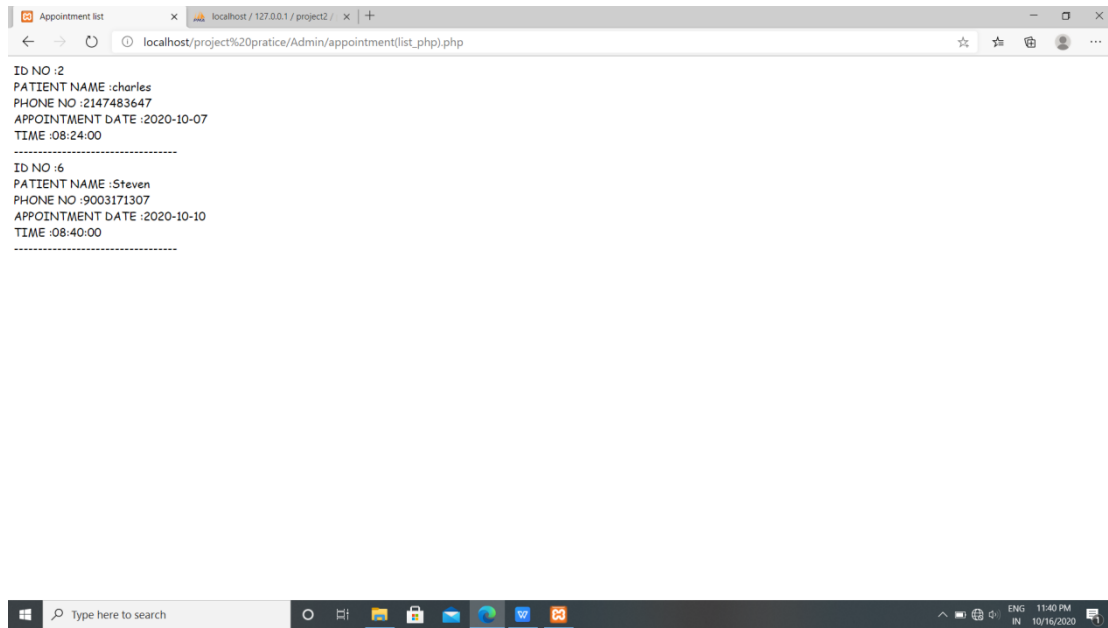


Fig 4.11: Displaying Appointment Details

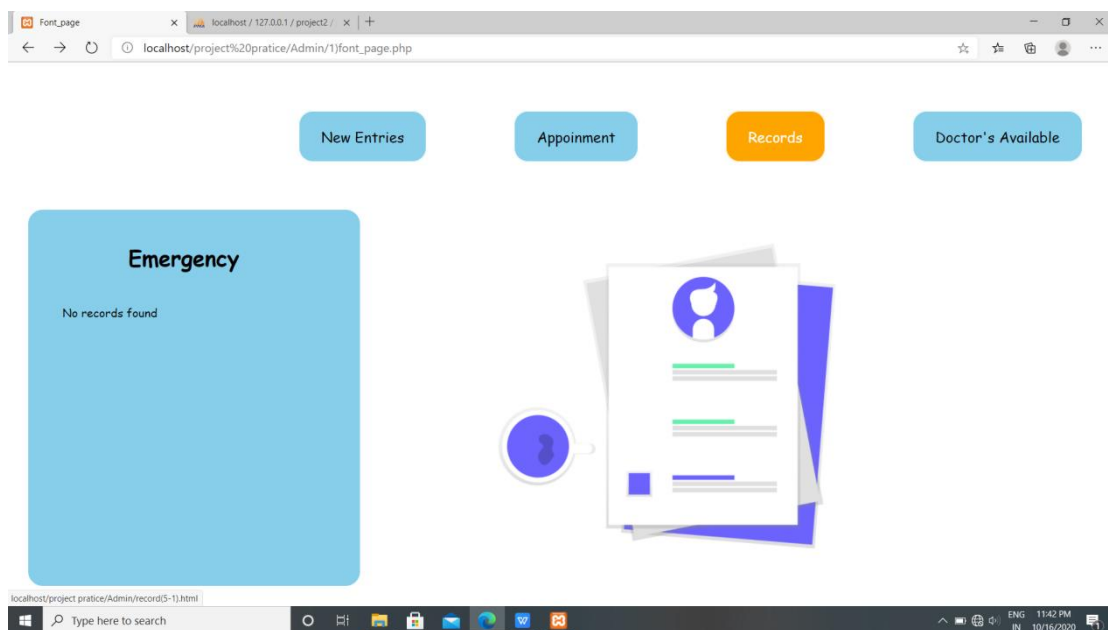


Fig 4.12: Records option

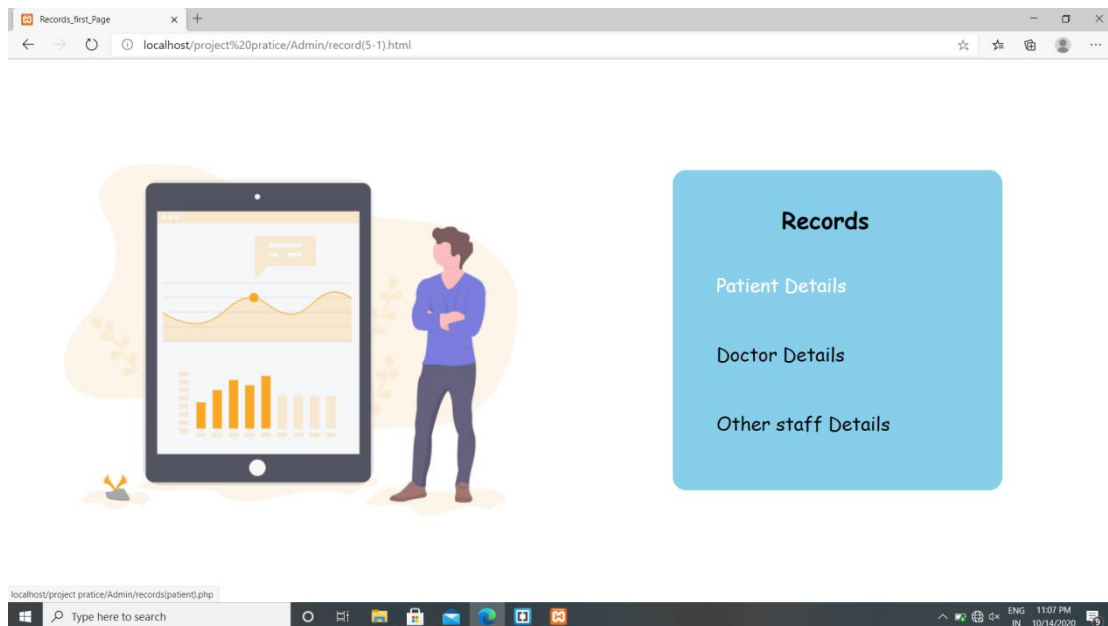


Fig 4.13: Select any one option to display the details

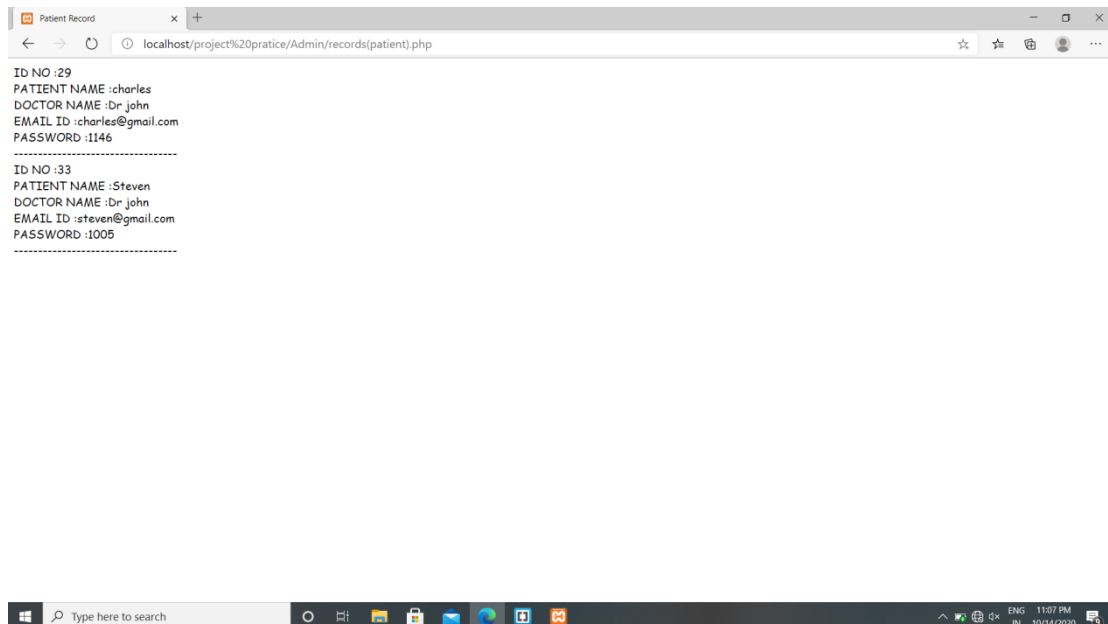


Fig 4.14: Patient details

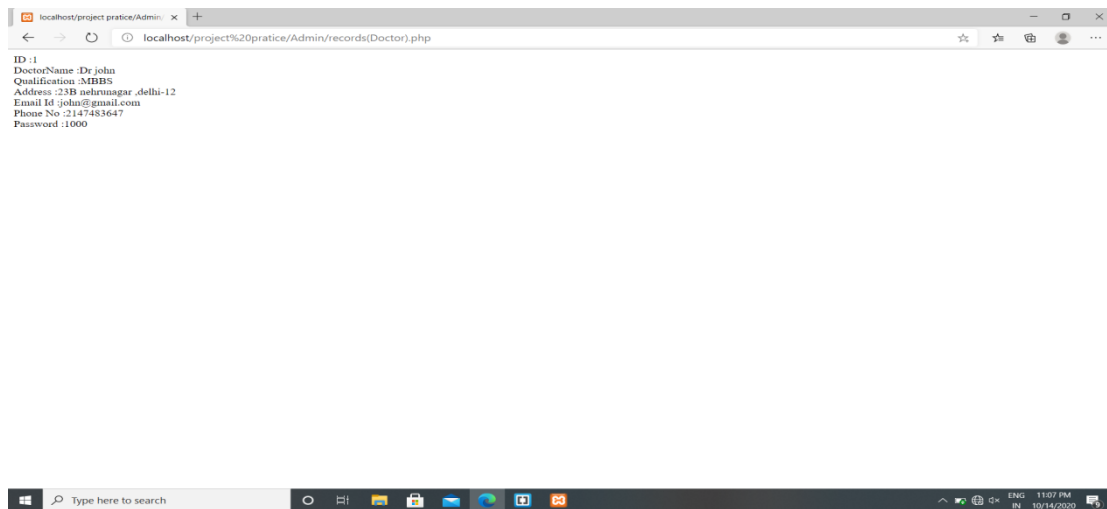


Fig 4.15: Doctor Details

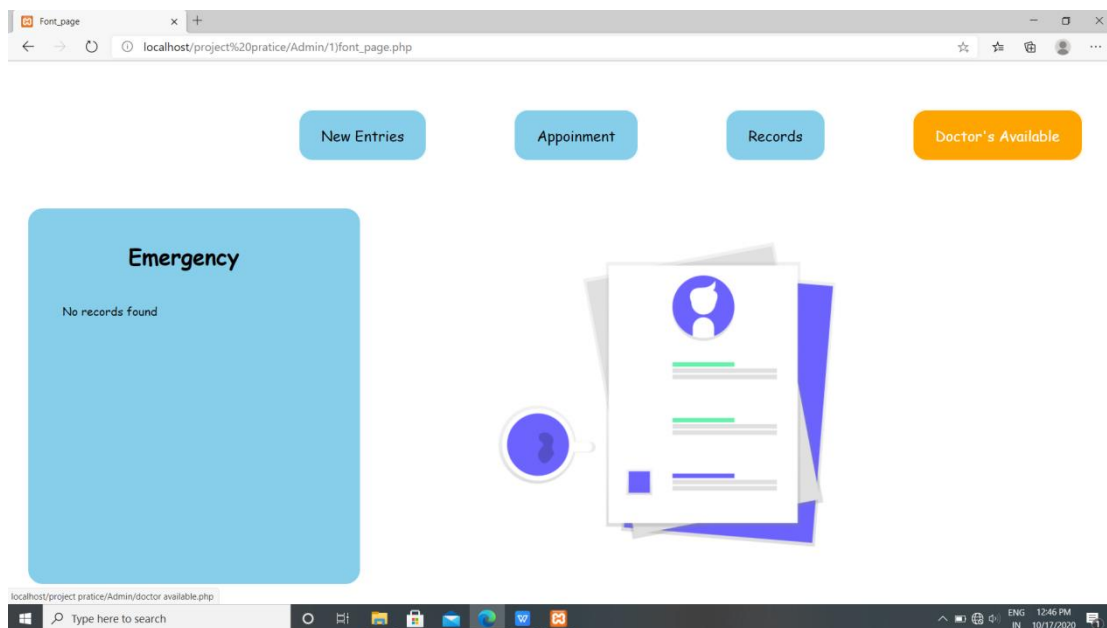


Fig 4.16: Doctor Available page

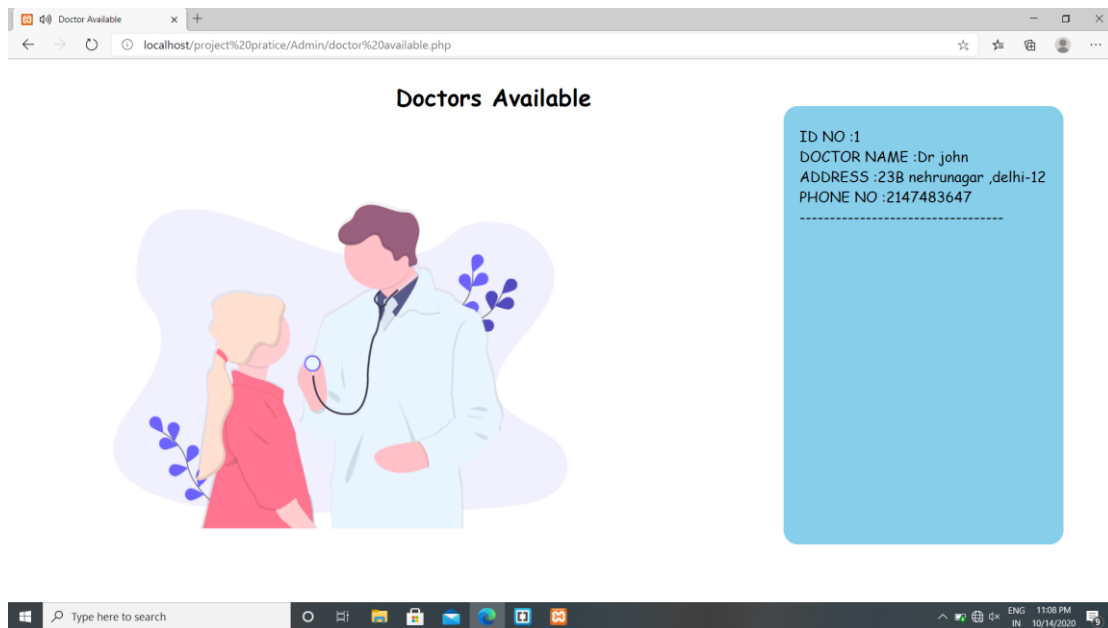


