

SUMMER TRAINING REPORT

ON

HOSPITAL WEBSITE

Submitted in Partial Fulfillment of

Course - Institutional / Summer Training CSY-210

At

CHANDIGARH UNIVERSITY, GHARUAN

BATCH (2020-2024)

BACHELOR OF ENGINEERING

(Computer Science & Engineering)



SUBMITTED BY:

NAME – KARANVIR SINGH

UID – 20BCS3154

CLASS – BE-CSE 18(b)

CONTENT

1.0 INTRODUCTION

~~1.0~~ 1.1) *About the topic*

1.2) *Software requirement*

2.0 METHODOLOGY

2.1) *Case diagram*

2.2) *flow chart diagram*

3.0 CODE

3.1 *HTML CODE*

3.2 *Appointment.php*

3.3 *Pay.php*

4.0 RESULTS AND DISCUSSION

4.1 *Home page Interface*

4.2) *Home page*

4.3) *Appointment page*

4.4) *Online payment page*

5.0 CONCLUSIONS

6.0 BIBLIOGRAPHY

CHANDIGARH UNIVERSITY, GHARUAN, MOHALI

CANDIDATE'S DECLARATION

I Deepak hereby declare that I have undertaken Summer Training and developed a project titled A Hospital website during a period from 05-05-2020 to 10 -06 -2020 in partial fulfillment of requirements for the award of the degree of B.E (COMPUTER SCIENCE & ENGINEERING) at CHANDIGARH UNIVERSITY GHARUAN, MOHALI. The work which is being presented in the training report submitted to the Department of Computer Science & Engineering at CHANDIGARH UNIVERSITY GHARUAN, MOHALI is an authentic record of training work.

KARAN

Signature of the Student

The training Viva-Voce Examination of _____ has been held
on _____ and accepted.

Signature of Internal Examiner

Examiner

Signature of External

HOSPITAL WEBSITE

1) INTRODUCTION TO THE HOSPITAL WEBSITE PROJECT:

1.1) ABOUT THE TOPIC:

Health of citizen is the wealth of the nation. India has contributed the most in ancient Medical science "Ayurveda" to the world besides other medical sciences. The field has witnessed a rapid metamorphosis in all the sections. Hospital website is designed to improve the quality and management of hospital.

The project Hospital website includes appointment of doctors, storing the details of patient into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the details of every patient automatically. It includes making appointment and making online payment option.

The Hospital website can be opened using xamp. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data is well protected for personal use and makes the data processing very fast.

Hospital website is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

Hospital website is designed for multispeciality hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital website that provides relevant information across the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless flow.

Hospital website is a software product suite designed to improve the quality and management of hospital management in the areas of clinical process analysis and activity-based costing. Hospital website enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes

1.2) SOFTWARE REQUIREMENTS:

Software Requirements deal with defining software resource requirements and pre-requisites that need to be installed on a computer to provide optimal functioning of an application. These requirements or pre-requisites are generally not included in the software installation package and need to be installed separately before the software is installed.

SOFTWARE REQUIREMENTS FOR PRESENT PROJECT:

OPERATING SYSTEM : Windows 10
FRONT END : Html5,css,java script,Jquery
SERVER SIDE SCRIPT : Php

