Contents

Patient Portal

The patient portal allows for a patient to book an appointment by filling out a simple form. The entered data is saved into the patient_portal table of Hospital database. If the patient feels they need to cancel the appointment, they may do so by entering their phone number and clicking "Cancel Appointment". The phone number is looked up in the patient_portal table of Hospital database. If the number is found, the corresponding record is deleted. Otherwise the user is informed that no record exists against the entered phone number.

HTML Form Page:

Book an appointment with a Trusted Doctor Today!

Patient Name:	[_____]
Email:	[_____]
Contact Number:	[_____]
Appointment Time:	○ Morning ○ Evening ○ Night
Symptoms:	[_____]
	Book Appointment

Need To Cancel An Appointment?

Contact Number:	[_____]
	Cancel Appointment

HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Patient Form</title>
</head>
<body> <br>
<header>
<img src="logo.png" style="width: 500px; height: 100px; display: block;
margin-left: auto; margin-right: auto; display: block;">
</header>

<h1 style="text-align: center;">Book an appointment with a Trusted Doctor
Today!</h1>

<div>
    <fieldset> <br>
        <form action="patient_insert.php" method="post">
        Patient Name:<input type="text" name="name" style="width: 250px;
```

```
margin-left: 50px;"> <br> <br>
        Email:<input type="text" name="email" style="width: 250px; margin-
left: 99px;"><br> <br>
        Contact Number:<input type="text" name="contact" style="width: 250px;
margin-left:30px;"> <br> <br>
        Appointment Time:
            <input type="radio" name="time" value="Morning" style="margin-
left: 25px;"> Morning
            <input type="radio" name="time" value="Evening"> Evening
            <input type="radio" name="time" value="Night"> Night
        <br> <br>
        Symptoms: <textarea style="width: 250px; height: 50px; margin-left:
65px;" name="symptoms"></textarea> <br> <br>
        <input type="submit" style="margin-left: 50px; width: 250px;"
value="Book Appointment">
        </form>
</fieldset>
</div> <br> <br>

<h1 style="text-align: center;">Need To Cancel An Appointment?</h1>

<div>
    <fieldset> <br>
        <form action="patient_delete.php" method="post">
            Contact Number:<input type="text" name="del_contact"
style="width: 250px; margin-left:30px;"> <br> <br>
        <input type="submit" style="margin-left: 50px; width: 250px;"
value="Cancel Appointment">
        </form>
</fieldset>
</div>


</body>
</html>
```

Inserting Data:

Patient Name:	Ahad Anwar
Email:	ahadanwar123@gmail.com
Contact Number:	03494328407
Appointment Time:	○ Morning ● Evening ○ Night
Symptoms:	Cough, Fever, Dizziness.
	Book Appointment

When the "Book Appointment" button is clicked, following message is displayed.

Your appointment against contact number 03494328407 has been registered.

The input data is saved in patient_portal table of Hospital database, as shown below:

☑ Show all | Number of rows: [All ▾]   Filter rows: [Search this table]

+ Options

Patient_Name	Email	Contact_Number	Appointment_Time	Symptoms
Ahad Anwar	ahadanwar123@gmail.c	03494328407	Evening	Cough, Fever, Dizziness.

☑ Show all | Number of rows: [All ▾]   Filter rows: [Search this table]

Insert PHP Code:

```php
<?php
$servername = "localhost";
$username = "root";
$pass = "";
$db = "hospital";

$conn = new mysqli($servername, $username, $pass, $db);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$name = $_POST ['name'];
$email = $_POST ['email'];
$contact = $_POST ['contact'];
$time = $_POST ['time'];
$symptoms = $_POST['symptoms'];

$querry = "insert into patient_portal
(Patient_Name,Email,Contact_Number,Appointment_Time,Symptoms)
          values ('$name','$email','$contact','$time','$symptoms')";