Fig 4.17: Doctor Available page

2. Doctor Page:

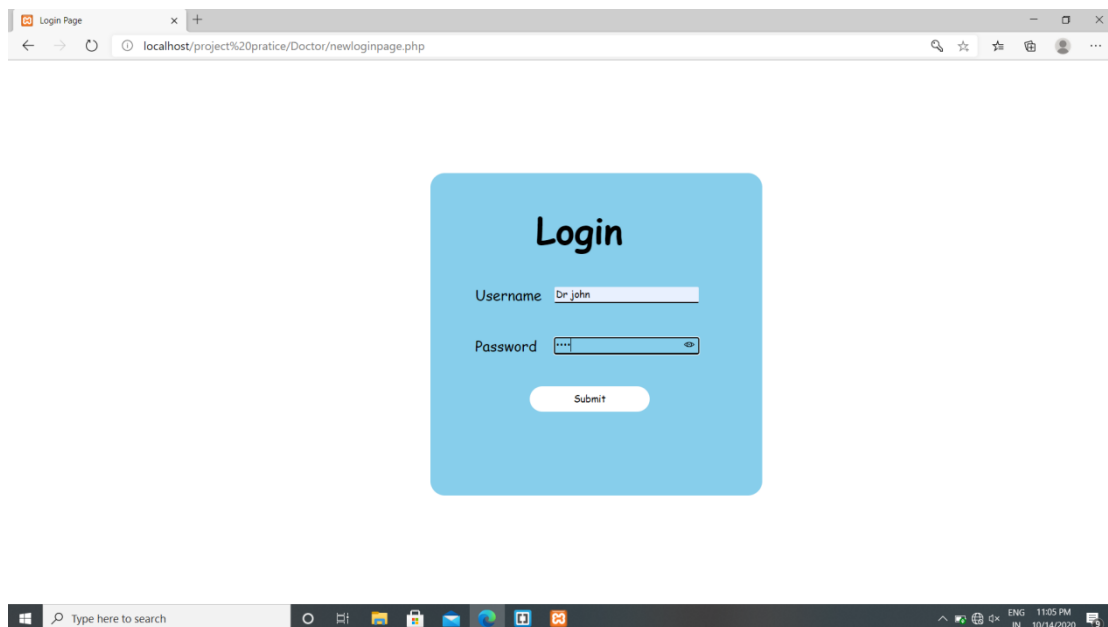


Fig 4.18: Doctor Login Page

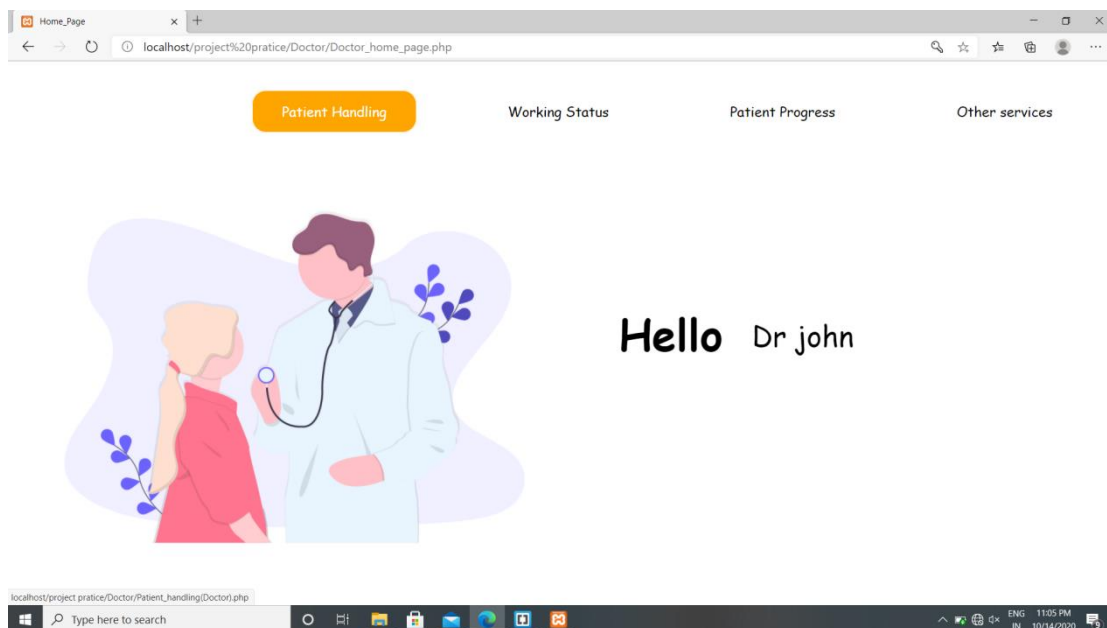


Fig 4.19: Doctor page

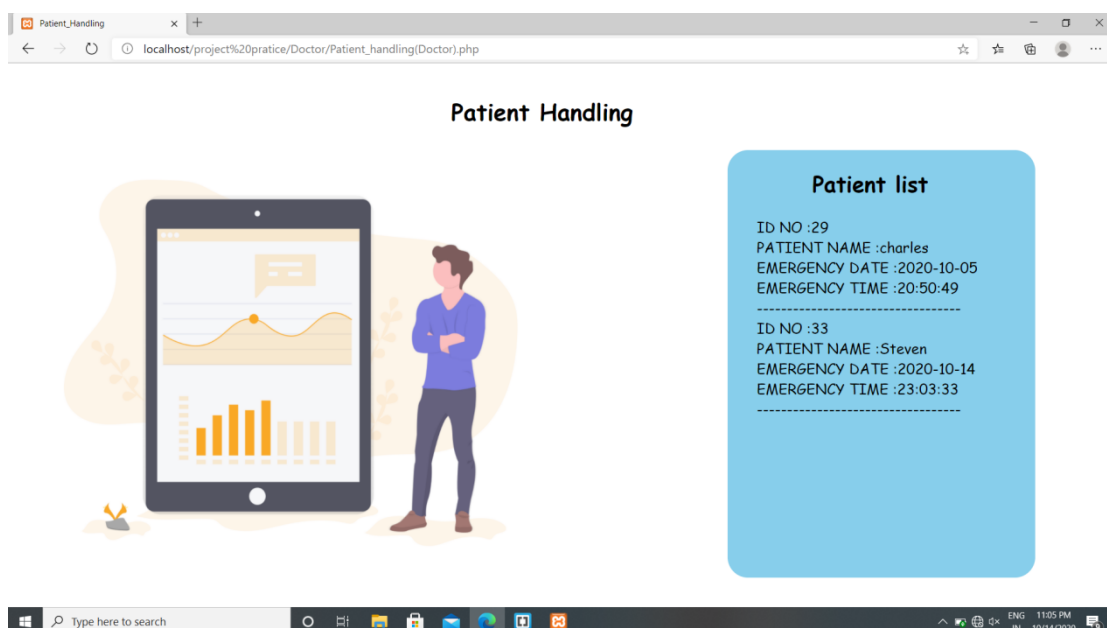


Fig 4.20: Patient Handling page

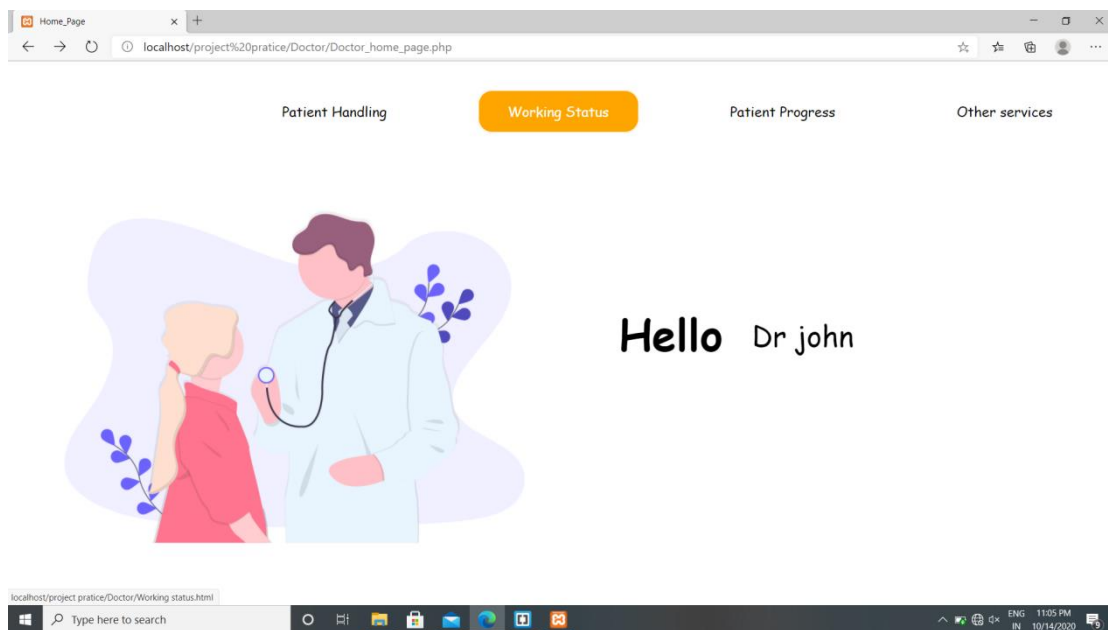


Fig 4.21: Working status page

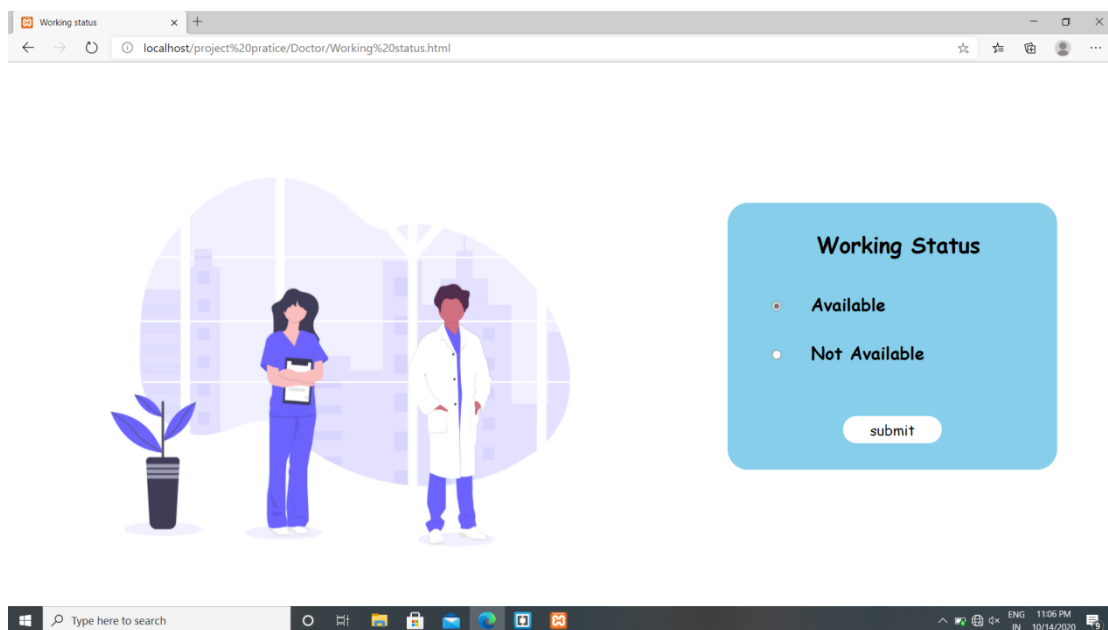


Fig 4.22: Select any one option

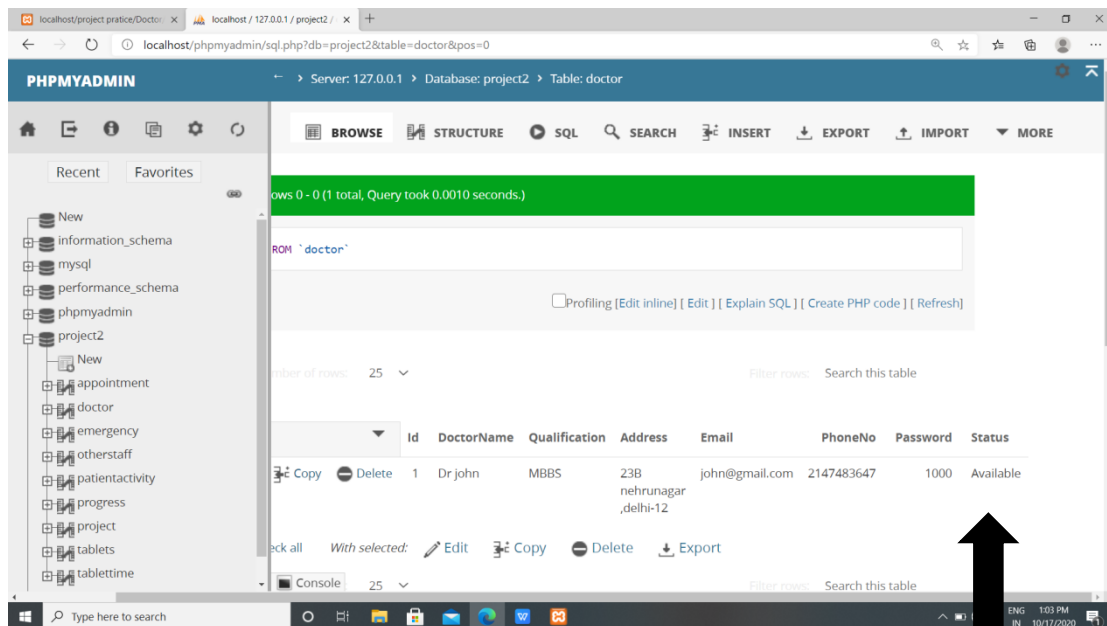


Fig 4.23: Updates in database