DATABASE : Mysql

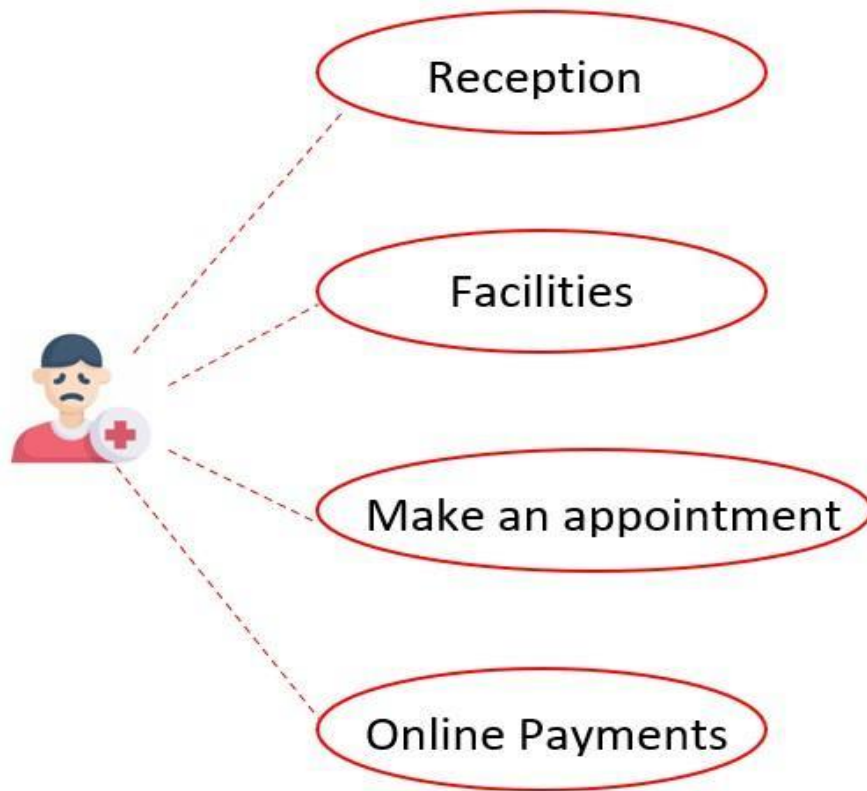
2)METHODOLOGY

2.1)USE CASE DIAGRAM:

A case diagram in the Unified Modeling Language(UML) is a type of behavioral diagram defined by and created from a use-case analysis.its purpose is to present a graphical overview of the functionality provided by a system in terms of actors, their goals(represented as use cases),and any dependencies between those use cases.

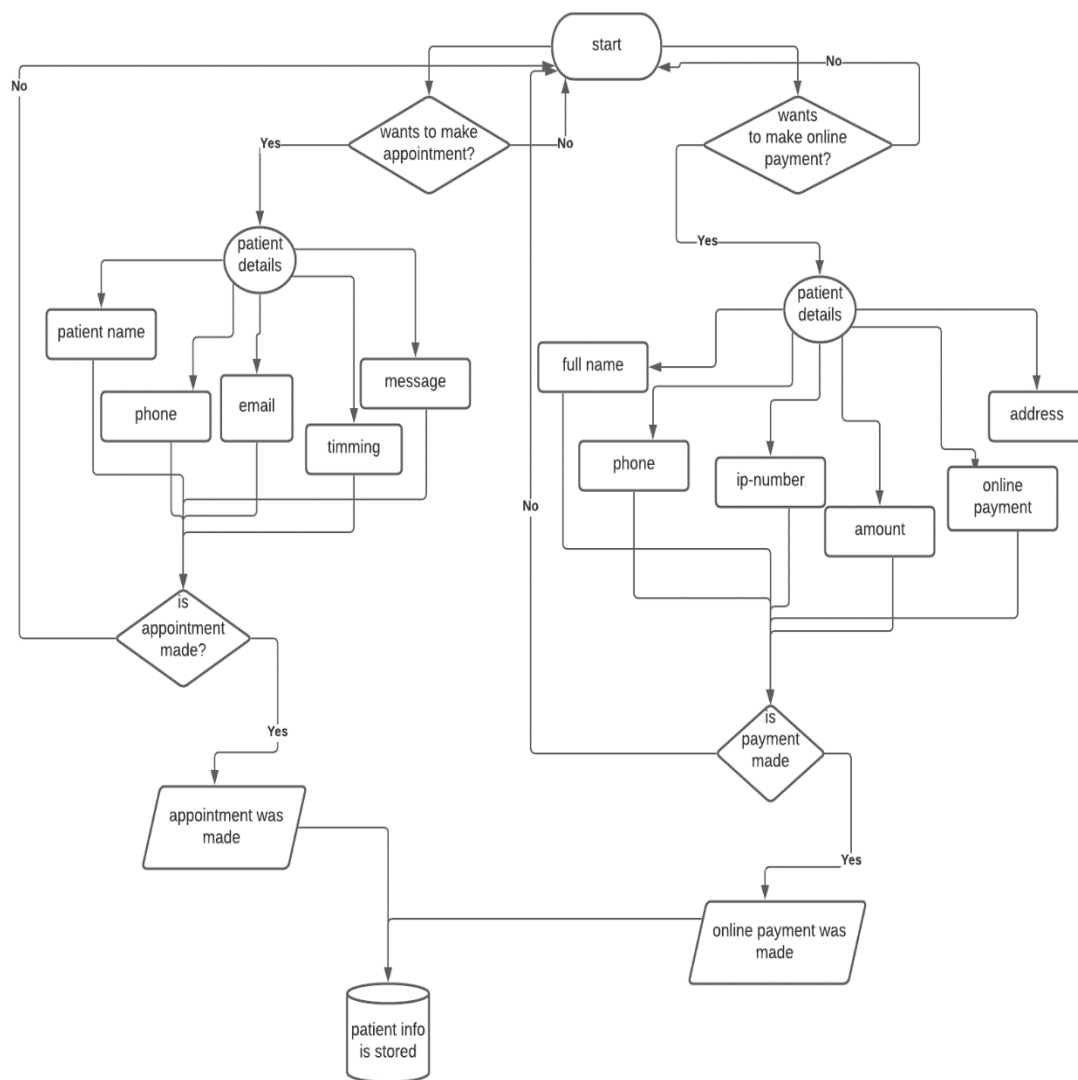
Use case diagrams are formally included in two modeling languages defined by the OMG:theunfied modeling language(UML) and the systems modeling language(sysML)