$send_querry = mysqli_query($conn,$querry);

echo "Your appointment against contact number ".$contact." has been
registered.";
```
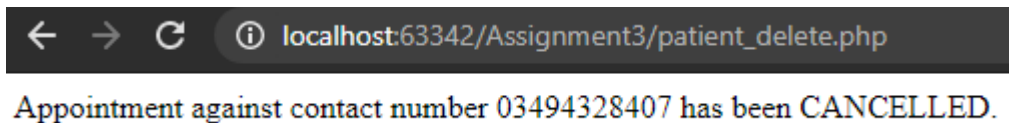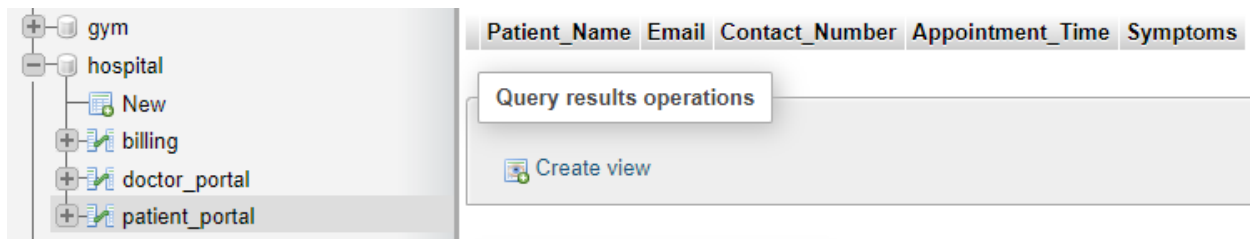
Deleting Record/Cancelling Appointment:

Contact Number: 03494328407

Cancel Appointment

When the "Cancel Appointment" button is clicked, the following message is displayed.

← → C ⓘ localhost:63342/Assignment3/patient_delete.php

Appointment against contact number 03494328407 has been CANCELLED.

The record is deleted from the patient_portal table of Hospital database, as shown below:

gym
hospital
    New
    billing
    doctor_portal
    patient_portal

| Patient_Name | Email | Contact_Number | Appointment_Time | Symptoms |

Query results operations

Create view

If the entered number does not exist in the table, the following message is displayed:

← → C ⓘ localhost:63342/Assignment3/patient_delete.php

There is NO Appointment Against Contact Number 090078601.

Delete PHP Code:

```php
<?php
$servername = "localhost";
$username = "root";
$pass = "";
$db = "hospital";

$conn = new mysqli($servername, $username, $pass, $db);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$del_contact = $_POST['del_contact'];

$querry = "select Contact_Number from patient_portal where Contact_Number =
'$del_contact'";
$result = mysqli_query($conn,$querry);
```

```php
if (mysqli_num_rows($result) > 0) {
    $querry1 = "delete from patient_portal where Contact_Number =
'$del_contact' ";
    $send_querry1= mysqli_query($conn,$querry1);
    echo "Appointment against contact number ".$del_contact." has been
CANCELLED.";
}
else {
    echo "There is NO Appointment Against Contact Number ".$del_contact.".";
}
```

Billing Portal

Billing portal allows for the billing person to save bill details of patients. The data is saved in the billing table of Hospital database. If the billing details are to be removed for a certain patient, they may be deleted using the phone number of the patient. If a record corresponding to the phone number exists in the table, it is deleted. Otherwise the billing person is alerted that no such record exists.

HTML Form Page:

HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Billing Portal</title>
</head>
<body style="background-color:honeydew;"> <br>
<header>
<img src="logo.png" style="width: 500px; height: 100px; display: block;
margin-left: auto; margin-right: auto; display: block;">
</header>

<h1 style="text-align: center;">Billing Portal</h1>
<h2 style="text-align: center;">Customer Billing Details</h2>

<div>
```

```html
    <fieldset> <br>
        <form action="billing_insert.php" method="post">
        Patient Name:<input type="text" name="name" style="width: 250px;
margin-left: 50px;"> <br> <br>
        Doctor Name:<input type="text" name="dname" style="width: 250px;
margin-left: 50px;"> <br> <br>
        Contact Number:<input type="text" name="contact" style="width: 250px;
margin-left:30px;"> <br> <br>
        Payment Method:
            <input type="radio" name="payment" value="Credit Card"
style="margin-left: 25px;"> Credit Card
            <input type="radio" name="payment" value="Cash"> Cash
        <br> <br>
        Bill Amount:<input type="text" name="bill_amount" style="width:
250px; margin-left:55px;"> <br> <br>
        Amount Paid:<input type="text" name="amount_paid" style="width:
250px; margin-left:50px;"> <br> <br>

        Insurance Provider:
            <input type="radio" name="insurance" value="Jubilee"
style="margin-left: 25px;"> Jubilee <br>
            <input type="radio" name="insurance" value="EFU Insurance"
style="margin-left: 155px;"> EFU Insurance <br>
            <input type="radio" name="insurance" value="Adamjee Insurance"
style="margin-left: 155px;"> Adamjee Insurance <br>
            <input type="radio" name="insurance" value="Alfalah Insurance"
style="margin-left: 155px;"> Alfalah Insurance <br>
            <input type="radio" name="insurance" value="Statelife Insurance"
style="margin-left: 155px;"> Sate Life Insurance <br>
            <input type="radio" name="insurance" value="None" style="margin-
left: 155px;"> NONE

        <br> <br>
        <input type="submit" style="margin-left: 50px; width: 250px;"
value="Save Billing Details">
        </form>
</fieldset>
</div> <br> <br>

<h2 style="text-align: center;">Delete Billing Data</h2>

<div>
    <fieldset> <br>
        <form action="billing_delete.php" method="post">
            Contact Number:<input type="text" name="del_contact"
style="width: 250px; margin-left:30px;"> <br> <br>
        <input type="submit" style="margin-left: 50px; width: 250px;"
value="Delete Billing Details">
        </form>
</fieldset>
</div>


</body>
</html>
```