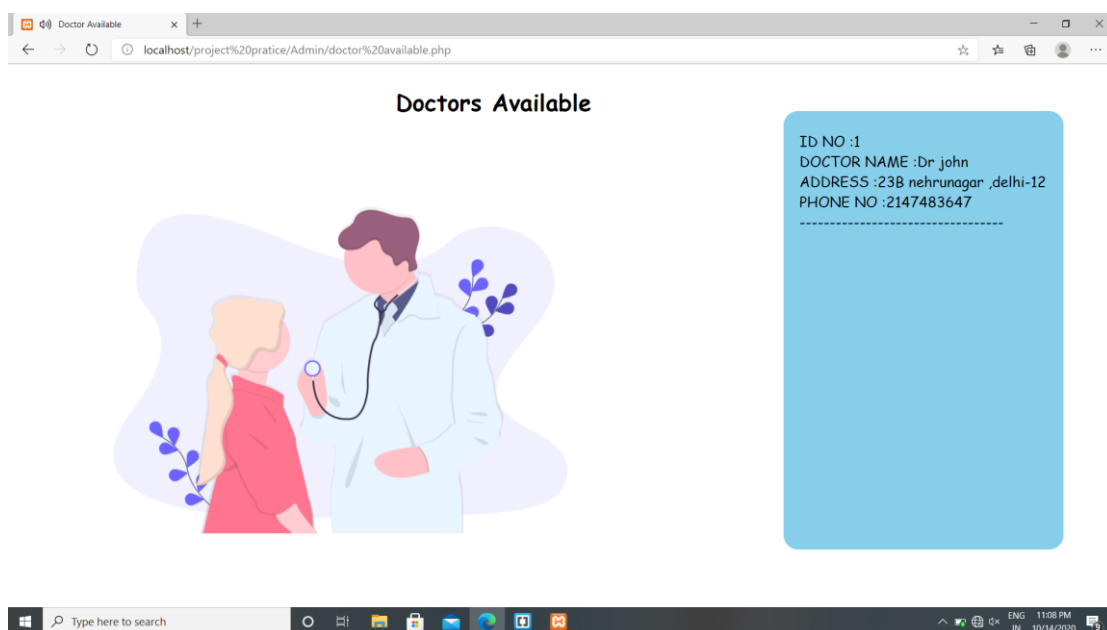


Fig 4.24: Will update in Admin Page

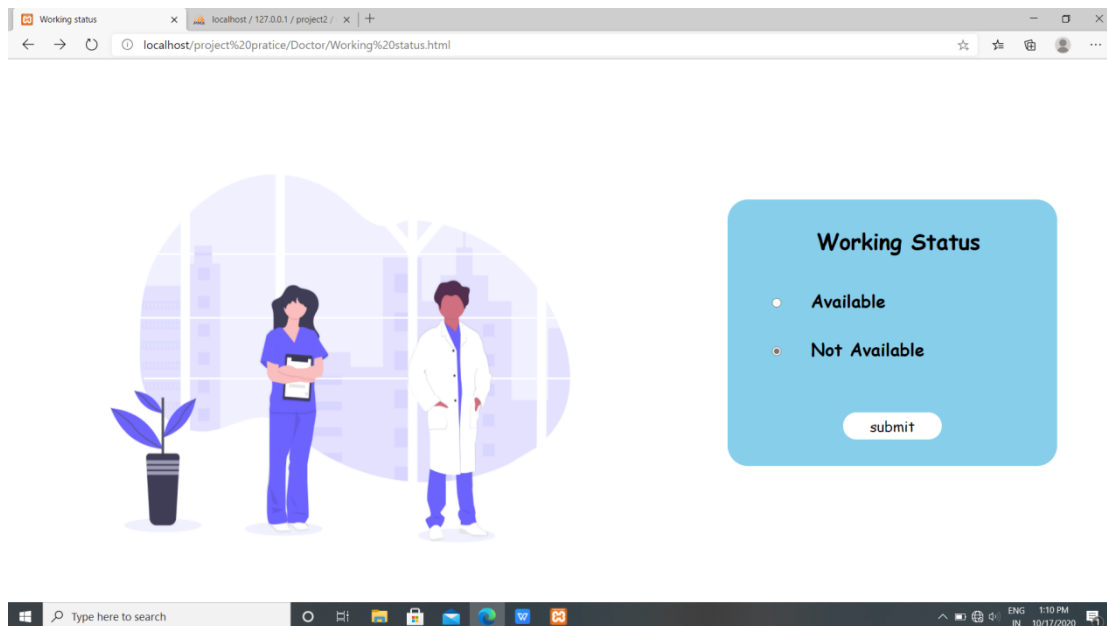


Fig 4.25: While selecting second option

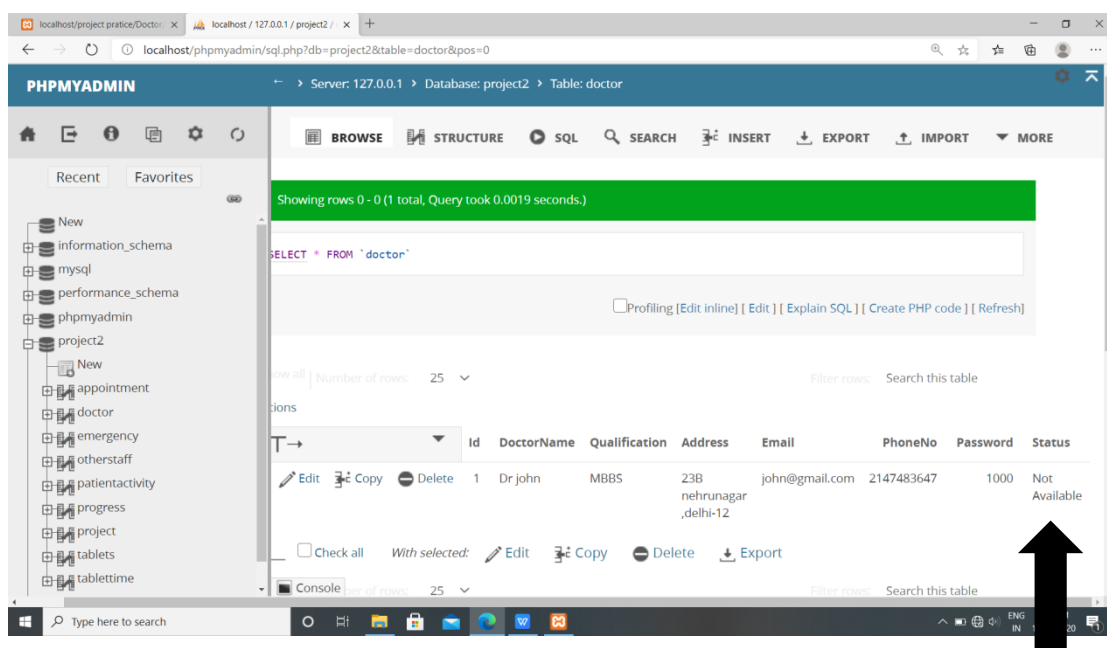


Fig 4.26: Updated in database

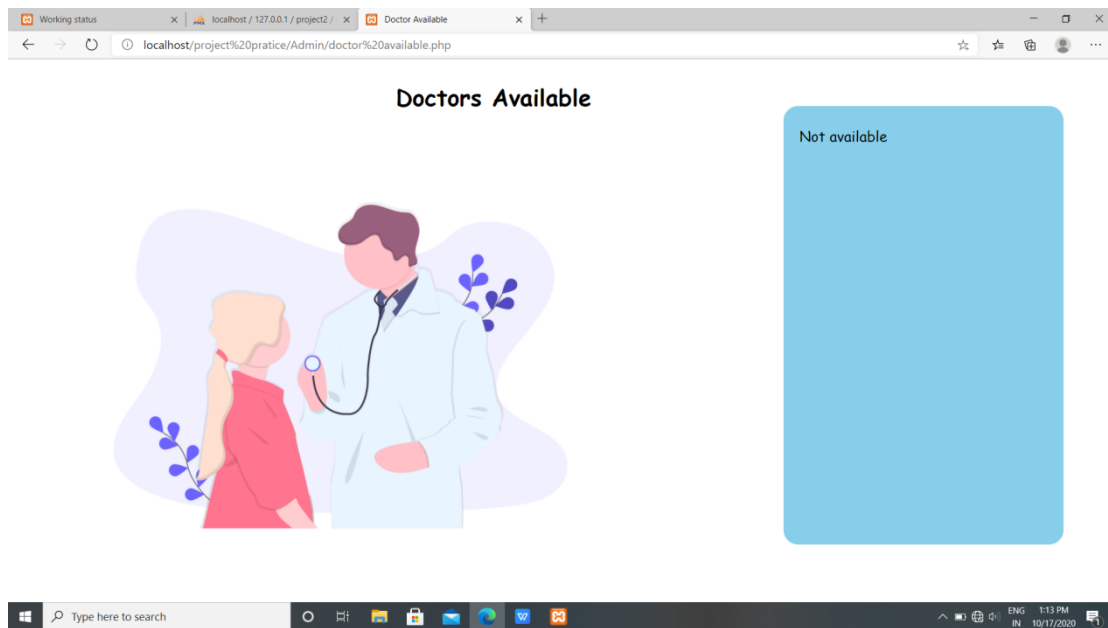


Fig 4.27: Now it will be display as “Not Available” in admin page

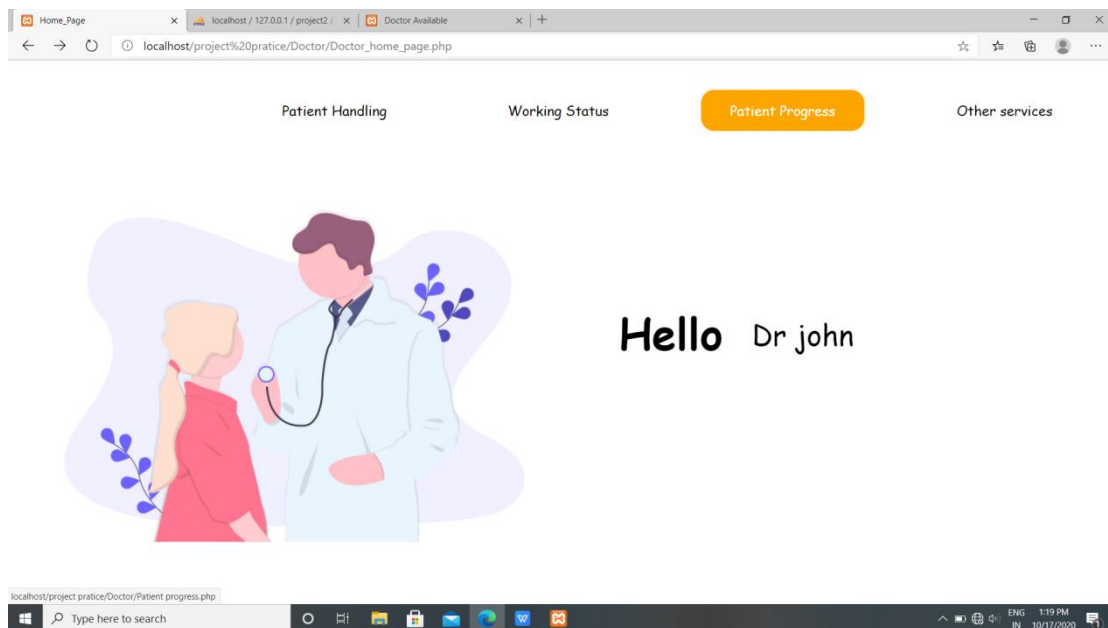


Fig 4.28: Patient progress page

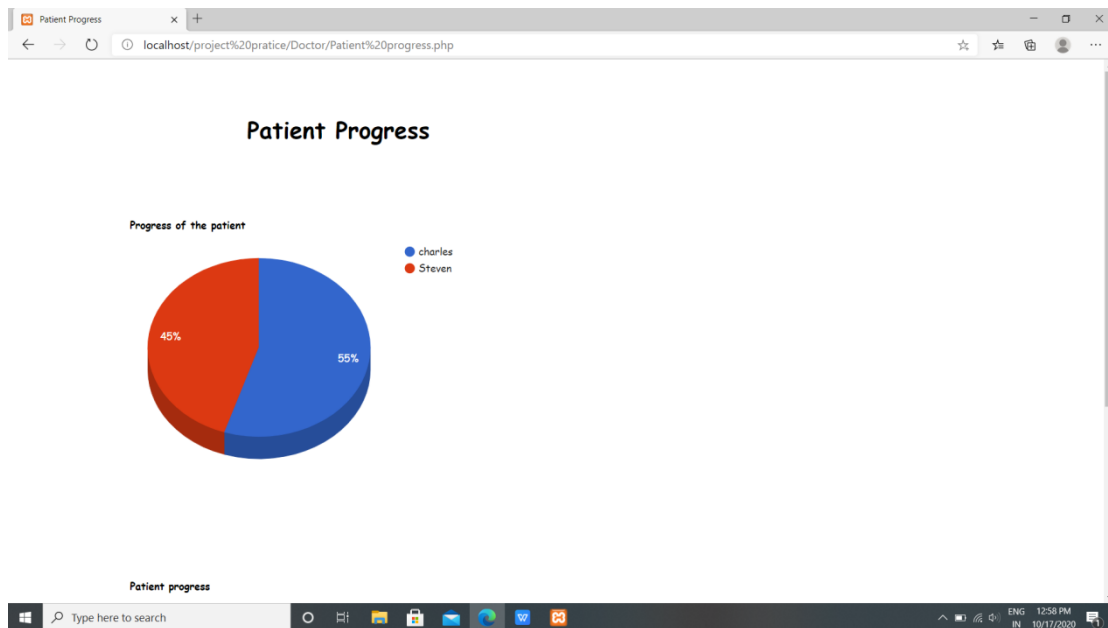


Fig 4.29: Patient progress

3) Patient Page:

Login

Username Steven

Password ****

Submit

Fig 4.30: Patient login page

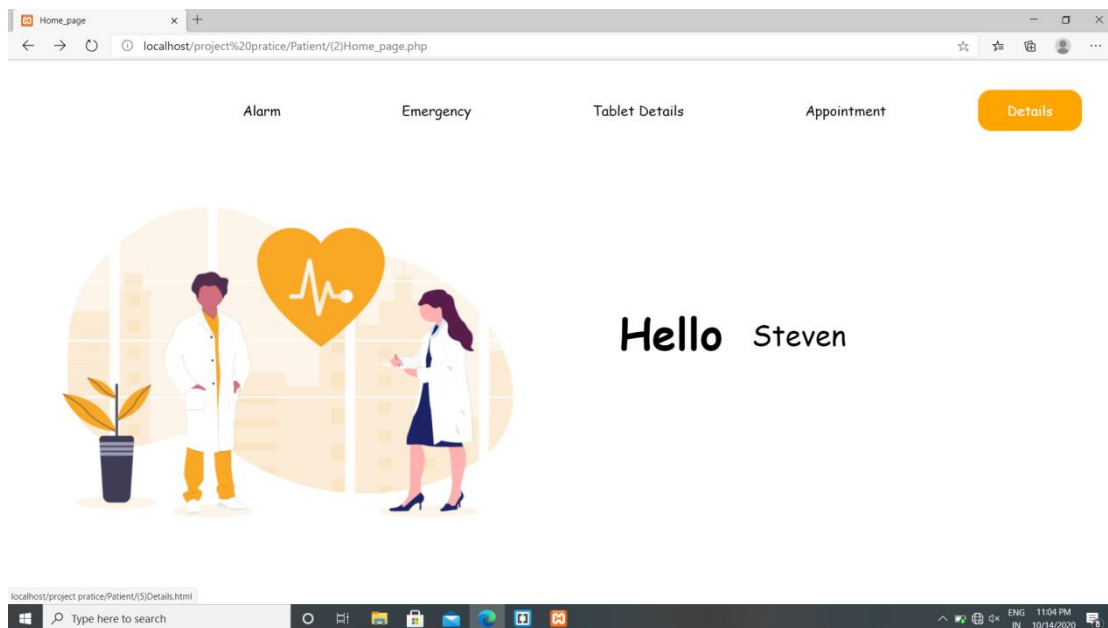


Fig 4.31: Patient page selecting Details page

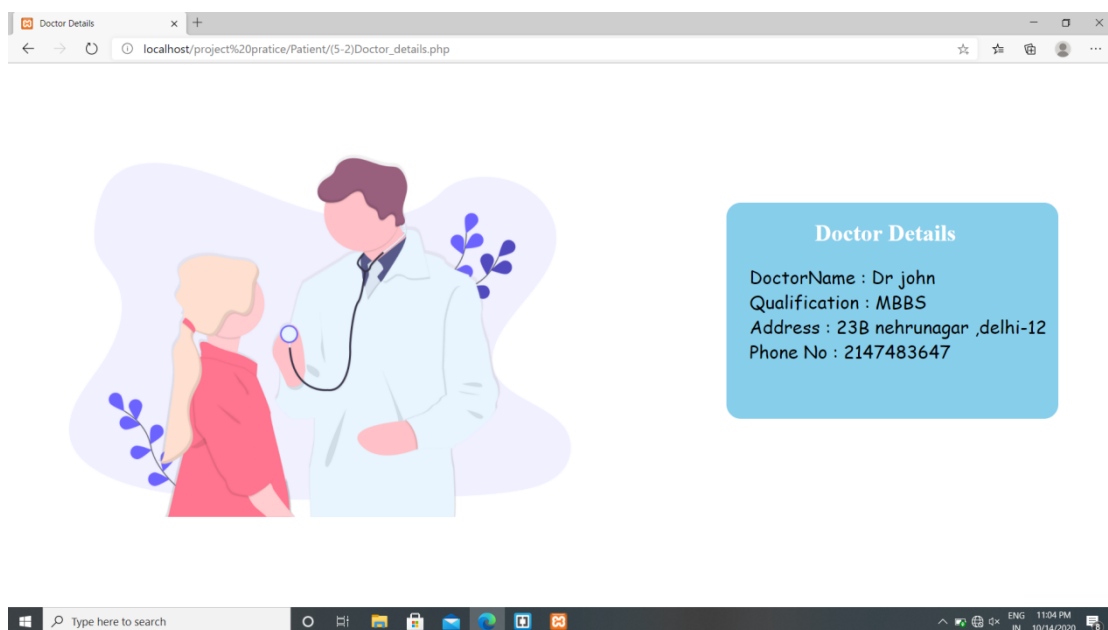


Fig 4.32: Details page display the doctor details

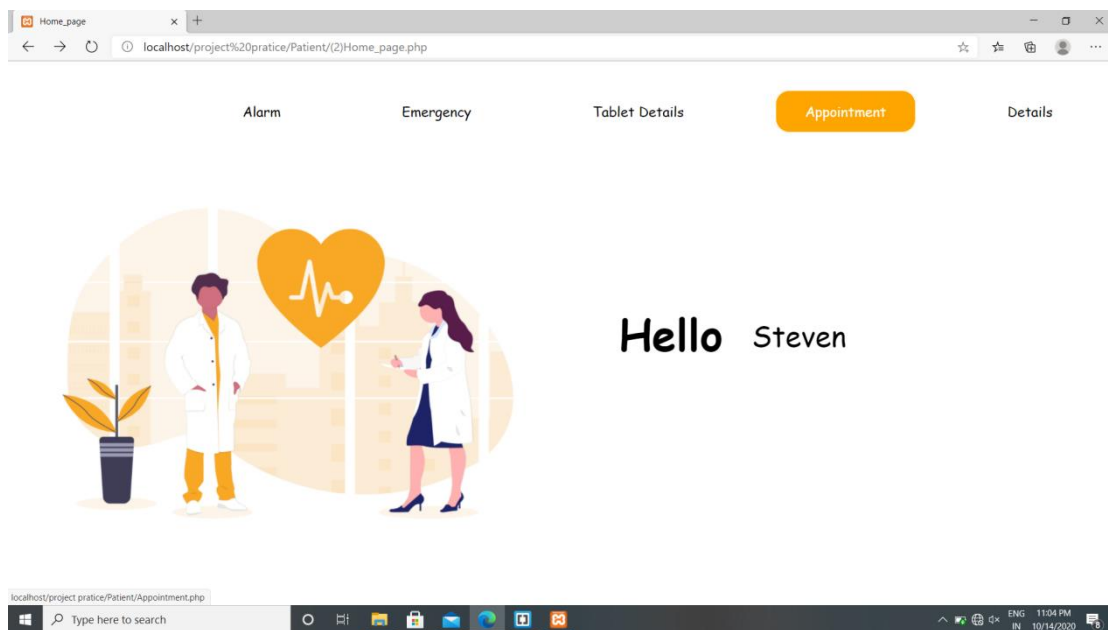


Fig 4.33: Appointment page

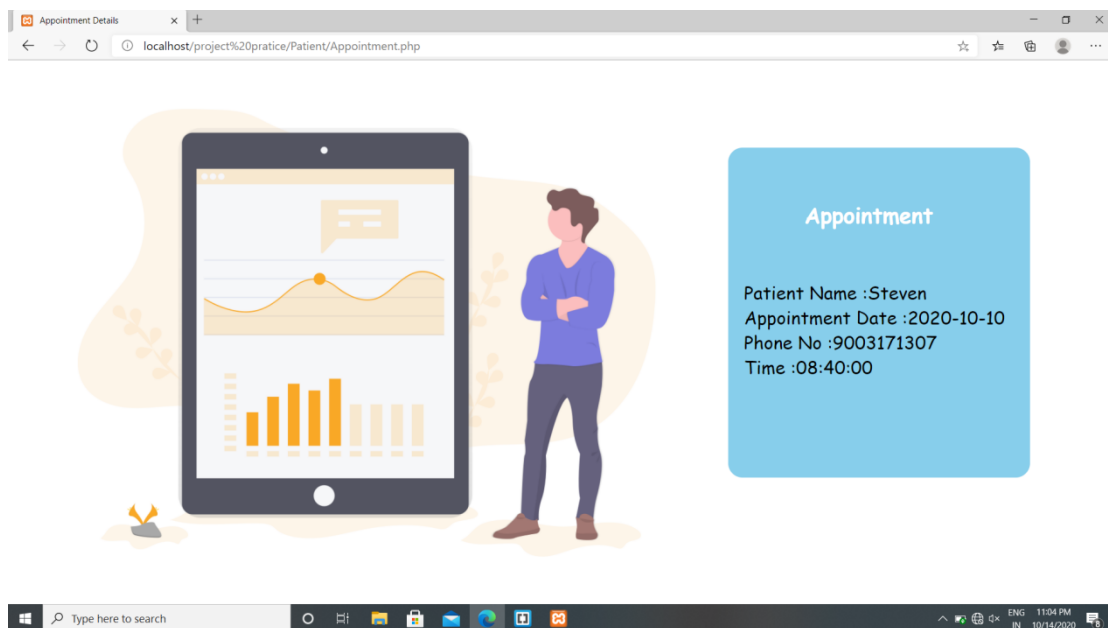


Fig 4.34: Appointment Details

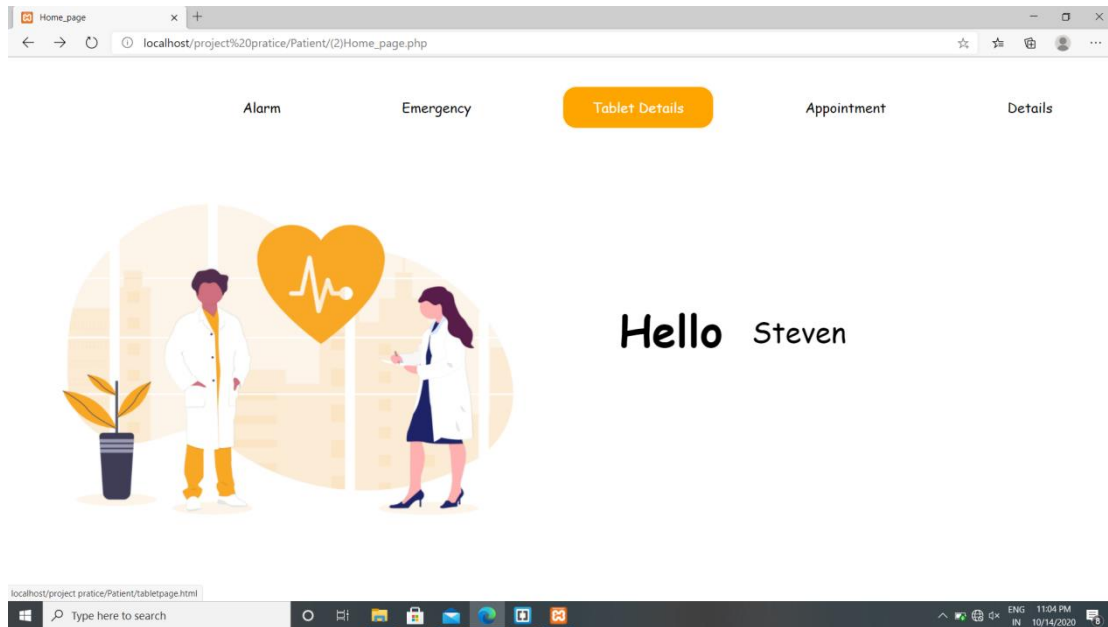


Fig 4.35: Tablet Details page

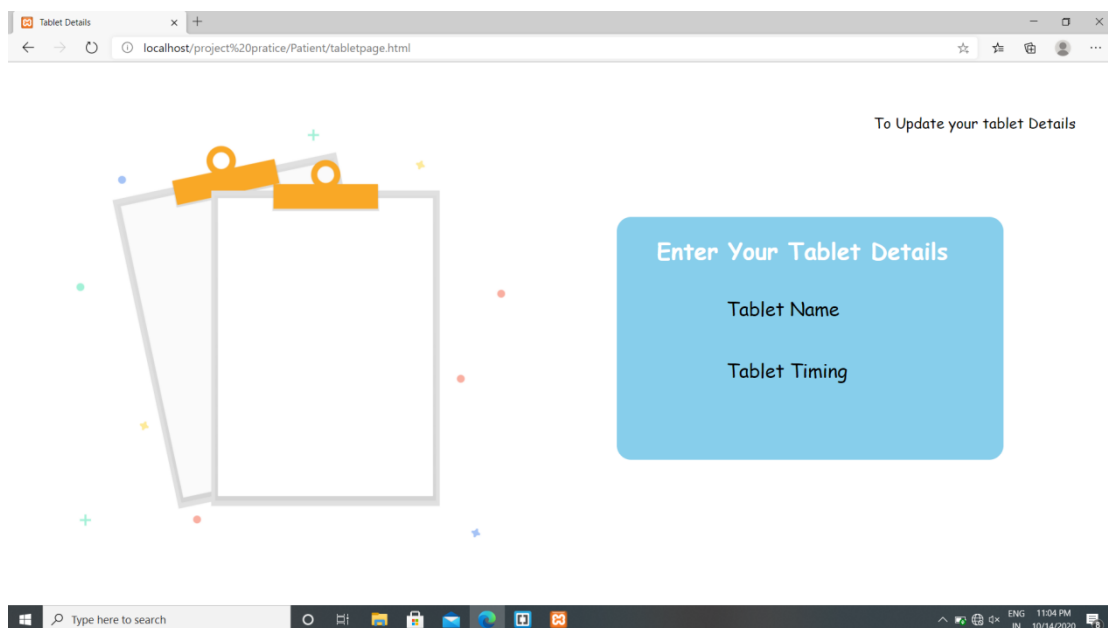


Fig 4.36: Tablet Details option page

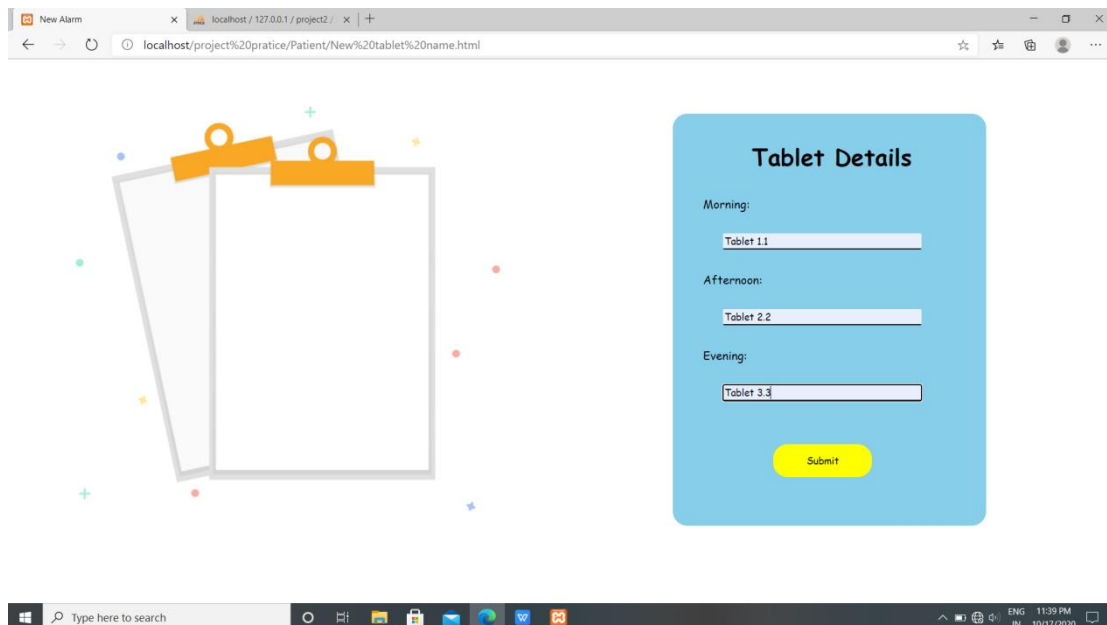


Fig 4.37: New Tablet Details Page

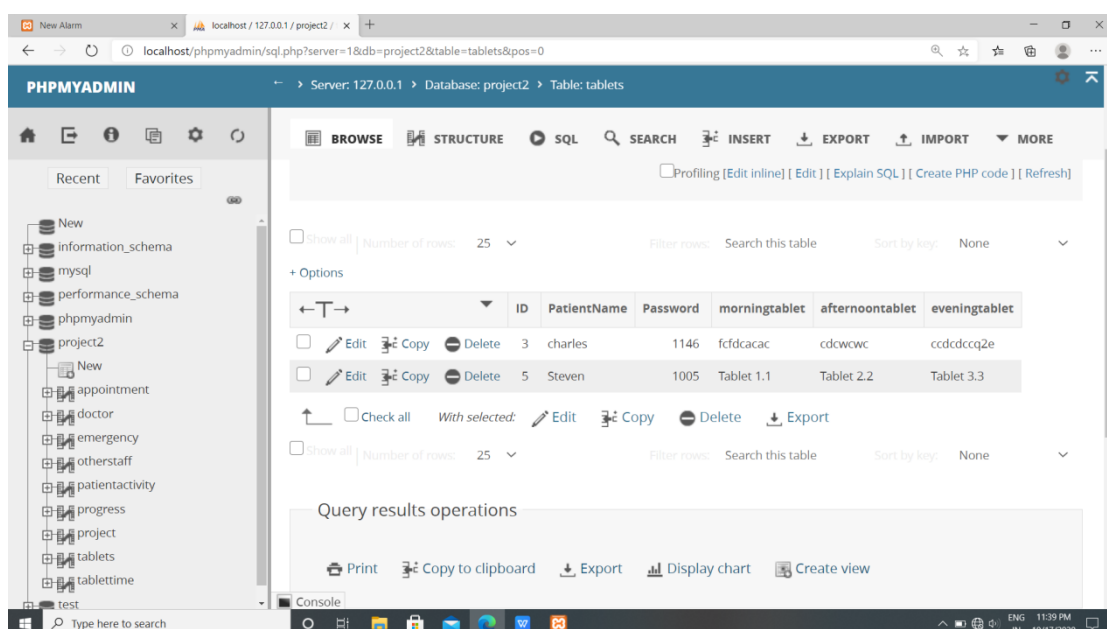


Fig 4.38: Tablet Details stored in Database

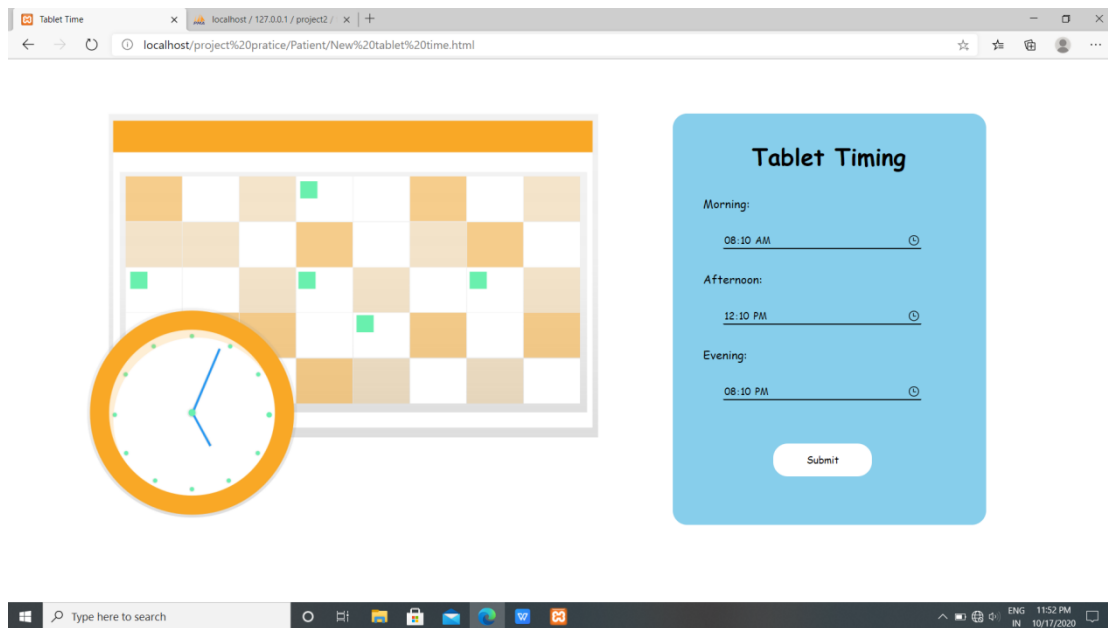


Fig 4.39: Tablet Timing Details page

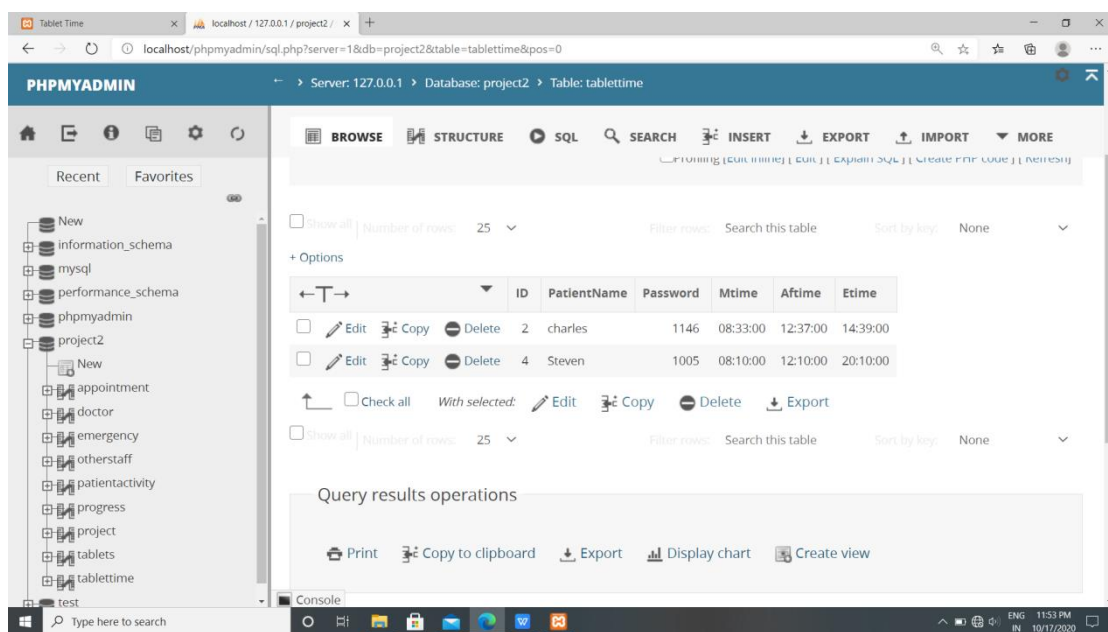


Fig 4.40: Timing stored in Database