Use case diagram of our project:



2.2)Flowchart Diagram:

The state diagram shows the states of an object and represents activities as arrows connecting the states. The Activity Diagram highlights the activities. Each activity is represented by a parallelogram for the condition is fulfilled or not. An arrow represents the transition from the one activity to the next. The activity diagram has a starting point represented by filled with an oval shape, and an end point represented by database type symbol.



3)CODE:

3.1)HTML SAMPLE CODE:

```

<!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>Health Care | Best hospitals in Punjab</title>

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/magnific-popup.js/1.1.0/magnific-popup.min.css">

```



```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/5.0.2/css/bootstrap-grid.min.css">
```

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
```

```
<link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">  
<link rel="stylesheet" href="css/hospital.css">  
<link rel="stylesheet" href="css/touch.css">
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<div class="container">
```

```
<a href="#" class="logo"><span>H</span>ealth<span>C</span>are.</a>
```

```
<nav class="nav">
```

```
<ul>
```

```
<li><a href="#home">Home</a></li>
```

```
<li><a href="#about">About</a></li>
```

```
<li><a href="#facility">Facility</a></li>
```

```
<li><a href="#review">Review</a></li>
```

```
<li><a href="#contact">Contact</a></li>
```

```
<li><a href="#post">Post</a></li>
```

```
<li>
```

```
<div class="nav_contact">
```

```
<p class="red">For emergency : +91 10000000011</p>
```

```
<p>24 hours contact : +91 20000000022</p>
```

```
</div>
```

```
</li>
```

```
</ul>
```

```
</nav>
```

```
<div class="fas fa-bars"></div>
```

```
</div>
```

```
</header>
```

```
<section class="home" id="home">
```

```
<div class="container">
```

```
<div class="row min-vh-100 align-items-center text-center text-md-left">
```

```
<div class="col-md-6 pr-md-5" data-aos="zoom-in">
```

```

```

```
</div>
```

```
<div class="col-md-6 pl-md-5 content " data-aos="fade-left">
```

```
<h1><span>stay</span> safe,<span>stay</span> healthy.</h1>
```

```
<h3>caring for you.</h3>
```

```
<a href="#"><button class="button">learn more</button></a>
```

```
</div>
```

```
</div>
```

```

    </div>
</section>

<section class="about" id="about">
  <div class="container">
    <div class="row min-vh-100 align-items-center text-center text-md-left">
      <div class="col-md-6 content" data-aos="fade-right">
        <div class="box">
          <h3> <i class="fas fa-ambulance"></i>ambulance services</h3>
          <p>Lorem ipsum dolor sit amet consectetur adipisicing elit
        .</p>
        </div>
        <div class="box">
          <h3> <i class="fas fa-procedures"></i>emergency rooms</h3>
          <p>Lorem ipsum dolor sit amet consectetur adipisicing elit
        .</p>
        </div>
        <div class="box">
          <h3> <i class="fas fa-stethoscope"></i>free check ups</h3>
          <p>Lorem ipsum dolor sit amet consectetur adipisicing elit
        .</p>
        </div>
      </div>
      <div class="col-md-6 d-none d-md-block" data-aos="fade-left">
        