Inserting Billing Details:

Patient Name:	Ahad Anwar
Doctor Name:	Dr. Muhammad Sarfaraz
Contact Number:	03494328407
Payment Method:	◉ Credit Card ○ Cash
Bill Amount:	5000
Amount Paid:	2500
Insurance Provider:	◉ Jubilee ○ EFU Insurance ○ Adamjee Insurance ○ Alfalah Insurance ○ Sate Life Insurance ○ NONE

Save Billing Details

When the button is clicked, following message is displayed on screen. The data is then saved in the billing table.

← → C ⓘ localhost:63342/Assignment3/billing_insert.php

Bill Data for Mr/Mrs Ahad Anwar has been saved against contact number 03494328407.

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

+ Options

Patient_Name	Doctor_Name	Contact_Number	Payment_Method	Bill_Amount	Amount_Paid	Insurance_Provider
Ahad Anwar	Dr. Muhammad Sarfara	03494328407	Credit Card	5000	2500	Jubilee

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table

Insert PHP Code:

```php
<?php
$servername = "localhost";
$username = "root";
$pass = "";
$db = "hospital";
```

```php
$conn = new mysqli ($servername, $username, $pass, $db);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$name = $_POST ['name'];
$dname = $_POST ['dname'];
$contact = $_POST ['contact'];
$payment = $_POST ['payment'];
$bill_amount = $_POST ['bill_amount'];
$amount_paid = $_POST ['amount_paid'];
$insurance = $_POST['insurance'];

$querry = "insert into billing
(Patient_Name,Doctor_Name,Contact_Number,Payment_Method,Bill_Amount,Amount_Pa
id,Insurance_Provider)
            values
('$name','$dname','$contact','$payment','$bill_amount','$amount_paid','$insur
ance')";

$send_querry = mysqli_query($conn,$querry);

echo "Bill Data for Mr/Mrs ".$name." has been saved against contact number
".$contact.".";
```
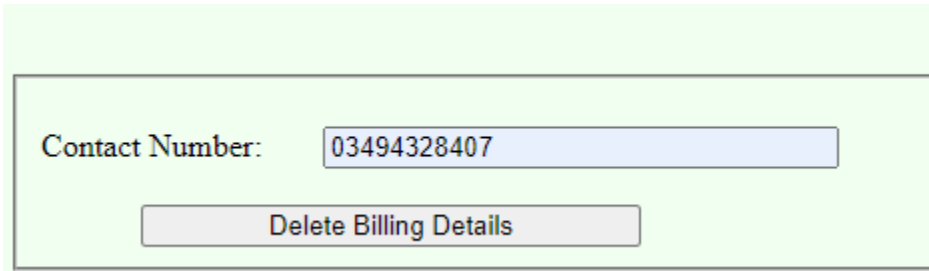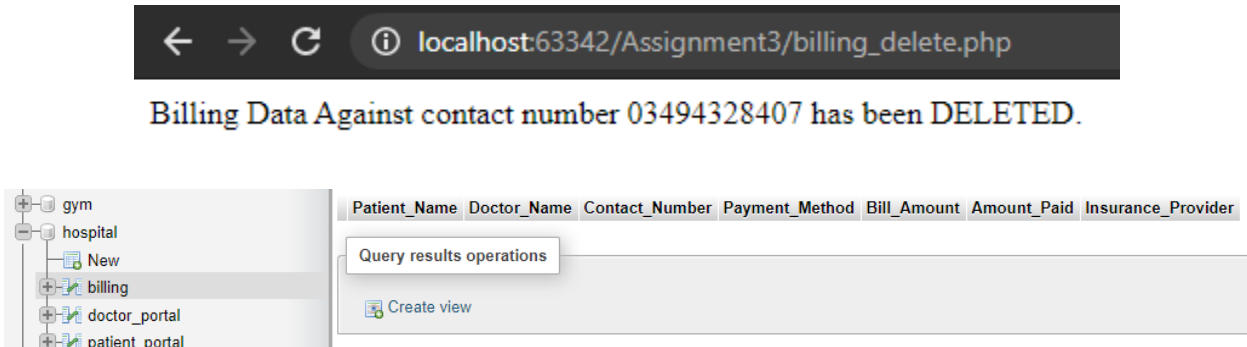
Deleting Billing Details:

Contact Number: 03494328407

Delete Billing Details

When the "Delete Billing Details" button is clicked, the following message is displayed. The data is deleted from the billing table of database.

← → C ⓘ localhost:63342/Assignment3/billing_delete.php

Billing Data Against contact number 03494328407 has been DELETED.

gym
hospital
    New
    billing
    doctor_portal
    patient_portal

Patient_Name Doctor_Name Contact_Number Payment_Method Bill_Amount Amount_Paid Insurance_Provider

Query results operations

Create view

If the entered number does not exist in the table, the following message is displayed.
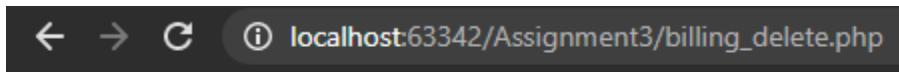
There is NO Billing Data against contact number 090078601.

Delete PHP Code:

```php
<?php

$servername = "localhost";
$username = "root";
$pass = "";
$db = "hospital";

$conn = new mysqli($servername, $username, $pass, $db);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$del_contact = $_POST['del_contact'];

$querry = "select Contact_Number from billing where Contact_Number =
'$del_contact'";
$result = mysqli_query($conn, $querry);

if (mysqli_num_rows($result) > 0) {
    $querry1 = "delete from billing where Contact_Number = '$del_contact' ";
    $send_querry1 = mysqli_query($conn, $querry1);
    echo "Billing Data Against contact number " . $del_contact . " has been
DELETED.";
} else {
    echo "There is NO Billing Data against contact number " . $del_contact .
".";
}
```

Doctor Portal

The doctor portal allows the doctor to save the patient diagnosis data. The doctor can fill a form and save the input data to doctor_portal table of Hospital database. If a patient dies or moves away, the doctor may delete his/her record using the phone number.

HTML Page:

HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Doctor's Portal</title>
</head>
<body style="background-color:ivory;"> <br>
<header>
<img src="logo.png" style="width: 500px; height: 100px; display: block;
margin-left: auto; margin-right: auto; display: block;">
</header>

<h1 style="text-align: center;">Doctor's Portal</h1>

<h2 style="text-align: center;">Insert Patient Record</h2>

<div>
    <fieldset> <br>
        <form action="doctor_insert.php" method="post">
        Patient Name:<input type="text" name="name" style="width: 250px;
margin-left: 50px;"> <br> <br>
        Contact Number:<input type="text" name="contact" style="width: 250px;
```

```
margin-left:30px;"> <br> <br>
        Symptoms: <textarea style="width: 250px; height: 50px; margin-left:
65px;" name="symptoms"></textarea> <br> <br>
        Diagnosis: <textarea style="width: 250px; height: 50px; margin-left:
70px;" name="diagnosis"></textarea> <br> <br>

        <input type="submit" style="margin-left: 50px; width: 250px;"
value="Save Patient Data">
        </form>
</fieldset>
</div> <br> <br>