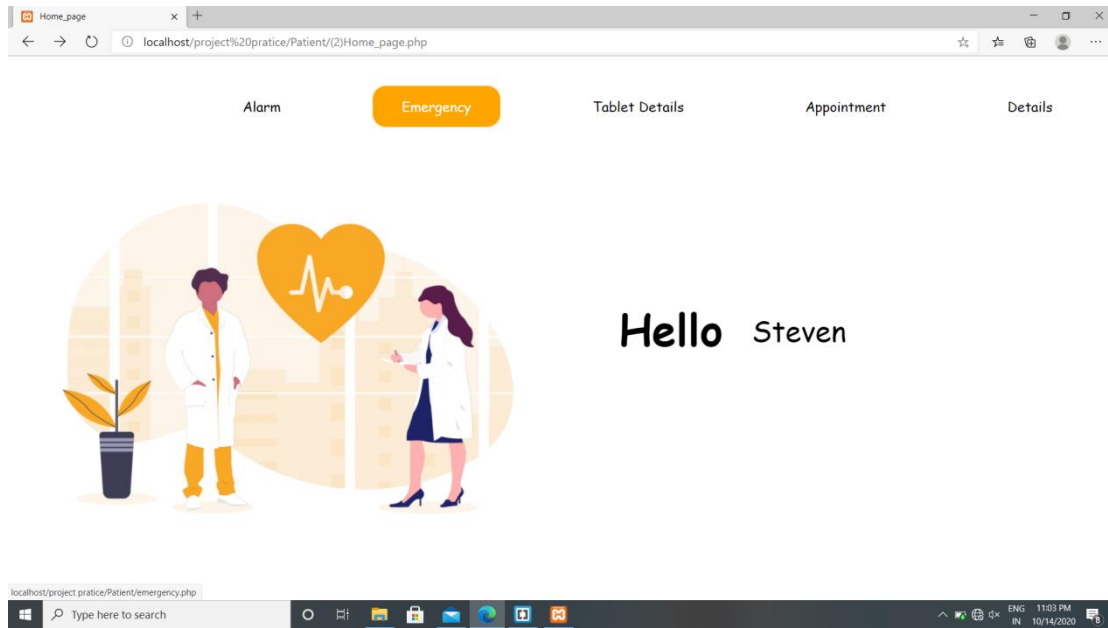


Fig 4.41: Emergency Page

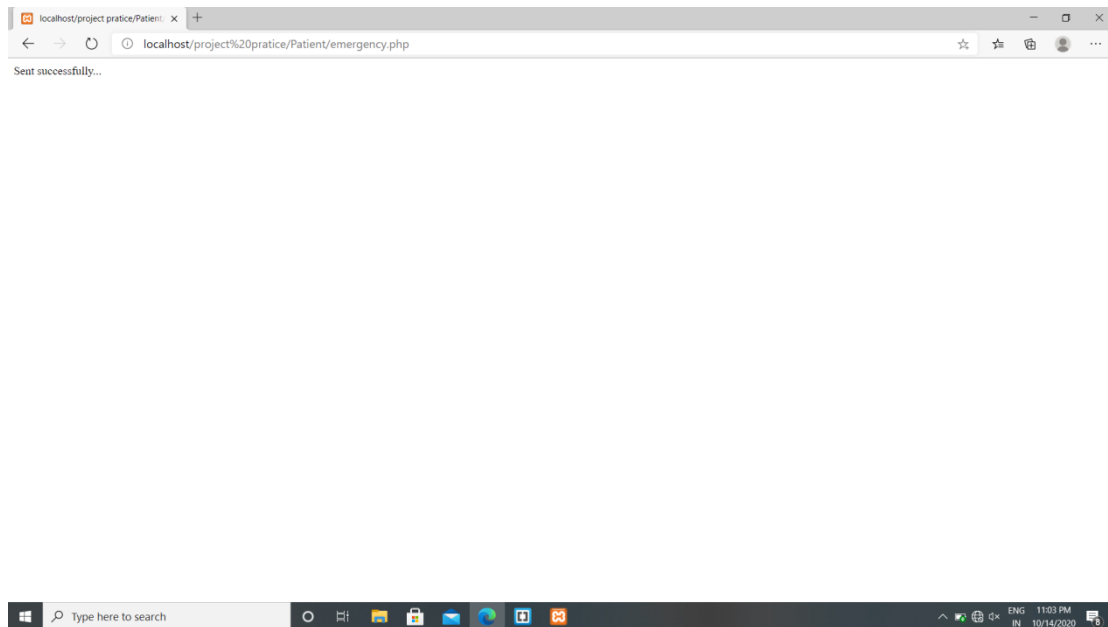


Fig 4.42: Emergency message sent to Admin

ID	Name	Age	Date	Time
2	steve watson	1000	2020-08-02	23:08:57
3	steve watson	1000	2020-08-02	23:10:01
4	steve watson	1000	2020-08-03	22:38:46
5	steve	1002	2020-08-03	22:44:10
6	sanjay	1000	2020-08-10	22:39:16
7	steve watson	1000	2020-08-10	22:45:10
8	steve watson	1000	2020-08-10	22:45:41
9	Dr john	1000	2020-08-10	22:50:04
10	steve watson	1000	2020-08-13	22:57:00
16	Steven	1005	2020-10-09	12:53:21
17	Steven	1005	2020-10-14	23:03:23
18	Steven	1005	2020-10-14	23:03:33
19	Steven	1005	2020-10-17	23:59:26

Fig 4.43: Emergency Database

New Entries
Appointment
Records
Doctor's Available

Emergency

PATIENT NAME :Steven
 ADDRESS :114b annanagar chennai-60
 PhoneNO :9003171307

Fig 4.44: Emergency patient details are displayed in Emergency box