      </div>
    </div>
  </div>
</section>

<section class="facility" id="facility">
  <div class="container">
    <h1 class="heading"><span>'</span>our facilities<span>'</span></h1>
    <div class="box-container">
      <div class="box" data-aos="zoom-in">
        <a href="images/doc_team.jpg" title="our team">
          
        </a>
      </div>
      <div class="box" data-aos="zoom-in">
        <a href="images/lab.jpg" title="our lab">
          
        </a>images/
      </div>
      <div class="box" data-aos="zoom-in">
        <a href="images/room.jpg" title="emergency rooms">
          
        </a>
      </div>
      <div class="box" data-aos="zoom-in">
        <a href="images/exp_doc.jpg" title="expert doctors">

```

```

        
    </a>
</div>
<div class="box"data-aos="zoom-in">
    <a href="images/male_exp.jpg" title="expert doctors">
        
    </a>
</div>
<div class="box"data-aos="zoom-in">
    <a href="images/em2.jpg" title="emergency rooms">
        
    </a>
</div>
<div class="box"data-aos="zoom-in">
    <a href="images/both.png" title="expert doctors">
        
    </a>
</div>
<div class="box"data-aos="zoom-in">
    <a href="em4.jpg" title="emergency rooms">
        
    </a>
</div>

<div class="box"data-aos="zoom-in">
    <a href="images/bed.jpg" title="enough beds">
        
    </a>
</div>

</div>
</div>
</div>
</section>
<section class="review" id="review">
    <div class="container">
        <h1 class="heading"><span>'</span>people's review<span>'</span></h1>
        <div class="box-container">
            <div class="box"data-aos="fade-right">
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Corporis
                atque, beatae in totam exercitationem, dolores eius odio sit fugit aliquam
                assumenda nesciunt quasi hic eveniet labore consectetur nihil officia iure!</p>

                <h3>someone's name</h3>
                <span>jan 5,2021</span>
                
            </div>
            <div class="box"data-aos="fade-up">
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Corporis
                atque, beatae in totam exercitationem, dolores eius odio sit fugit aliquam
                assumenda nesciunt quasi hic eveniet labore consectetur nihil officia iure!</p>

                <h3>someone's name</h3>
                <span>jan 7,2021</span>
                
            </div>

```

```

        <div class="box" data-aos="fade-left">
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Corporis atque, beatae in totam exercitationem, dolores eius odio sit fugit aliquam assumenda nesciunt quasi hic eveniet labore consectetur nihil officia iure!</p>
            <h3>someone's name</h3>
            <span>jan 9,2021</span>
            
        </div>
    </div>
</div>
</section>
<section class="counter">
    <div class="container">
        <div class="box-container">
            <div class="box" data-aos="fade-up">
                <i class="fas fa-hospital"></i>
                <span>120+</span>
                <h3>Hospitals</h3>
            </div>
            <div class="box" data-aos="fade-up">
                <i class="fas fa-users"></i>
                <span>100+</span>
                <h3>Staffs</h3>
            </div>
            <div class="box" data-aos="fade-up">
                <i class="fas fa-smile"></i>
                <span>1200+</span>
                <h3>Happy Patients</h3>
            </div>
            <div class="box" data-aos="fade-up">
                <i class="fas fa-procedures"></i>
                <span>130+</span>
                <h3>Bed Facilities</h3>
            </div>
        </div>
    </div>
</section>
<section class="contact" id="contact">
    <div class="empty"></div>

    <div class="container min-vh-100">

        <div class="row justify-content-center">
            <h1 class="heading"><span>'</span> make an appointment <span>'</span></h1>

            <div class="col-md-10" data-aos="flip-down">

                <form action="">
                    <button class="button"><a href="appointment.php" style="color: #fff;">make appointment
                    </a></button>

                </form>
            </div>
        </div>
    </div>

```

```

        </div>

    </div>

</div>
</section>
<section class="pay" id="pay">

    <div class="container min-vh-100">

        <div class="row justify-content-center">

            <h1 class="heading"><span>'</span> make online payment <span>'</span></h1>

            <div class="col-md-10" data-aos="flip-down">

                <form action="">
                    <button class="button"><a href="pay.php" style="color: #fff; ">make online payment
                    </a></button>