<h2 style="text-align: center;">Delete Patient Data</h2>

<div>
    <fieldset> <br>
        <form action="doctor_delete.php" method="post">
            Contact Number:<input type="text" name="del_contact"
style="width: 250px; margin-left:30px;"> <br> <br>
        <input type="submit" style="margin-left: 50px; width: 250px;"
value="Delete Patient Data">
        </form>
</fieldset>
</div>


</body>
</html>
```

Inserting Patient Diagnosis Data:

Patient Name:	Ahad Anwar
Contact Number:	03494328407
Symptoms:	Headache, Fever, Muscle Aches.
Diagnosis:	Paracetamol 1000g x2 Kool Aid Strips - Twice a day
	Save Patient Data

When the "Save Patient Data" button is clicked, the following message is displayed and the data is saved in the doctor_portal table of Hospital database.

The diagnosis data of Mr/Mrs Ahad Anwar has been successfully saved.

+ Options

Patient_Name	Contact_Number	Symptoms	Diagnosis
Ahad Anwar	03494328407	Headache, Fever, Muscle Aches.	Paracetamol 1000g x2 Kool Aid Strips - Twice a da...

☐ Show all | Number of rows: 25 ∨   Filter rows: Search this table

Insert PHP Code:

```php
<?php
$servername = "localhost";
$username = "root";
$pass = "";
$db = "hospital";

$conn = new mysqli($servername, $username, $pass, $db);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$name = $_POST ['name'];
$contact = $_POST ['contact'];
$symptoms = $_POST['symptoms'];
$diagnosis = $_POST ['diagnosis'];


$querry = "insert into doctor_portal
(Patient_Name,Contact_Number,Symptoms,Diagnosis)
            values ('$name','$contact','$symptoms','$diagnosis')";

$send_querry = mysqli_query($conn,$querry);

echo "The diagnosis data of Mr/Mrs ".$name." has been successfully saved.";
```
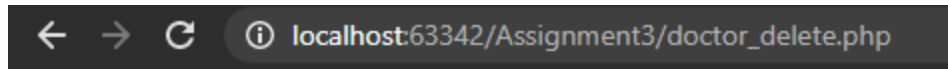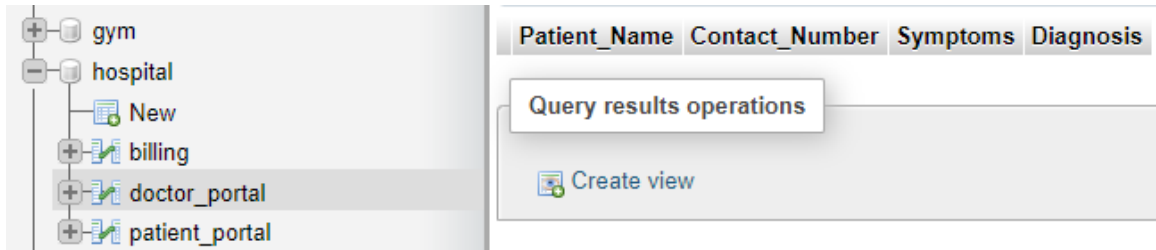
Deleting Patient Diagnosis Data:

Contact Number: 03494328407

Delete Patient Data

When the "Delete Patient Data" button is clicked, the corresponding record to the phone number is deleted from the database table and following message is displayed.

Patient Data against contact number 03494328407 has been deleted.

If the entered number does not exist in the doctor_portal table, following message is displayed.
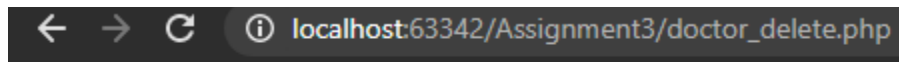
NO patient data found against contact number: 090078601.

Delete PHP Code:

```php
<?php

$servername = "localhost";
$username = "root";
$pass = "";
$db = "hospital";

$conn = new mysqli($servername, $username, $pass, $db);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$del_contact = $_POST['del_contact'];

$querry = "select Contact_Number from doctor_portal where Contact_Number =
'$del_contact'";
$result = mysqli_query($conn, $querry);

if (mysqli_num_rows($result) > 0) {
    $querry1 = "delete from doctor_portal where Contact_Number =
'$del_contact' ";
    $send_querry1 = mysqli_query($conn, $querry1);
    echo "Patient Data against contact number " . $del_contact . " has been
deleted.";
} else {
    echo "NO patient data found against contact number: " . $del_contact .
".";
}
```