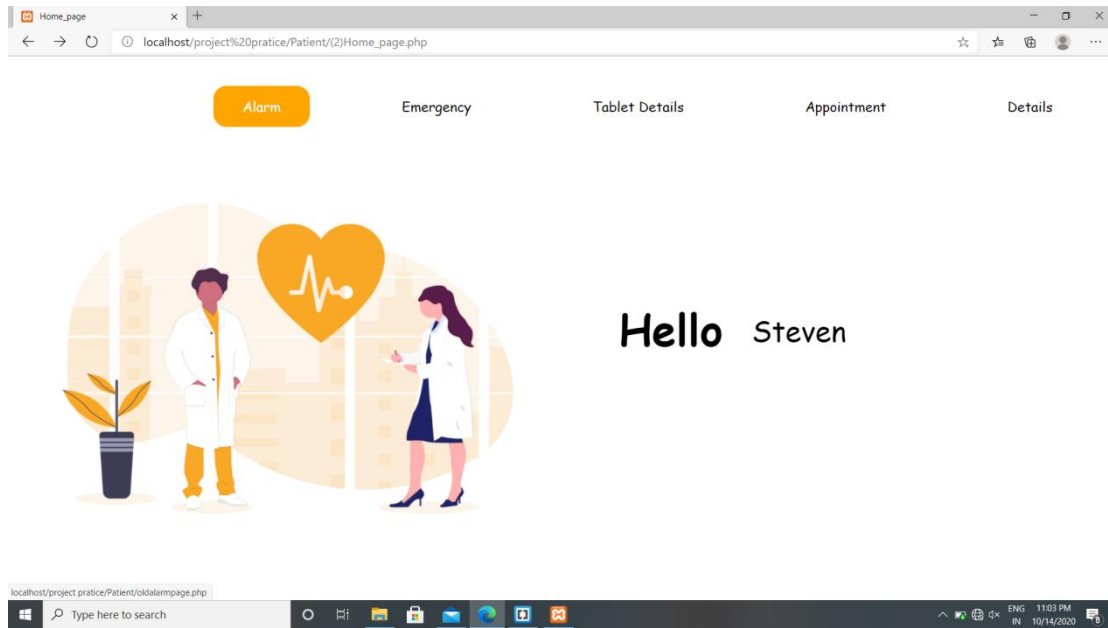


Fig 4.45: Alarm Page

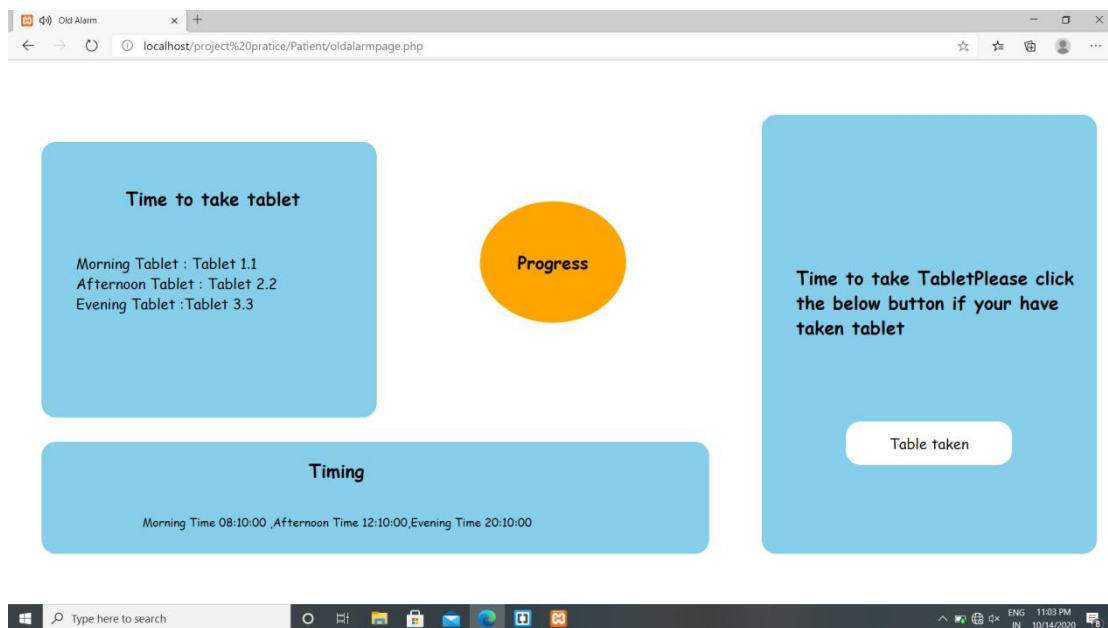


Fig 4.46: Tablet is displayed at particular time stored in database

CHAPTER - 5

SUMMARY AND CONCLUSION

5.1 CONCLUSION

The patient care project is just a basic platform that cares for the patient in anytime and anywhere. This brings the relaxation for the patient as well as the person who is taking care of. This patient care project improves and levels up the service of the hospital. The patient care project mainly concentrates on the health of the patient. This project play in decreasing the death rate of the patient. Hospitals should encourage this kind of project to keep monitoring the health of the patient who believes in the service of the hospital. These basic features which are available in this project provide the basic platform for the upcoming patient care projects.