                </form>

            </div>

        </div>

    </div>

</section>

<section class="post" id="post">
    <div class="container min-vh-100">
        <h1 class="heading"><span>'</span>out posts<span>'</span></h1>
        <div class="box-container">
            <div class="box" data-aos="fade-right">
                
                <div class="content">
                    <span>jan 5,2021</span>
                    <a href="#"><h3>posts title goes here</h3></a>
                    <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Sapiente reprehenderit possimus quidem unde nulla saepe cupiditate beatae atque hic odit?</p>
                    <a href="#"><button class="button">learn more</button></a>
                </div>
            </div>
            <div class="box" data-aos="fade-up">
                
                <div class="content">
                    <span>jan 5,2021</span>
                    <a href="#"><h3>posts title goes here</h3></a>

```

```

        <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit.
        Sapiente reprehenderit possimus quidem unde nulla saepe cupiditate beatae atque
        hic odit?</p>
        <a href="#"><button class="button">learn more</button></a>
    </div>
</div>
<div class="box" data-aos="fade-left">
    
    <div class="content">
        <span>jan 5,2021</span>
        <a href="#"><h3>posts title goes here</h3></a>
        <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit.
        Sapiente reprehenderit possimus quidem unde nulla saepe cupiditate beatae atque
        hic odit?</p>
        <a href="#"><button class="button">learn more</button></a>
    </div>
</div>
</div>
</div>
</div>
</section>
<section class="footer">
    <div class="container">
        <div class="row">
            <div class="col-md-4" data-aos="fade-right">
                <a href="#" class="logo"><span>H</span>ealth<span>C</span>are.
</a>
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. At
                que facere tempore iure odio a tenetur magnam error eos nostrum temporibus ill
                um voluptates alias eveniet deserunt esse fugiat libero, laudantium mollitia?<
                /p>
            </div>
            <div class="col-md-4 text-center" data-aos="fade-up">
                <h3>links</h3>
                <a href="#home">home</a>
                <a href="#about">about</a>
                <a href="#facility">facility</a>
                <a href="#review">review</a>
                <a href="#contact">contact</a>
                <a href="#post">post</a>
            </div>
            <div class="col-md-4 text-center" data-aos="fade-left">
                <h3>share</h3>
                <a href="https://www.facebook.com/">facebook</a>
                <a href="https://twitter.com/">twitter</a>
                <a href="https://www.instagram.com/">instagram</a>
                <a href="https://github.com">github</a>
            </div>
        </div>
    </div>
</div>
<h1 class="credit text-center mx-auto">created by <span>web developer</span>| all rights reserved.</h1>
</section>

```

```

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/magnific-popup.js/1.1.0/jquery.magnific-popup.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/aos/2.3.4/aos.js"></script>

    <script src="js/main.js"></script>

    <script >
        AOS.init({
            duration:1000;
            delay:400;
        })
    </script>
</body>
</html>

```

3.2) APPOINTMENT.PHP

```

<?php
$insert = false;
if(isset($_POST['name'])){
    $server = "localhost" ;
    $username = "root" ;
    $password = "";

    $con = mysqli_connect($server, $username, $password);

    if(!$con){
        die("connection to this database failed due to" . mysqli_connect_error());
    }

    $name = $_POST['name'];
    $phone = $_POST['phone'];
    $email = $_POST['email'];
    $time = $_POST['time'];
    $message = $_POST['message'];

    $sql = "INSERT INTO `appointment`.`appointment` (`Name`, `Phone`, `Email`, `Time`, `Message`) VALUES ( '$name', '$phone', '$email', '$time', '$message')";

    if($con->query($sql) == true){
        // echo "Appointment successfully submitted";
        $insert = true;
    }
    else{
        echo "ERROR: $con->error";
    }
}

```