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CODING:

ADMIN PART

1. New Entries page

```
<html>
<head>
  <title>Entries_first_Page</title>
</head>
<body>
  <div class="box">
    <h1>New Entries</h1><ul>
      <li><a href="entries_Patient%20entries.html">Patients</a></li>
      <li><a href="entries_Doctor%20entries.html">Doctor</a></li>
      <li><a href="entries_OtherStaff.html">Other staff</a></li></ul>
    </div>
    
  </body>
</html>
```

1.1 patient entries:

```
<html>
  <head>
    <title>New Patient Entries</title>
  </head>
<body>
  <div class="sb">
    <a href="1)font_page.php" class="h">HOME PAGE</a>
  </div>
  <div class="box">
    <h1>Patient Entries</h1>
    <form action="PatientEntries(phi).php"method="post">
```

```

        <h2 class="h21">Patient Name</h2>
        <input type="text" name="Patient" placeholder="Enter the Patient
name"required class="i1">
        <h2 class="h22">Doctor Name</h2>
        <input type="text" name="Doctor" placeholder="Enter Doctor name"
required class="i2">
        <h2 class="h23">Address</h2>
        <input type="text" name="Address" placeholder="Enter the Address"
required class="i3">
        <h2 class="h24">Phone No</h2>
        <input type="number" name="Phone" placeholder="Enter Phone
number" required class="i4">
        <h2 class="h25">Email</h2>
        <input type="email" name="Email" placeholder="Enter the valid Email
Id" class="i5">
        <h2 class="h26">Password</h2>
        <input type="password" name="Pass" placeholder="Enter the new
password" required class="i6">
        <input type="submit" value="Submit" name="submit" class="submit">
    </form>
</div>
</body>
</html>

```

patient entries in PHP

```

<?php
$servername="localhost";
$username="root";
$password="";
$dbname="project2";

$conn = mysqli_connect($servername,$username,$password,$dbname);
if(!$conn){
    echo"connection failed";}
$first = $_POST['Patient'];

```

```

$doctor = $_POST['Doctor'];
$address = $_POST['Address'];
$phone = $_POST['Phone'];
$email = $_POST['Email'];
$password = $_POST['Pass'];
$sql="INSERTintoproject(FirstName,DoctorName,Address,PhoneNo,Email ,Passw
ord) VALUES('$first','$doctor','$address','$phone','$email','$password')";
$value=0;
$sqlanother="INSERTINTOprogress(PatientName,Password)VALUES('$first','$pa
ssword')";
    if(mysqli_query($conn,$sql))
    if(mysqli_query($conn,$sqlanother)){
        echo("Inserted Successfully");}
    else{
        echo("failed please try again...");}
mysqli_close($conn);
?>

```

2. Appointment page:

```

<html>
<head>
    <title>Records_first_Page</title>
</head>
<body>
    <div class="box">
        <h1>Appointment</h1>
        <ul>
            <li><a href="appointment(new).html">New Appointment</a></li>
            <li><a href="appointment(list_php).php">Appointment list</a></li>
        </ul>
    </div>
    
</body>
</html>

```

2.1 Appointment entries:

```
<html>
  <head>
    <title>Appointment</title>
  </head>
  <body>
    <div class="sb">
      <a href="1)font_page.php" class="h">HOME PAGE</a>
    </div>
    <div class="box">
      <h1>New Appointment</h1>
      <form action="appointment(new_php).php"method="post">
        <h2 class="h21">Patient Name</h2>
        <input type="text" name="Name" placeholder="Enter the Patient
name"required class="i1">
        <h2 class="h22">Phone Number</h2>
        <input type="number" name="Phone" placeholder="Enter the Phone
number" required class="i2">
        <h2 class="h23">Date</h2>
        <input type="date" name="Date" placeholder="Enter the Appointment
Date" required class="i3">
        <h2 class="h24">Time</h2>
        <input type="time" name="Time" placeholder="Enter the time"
required class="i4">
        <input type="submit" value="Submit" name="submit" class="submit">
      </form>
    </div>
  </body>
</html>
```

2.2 Appointment list:

```
<?php
```

```

$servername="localhost";
$username="root";
$password="";
$dbname="project2";
$connect = mysqli_connect($servername , $username , $password , $dbname );
if(!$connect){
    die("Could not connect".mysqli_connect_error());}
$sql=("SELECT * FROM appointment order by date ");
$result= mysqli_query($connect , $sql);
if(mysqli_num_rows($result)>0){
    while($row=mysqli_fetch_assoc($result)){
        echo "ID NO          :{$row['ID']}<br/>".
        "PATIENT NAME   :{$row['Name']}<br/>".
        "PHONE NO :{$row['PhoneNo']}<br/>".
        "APPOINTMENT DATE :{$row['Date']}<br/>".
        "TIME   :{$row['Time']}<br/>".
        "-----<br/>"}
    }
else{
    echo "no records found ";}
mysqli_close($connect);
?>
<html>
    <head>
        <title>Appointment list</title>
    </head>
    <body>
    </body>
</html>

```

3. Records:

```

<html>
<head>
    <title>Records_first_Page</title>
</head>

```

```

<body>
<div class="box">
    <h1>Records</h1>
    <ul>
        <li><a href="records(patient).php">Patient Details</a></li>
        <li><a href="records(Doctor).php">Doctor Details</a></li>
        <li><a href="records(otherstaff).php">Other staff Details</a></li>
    </ul>
</div>

</body>
</html>

```

3.1 Patient entries:

```

<?php
$servername="localhost";
$username="root";
$password="";
$dbname="project2";
$connect = mysqli_connect($servername,$username,$password,$dbname);
if(!$connect)
{
    die("Could not connect".mysqli_connect_error());
}
$sql=("SELECT * FROM project order by Id ");
$result= mysqli_query($connect,$sql);
if(mysqli_num_rows($result)>0){
    while($row =mysqli_fetch_assoc($result)){
        echo "ID NO          :{$row['Id']}<br/>".
        "PATIENT NAME    :{$row['FirstName']}<br/>".
        "DOCTOR NAME :{$row['DoctorName']}<br/>".
        "EMAIL ID       :{$row['Email']}<br/>".
        "PASSWORD      :{$row['Password']}<br/>".
        "-----<br/>";}}

```

```

else{
    echo "no records found ";}
mysqli_close($connect);
?>
<html>
    <head>
        <title>Patient Record</title>
    </head>
    <body>
    </body>
</html>

```

4. Doctor Available :

```

<html>
    <head>
        <title>Doctor Available</title>
    </head>
    <body>
        <h1>Doctors Available</h1>
    <div class="box">
    <p><?php
$connect=mysqli_connect('localhost','root','','project2');
if(!$connect){
    echo"Failed to connect";}
$sql="SELECT * FROM doctor WHERE Status='Available'";
$result=mysqli_query($connect,$sql);
if(mysqli_num_rows($result)>0){
    while($row=mysqli_fetch_assoc($result)){
        echo "ID NO          :{$row['Id']}<br/>".
        "DOCTOR NAME    :{$row['DoctorName']}<br/>".
        "ADDRESS :{$row['Address']}<br/>".
        "PHONE NO :{$row['PhoneNo']}<br/>".
        "-----<br/>";}}
    else{

```

```

        echo "Not available";}
mysqli_close($connect);
    ?></p>
</div>
</body>
</html>

```

5. Emergency:

```

<html>
    <head>
        <title>Font_page</title>
    </head>
    <body>
        <div class="box">
            <ul><li><a href="doctor%20available.php">Doctor's Available</a></li>
                <li><a href="record(5-1).html">Records</a></li>
                <li><a href="appointment(4-1).html">Appoinment</a></li>
                <li><a href="entries.html">New Entries</a></li></ul>
        </div>
        <div class="box1">
            <h6>Emergency</h6>
            <p><?php
$connect = mysqli_connect('localhost','root' ,'' , 'project2' );
$audio ="ticktac.ogg";
$sql=("SELECT    project.FirstName    ,project.Address    ,    project.PhoneNo,
emergency.Date    FROM    project    INNER    JOIN    emergency    ON
project.Emergency=emergency.Date WHERE project.Emergency=CURDATE()");
$result=mysqli_query($connect,$sql);
if(mysqli_num_rows($result)>0){
    while($row=mysqli_fetch_assoc($result)){
        echo "PATIENT NAME :{$row['FirstName']}<br/>".
            "ADDRESS :{$row['Address']}<br/>".
            "PhoneNO :{$row['PhoneNo']}<br/>".
            "-----<br/>";

```

```

        echo'<script>alert("Patient is in emergency")</script>';
        echo'<audio autoplay="True" style="display:none;">
        <source src="'. $audio. '" type="audio/wav"></audio>'; }}
else{
    echo"No records found";}
    ?></p>
    </div>
    <div class="pic1">
    </div>
</body></html>

```

2. Doctor page

```

<html>
<head>
    <title>Home_Page</title>
</head>
<body>
    <div class="box"><ul>
        <li><a href="Patient_handling(Doctor).php">Patient Handling</a></li>
        <li><a href="Working%20status.html">Working Status</a></li>
        <li><a href="Patient%20progress.php">Patient Progress</a></li>
        <li><a href="#">Other services</a></li></ul>
    </div>
    
    <div class="box2">
        <h6>Hello</h6>
        <p><?php
        session_start();
        if($_SESSION['login']=="True"){
            echo $_SESSION['username'];
        }?></p>
    </div>
</body></html>

```

2.1 Patient Handling:

```
<html>
<head>
    <title>Patient_Handling</title>
</head>
<body>
    <h1 class="head1">Patient Handling</h1>
    <div class="box"><ul>
        <h2>Patient list</h2>
<?php
$servername="localhost";
$username="root";
$password="";
$dbname="project2";
session_start();
$connect= mysqli_connect($servername,$username,$password,$dbname);
if(!$connect){
    die("Could not connect".mysqli_connect_error());}
if($_SESSION['login']=="true"){
    $name=$_SESSION['username'];}
$sql=("SELECT * FROM project WHERE DoctorName='$name'");
$result=mysqli_query($connect,$sql);
if(mysqli_num_rows($result)>0){
    while($row=mysqli_fetch_assoc($result)){
        echo "ID NO          :{$row['Id']}<br/>".
            "PATIENT NAME    :{$row['FirstName']}<br/>".
            "EMERGENCY DATE  :{$row['Emergency']}<br/>".
            "EMERGENCY TIME  :{$row['Etime']}<br/>".
            "-----<br/>";}}
else{
    echo "no records found ";}
mysqli_close($connect);
?></ul></div>


```

```
</body></html>
```

2.2 Working Status:

```
<html>
  <head>
    <title>Working status</title>
  </head>
  <body>
    <h1>Working Status</h1>
    <div class="box"><ul>
      <form          action="activity.php"          method="post">
<li><h2><input type="radio" value="Available" name="status">Available</h2></li>
<li><h2><input type="radio" value="NotAvailable" name="status">NotAvailable</h2>
</li><input type="submit" value="submit">
      </form></ul></div>
    
  </body>
</html>
```