```

        </div>

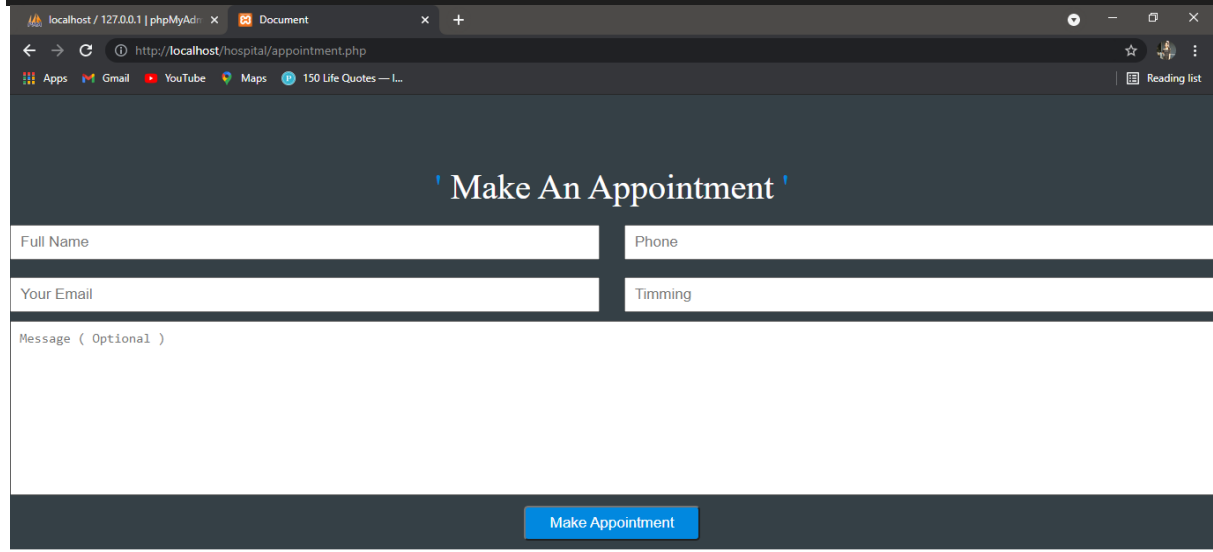
    </div>

</section>

<?php
    if($insert == true){
        echo "<p class='submitMsg' <big>
            Congratulations! </big>
            Your appointment is booked successfully
        </p>";}
    ?>
    <script src="js/appointment.js"></script>

</body>
</html>

```



The screenshot shows a web browser window with the URL `http://localhost/hospital/appointment.php`. The page displays a form titled "Make An Appointment". The form includes four input fields: "Full Name", "Phone", "Your Email", and "Timming". Below these is a large text area labeled "Message (Optional)". At the bottom of the form is a blue button labeled "Make Appointment". The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates a temperature of 33°C, the date 12-07-2021, and the time 17:03.

3.3)PAY.PHP

```

<?php
$insert = false;
if(isset($_POST['name'])){
    $server = "localhost" ;
    $username = "root" ;
    $password = "";

    $con = mysqli_connect($server, $username, $password);

```

```

        if(!$con){
            die("connection to this database failed due to" . mysqli_connect_error
());
        }

        $name = $_POST['name'];
        $phone = $_POST['phone'];
        $IP = $_POST['IP'];
        $Amount = $_POST['Amount'];
        $Payment = $_POST['Pay'];
        $Address = $_POST['address'];

        $sql = "INSERT INTO `payment`.`pay` (`Full Name`, `Phone`, `IP-
Number`, `Amount`, `Online Payment`, `Address`, `DT`) VALUES ('$name', '$phone
', '$IP', '$Amount', '$Payment', '$Address', current_timestamp());";

        if($con->query($sql) == true){
            // echo "Appointment successfully submitted";
            $insert = true;
        }
        else{
            echo "ERROR: $con->error";
        }

        $con->close();
    }
?>

<!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>Payments | Health Care</title>

<link rel="stylesheet" href="css/hospital.css">
<link rel="shortcut icon" href="images/Pay_favicon.ico" type="image/x-icon">
</head>
<body>

<?php
    if($insert == true){
        echo "<div class='submit'><p >ThankYou!
        <br>
        Your Payment was received

        <style>
        .pay .heading{
            display: none}
        .pay form
            {display: none;}
        </style>";
    }

```



```
</section>

<script src="js/appointment.js"></script>

</body>
</html>
```

The screenshot displays a web browser window with the address bar showing 'http://localhost/hospital/pay.php'. The page title is 'Online Payment'. The form contains the following elements:

- Full Name (text input)
- Phone (text input)
- IP-NUMBER (text input)
- Amount (text input)
- Online Payment (dropdown menu)
- Address (large text area)
- Make Payment (blue button)

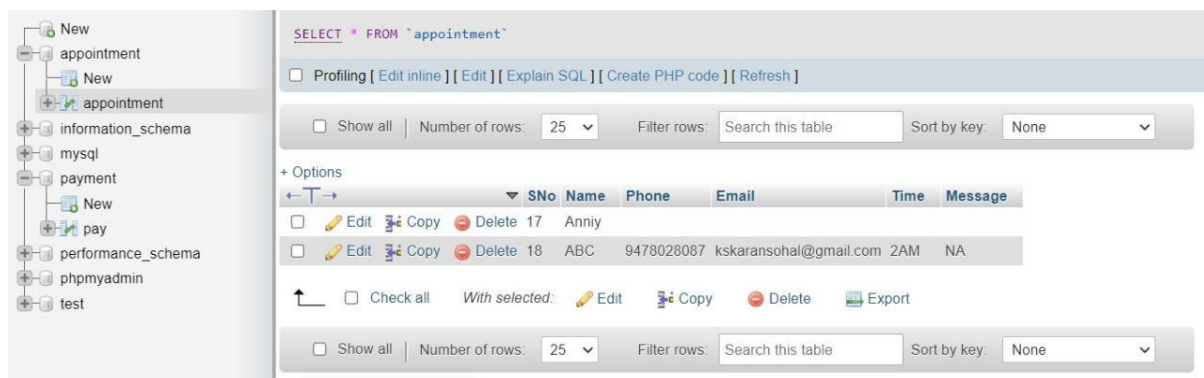
The Windows taskbar at the bottom shows the search bar, task view, and various application icons. The system tray on the right indicates a temperature of 33°C, signal strength, and the date/time: 17:04, 12-07-2021.

4.0 RESULTS AND DISCUSSION

4.1 Home page Interface

The system is home to a variety of applications. It displays all the information of patient. . The form was developed using HTML and PHP. Several types have been developed that allow users to perform the following tasks: the User is the Record of the personal data, the Search space of Price and time,, and View the reports that are generated by the system administrator Figure 1. Showing the Home page Interface.

These are some records from Hospital website for appointment:



The screenshot shows a web application interface with a sidebar on the left containing a tree view of database schemas and tables. The main area displays a table named 'appointment' with the following columns: SNo, Name, Phone, Email, Time, and Message. The table contains two records. Above the table, there is a SQL query editor showing 'SELECT * FROM `appointment`' and a toolbar with options like Profiling, Edit inline, Edit, Explain SQL, Create PHP code, and Refresh. Below the table, there are controls for showing all rows, number of rows (25), filter rows (Search this table), and sort by key (None). There are also options for editing, deleting, and exporting the data.

SNo	Name	Phone	Email	Time	Message
17	Anniy				
18	ABC	9478028087	kskaransohal@gmail.com	2AM	NA

These are some records from Hospital website for payment:

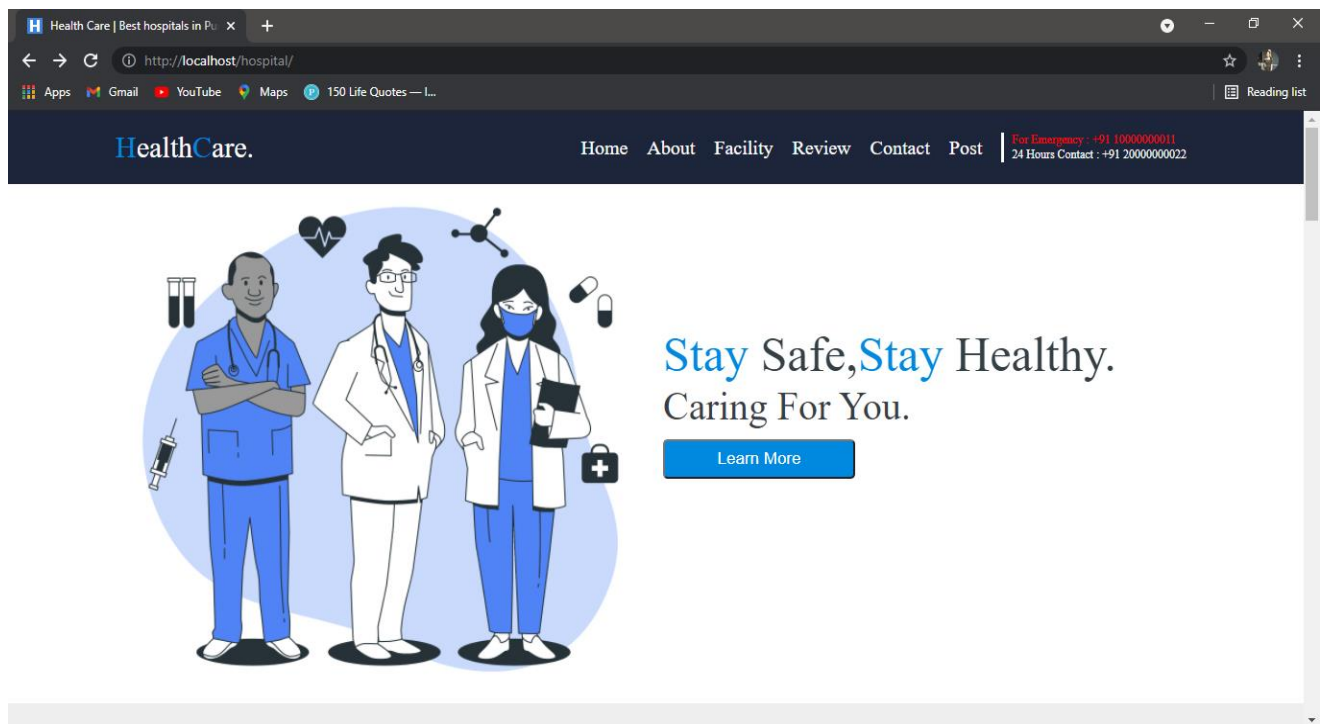


The screenshot shows a web application interface with a sidebar on the left containing a tree view of database schemas and tables. The main area displays a table named 'pay' with the following columns: SNo, Full Name, Phone, IP-Number, Amount, Online Payment, Address, and DT. The table contains three records. Above the table, there is a SQL query editor showing 'SELECT * FROM `pay`' and a toolbar with options like Profiling, Edit inline, Edit, Explain SQL, Create PHP code, and Refresh. Below the table, there are controls for showing all rows, number of rows (25), filter rows (Search this table), and sort by key (None). There are also options for editing, deleting, and exporting the data.