2.3 Patient progress:

```
<?php
$connect = mysqli_connect("localhost", "root", "", "project2");
$query = "SELECT * FROM progress";
$result = mysqli_query($connect, $query);
?>
<html>
  <head>

<script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>
>

  <script type="text/javascript">
    google.charts.load('current', {'packages':['corechart']});
    google.charts.setOnLoadCallback(drawChart);
    function drawChart() {
```

```

        var data = google.visualization.arrayToDataTable([
            ['Progress', 'PatientName'],
            <?php
                while($row = mysqli_fetch_array($result)) {
            echo "[".$row["PatientName"].",".$row["Progress"]."],""; }
            ?> ]);
        var options = {
            title: 'Progress of the patient',
            is3D:true,
            pieHole: 0.4 };
        var chart = new
google.visualization.PieChart(document.getElementById('piechart'));
        chart.draw(data, options); }
    </script>
</head> <body>
    <br /><br />
    <div style="width:900px;">
        <h1 align="center">Patient Progress</h1>
        <br />
        <div id="piechart" style="width: 900px; height: 500px;"></div>
    </div>
</body> <head>
    <?php
        $connect = mysqli_connect("localhost", "root", "", "project2");
        $query = "SELECT * FROM progress";
        $result = mysqli_query($connect, $query); ?>
        <scripttype="text/javascript"
src="https://www.gstatic.com/charts/loader.js"></script>
        <script type="text/javascript">
            google.charts.load("current", {packages:['corechart']});
            google.charts.setOnLoadCallback(drawChart);
            function drawChart() {
                var data = google.visualization.arrayToDataTable([
                    ['Progress', 'PatientName'],

```

```

        <?php
        while($row = mysqli_fetch_array($result)) {
            echo
                "[".$row["PatientName"].",
".$row["Progress"]."].","; } ?>
    ];
    var options = {
        title: 'Patient progress',
        pieHole: 0.4,
    };
    var
        chart
        =
        new
google.visualization.PieChart(document.getElementById('donutchart'));
    chart.draw(data, option);}</script>
</head><body>
    <div id="donutchart" style="width: 900px; height: 500px;"></div>
</body></html>

```

3. Patient page:

```

<html>
<head>
    <title>Home_page</title>
</head><body>
    <div class="demo">
        <header>
            <div class="box">
                <div class="list"><ul>
                    <li><a href="oldalarmpage.php">Alarm</a></li>
                    <li><a href="emergency.php">Emergency</a></li>
                    <li><a href='tabletpage.html'>Tablet Details</a></li>
                    <li><a href="Appointment.php">Appointment</a></li>
                    <li><a href="(5)Details.html">Details</a></li>
                </ul></div></div></header></div>
        
        <div class="box2">
            <h6>Hello</h6>
            <p><?php

```

```

        session_start();
        if($_SESSION['login']=="True"){
            echo $_SESSION['username'];}
        ?></p>
</div></body></html>

```

3.1 Alarm page:

```

<html>
<head>
    <title>Old Alarm</title>
</head><body>
    <div class="Alarm">
        <form action="Progress.php" method="post">
            <input type="submit" value="Table taken">
        </form>
        <h3><?php
            $connect=mysqli_connect('localhost','root','','project2');
            if(!$connect){
                echo"Failed in connection";}
            session_start();
            if($_SESSION['login']=="Ture"){
                $name=$_SESSION['username'];
                $password=$_SESSION['password'];}
            $sql="SELECT Mtime , Aftime ,Etime FROM tabletime WHERE
PatientName ='$name' AND Password = '$password'";
            $result=(mysqli_query($connect,$sql));
            if(mysqli_num_rows($result)>0){
                while($row=mysqli_fetch_assoc($result)){
                    $Morningtime = $row['Mtime'];
                    $Afternoontime = $row['Aftime'];
                    $Eveningtime = $row['Etime'];}}
            if($Morningtime<='CURTIME()'){
                $audio ="ticktac.ogg";
            echo"Time to take Tablet";

```

```

echo"Please click the below button if your have taken tablet";
echo'<script>alert("Time to take tablet")</script>';
    echo'<audio autoplay="True" style="display:none;">
<source src="'. $audio.'" type="audio/wav"></audio>';}
        elseif($Afternoontime<='CURTIME()'){
            $audio ="ticktac.ogg";
        echo"Time to take Tablet";
        echo"Please click the below button if your have taken tablet";
        echo'<script>alert("Time to take tablet")</script>';
        echo'<audio autoplay="True" style="display:none;">
<source src="'. $audio.'" type="audio/wav"></audio>';}
            elseif($Eveningtime=='CURTIME()'){
                $audio ="ticktac.ogg";
        echo"Time to take Tablet";
        echo"Please click the below button if your have taken tablet";
            echo'<script>alert("Time to take tablet")</script>';
            echo'<audio autoplay="True" style="display:none;">
<source src="'. $audio.'" type="audio/wav"></audio>';}
                else{
                    echo"No Alarm";}
                mysqli_close($connect);?>
</h3></div>
<div class="tabletbox">
    <h6>Time to take tablet</h6>
    <p><?php
        $connection= mysqli_connect('localhost','root','','project2');
        $sql=("SELECT morningtablet , afternoontablet ,eveningtablet FROM
tablets WHERE Password ='$password'");
        $result=mysqli_query($connection , $sql);
        if(mysqli_num_rows($result)>0){
            while($row=mysqli_fetch_assoc($result)){
                echo"Morning Tablet    : {$row['morningtablet']}<br/>".
                    "Afternoon Tablet : {$row['afternoontablet']}<br/>".
                    "Evening Tablet    : {$row['eveningtablet']}<br/>"}

```

```

        else{
            echo"Records not found...";}
        mysqli_close($connection);
        ?></p></div>
<div class="time">
    <h6>Timing</h6>
    <p><?php
        $connect=mysqli_connect('localhost','root','','project2');
        if(!$connect){
            echo("Error in connection");}
        if($_SESSION['login']=='true'){
            $password=$_SESSION['password'];}
        $sql="SELECT Mtime,Aftime ,Etime FROM tabletime WHERE Password =
        $password";
        $result=mysqli_query($connect,$sql);
        if(mysqli_num_rows($result)>0){
            while($row= mysqli_fetch_assoc($result)){
                echo"Morning Time {$row['Mtime']} ,Afternoon Time
        {$row['Aftime']},Evening Time {$row['Etime']}";}}
        else{
            echo"No records found";}
        mysqli_close($connect);
        ?></p></div>
<div class="progress"><ul>
    <li><h2><a href="Activity.php">Progress</a></h2></li></ul>
</div>
</body></html>

```

3.1.1 Activity page:

```

<?php
$conn=mysqli_connect('localhost','root','','project2');
if(!$conn){
    echo"Connection Failed";}
session_start();

```

```

if($_SESSION['login']=="true"){
    $name = $_SESSION['username'];
    $password = $_SESSION['password'];
    $sql="SELECT * FROM patientactivity WHERE Date=CURDATE() AND
    Password='$password'";
    $result=mysqli_query($conn,$sql);
    if(mysqli_num_rows($result)>0){
        while($row=mysqli_fetch_assoc($result)){
            echo"Patient Name: {$row['PatientName']}<br/>",
            "Date: {$row['Date']}<br/>",
            "Time: {$row['Time']}<br/>";}}
    mysqli_close($conn);
?>

```

3.1.2 Progress page:

```

<?php
$conn = mysqli_connect('localhost','root','','project2');
session_start();
if($_SESSION['login']=="true"){
    $name=$_SESSION['username'];
    $password=$_SESSION['password'];
    $sql="SELECT * FROM progress WHERE PatientName='$name' AND
    Password='$password'";
    $result=(mysqli_query($conn,$sql));
    if(mysqli_num_rows($result)>0){
        while($row=mysqli_fetch_assoc($result)){
            $r1=$row['Progress']; }}
    $r1++;
    $sql1=("UPDATE progress SET progress ='$r1' WHERE PatientName='$name'
    AND Password=$password ");
    $sql2="INSERT INTO patientactivity (PatientName>Password>Date,Time)
    VALUES('$name','$password',CURDATE(),CURTIME())";
    if(mysqli_query($conn,$sql1))
        if(mysqli_query($conn,$sql2)){

```

```

        echo "Inserted successfully";}
else {
    echo "Failed";}
mysqli_close($conn);
?>

```

3.2 Emergency:

```

<?php
$connect = mysqli_connect("localhost","root","","project2");
session_start();
if($_SESSION['login']=="true"){
    $name=$_SESSION['username'];
    $password =$_SESSION['password'];
    $sql="INSERT INTO
emergency(PatientName>Password ,date ,time)VALUES('$name','$password',CU
RDATE(),CURTIME())";
    $sql1 ="UPDATE project SET Emergency = CURDATE() ,Etime =CURTIME()
WHERE FirstName = '$name' AND Password = '$password'";
    if(mysqli_query($connect , $sql))
        if(mysqli_query($connect , $sql1)){
            echo"Sent successfully...";}
    else{
        echo"Failed";}
    mysqli_close($connect);
?>

```

4. New tablet entries:

```

<html>
<head>
    <title>New Alarm</title>
</head>
<body>
    
    <div class="box">

```

```

        <form action="New tablet name.php" method="post">
        <h1>Tablet Details</h1><ul>
<li>Morning:<input type="text" name="mtablet"></li>
<li>Afternoon:<input type="text" name="aftablet"></li>
<li>Evening:<input type="text" name="evtablet"></li>
        <input type="submit" value="Submit"></ul>
    </form>
</div>
</body></html>

```

PHP:

```

<?php
$connect = mysqli_connect('localhost','root','','project2');
if(!$connect){
    echo"Failed to connect...";}
session_start();
if($_SESSION['login']=="true"){
    $name = $_SESSION['username'];
    $password = $_SESSION['password'];}
$mtablet = $_POST['mtablet'];
$aftablet = $_POST['aftablet'];
$evtablet = $_POST['evtablet'];
$sql="INSERT INTO
tablets(PatientName ,Password ,morningtablet,afternoontablet,eveningtablet)VAL
UES('$name','$password','$mtablet','$aftablet', '$evtablet')";
if(mysqli_query($connect , $sql)){
    echo"Inserted successfully";}
else{
    echo"Failed";}
mysqli_close($connect);
?>

```

4.1 New Tablet timing entries:

```

<html>

```

```

<head>
<title>Tablet Time</title></head><body>
    
    <div class="box1">
        <form action="New tablet time.php" method="post">
            <h1>Tablet Timing</h1><ul>
<li>Morning:<input type="time" name="mtime"></li>
<li>Afternoon:<input type="time" name="aftime"></li>
<li>Evening:<input type="time" name="etime"></li>
                <input type="submit" value="Submit"></ul></form>
            </div>
</body></html>

```

Php:

```

<?php
$connect = mysqli_connect('localhost','root','','project2');
if(!$connect){
    echo"Failed to connect...";}
session_start();
if($_SESSION['login']=="true"){
    $name = $_SESSION['username'];
    $password = $_SESSION['password'];}
$mtime = $_POST['mtime'];
$aftime = $_POST['aftime'];
$etime = $_POST['etime'];
$sql="INSERT INTO
tablettime(PatientName>Password,Mtime,Aftime,etime)VALUES('$name','$password',
'$mtime','$aftime', '$etime')";
if(mysqli_query($connect,$sql)){
    echo"Inserted successfully";}
else{
    echo"Failed";}
mysqli_close($connect);
?>

```

4. Appointment Details:

```

<html>
<head>
    <title>Appointment Details</title></head>
<body>
    <div class="Box">
        <h6>Appointment</h6><p>
<?php
$servername="localhost";
$username="root";
$password="";
$dbname="project2";
$conn =mysqli_connect($servername , $username , $password , $dbname);
if(!$conn){
    echo("Connection failed");}
session_start();
if($_SESSION['login']=="True"){
    $name=$_SESSION['username'];
    $password=$_SESSION['password'];}
$sql="SELECT * FROM appointment WHERE Name='$name'";
$result=mysqli_query($conn,$sql);
if(mysqli_num_rows($result)>0){
    while($row =mysqli_fetch_assoc($result)){
        echo"Patient Name :{$row['Name']}<br/>".
            "Appointment Date :{$row['Date']}<br/>".
            "Phone No :{$row['PhoneNo']}<br/>".
            "Time :{$row['Time']}<br/>";}}
mysqli_close($conn);?></p>
    </div>
</body></html>

```

5. Doctor Details:

```

<html>
    <head><title>Doctor Details</title>
    </head><body>

```

```

        <div class="Box">
            <h1>Doctor Details</h1>
        <p><?php
$connect= mysqli_connect("localhost","root","","project2");
session_start();
if($_SESSION['login']=="True"){
    $name=$_SESSION['username'];
    $password=$_SESSION['password'];}
$sql="SELECT  project.DoctorName ,doctor.Qualification , doctor.Address,
doctor.PhoneNo FROM project INNER JOIN doctor ON
project.DoctorName=doctor.DoctorName WHERE project.Password='$password'";
$result = mysqli_query($connect ,$sql);
if(mysqli_num_rows($result)>0){
    while($row = mysqli_fetch_assoc($result)){
        echo
            "DoctorName      :      {$row['DoctorName']}<br/>".
            "Qualification :      {$row['Qualification']}<br/>".
            "Address          :      {$row['Address']}<br/>".
            "Phone No        :      {$row['PhoneNo']}<br/>";}}
?></p></div>
        
    </body></html>

```