SNo	Full Name	Phone	IP-Number	Amount	Online Payment	Address	DT
7	Karnavir Singh	947802808	123	100000		Ward no.0	2021-07-05 12:58:38
8	Gunn Soni	999999999	123	10000		Ward no.0	2021-07-05 20:35:43
9	Karanvir	947802808	123	5000		Punjab	2021-07-13 18:39:19

4.2 User Home Page

The figure below shows the main page of website. The page of the website, that is, consists of navigation bar and the logo of website health care and as a patient it can navigate all along the website.



4.3 Appointment page:

The Figure shows the appointment page of a patient when patient wants to make an appointment; this page serves as evidence of appointment for the user

A screenshot of a web browser displaying a form titled "Make An Appointment". The browser's address bar shows "http://localhost/hospital/appointment.php". The form has a dark blue header with the title. Below the header, there are four input fields: "Full Name", "Phone", "Your Email", and "Timing". Below these is a large text area labeled "Message (Optional)". At the bottom of the form is a blue button labeled "Make Appointment".

4.4 Online payment page:

The Figure shows the online payment page of a patient when patient wants to make an online payment on the application; this page serves as evidence of payment for the user

A screenshot of a web browser displaying a form titled "Online Payment". The browser's address bar shows "http://localhost/hospital/pay.php". The form has a dark blue header with the title. Below the header, there are four input fields: "Full Name", "Phone", "IP-NUMBER", and "Amount". Below these is a dropdown menu labeled "Online Payment" with a downward arrow. Below the dropdown is a large text area labeled "Address". At the bottom of the form is a blue button labeled "Make Payment".

5.0 CONCLUSIONS

Since we are entering details of the patients electronically in the” Hospital website”, data will be secured. Using this application we can retrieve patient’s history with a single click. Thus processing information will be faster. It guarantees accurate maintenance of Patient details. It easily reduces the book keeping task and thus reduces the human effort and increases accuracy speed

6.0 Bibliography/Reference

Website link

<http://localhost/hospital/>

Content help link

<https://www.youtube.com/watch?v=pAzTbmKAsU8&t=769s>