

PHP FORM HANDLING - STUDENT DETAILS**AIM**

PHP web application to read and display student details.

SOURCE CODE

```
<html>

  <head>

    <title>PHP5.1</title>

  </head>

  <body>

    <form action="" method="POST">

      Name:<input type="text" name="name"><br><br>

      Email:<input type="text" name="email"><br><br>

      Admission number:<input type="text" name="admn_no"><br><br>

      Branch:<input type="text" name="branch"><br><br>

      <input type="submit" name="submit" value="submit">

    </form>

  </body>

</html>

<?php

    if(isset($_POST['submit'])) {

        $name=$_POST['name'];

        $email=$_POST['email'];

        $admn_no=$_POST['admn_no'];

        $branch=$_POST['branch'];

        echo "<tr><td>$name</td></tr><br>";

        echo "<tr><td>$email</td></tr><br>";

        echo "<tr><td>$admn_no</td></tr><br>";

        echo "<tr><td>$branch</td></tr><br>";

    }

}
```

?>

RESULT

The PHP web application to read and display student details has been designed.

Experiment No:16

Date:5/12/2024

PHP & MYSQL - LOGIN AND WELCOME PAGE

AIM

PHP web application to implement a login page and a welcome page.(Login details should be matched with those stored in a database table)

SOURCE CODE

//database setup

CREATE DATABASE php5;

USE php5;

CREATE TABLE table2 (
 name VARCHAR(30) NOT NULL,
 email VARCHAR(30) NOT NULL,
 password VARCHAR(30) NOT NULL
);

//login.php

<html>

 <head>

 <title>PHP5.2</title>

 </head>

 <body>

 <form action="" method="POST">

 Email:<input type="text" name="email">

 Password:<input type="text" name="password">

 <input type="submit" name="submit" value="submit">

 </form>

 </body>

</html>

<?php

 \$con=new mysqli("localhost","root","","php5");

 if(!\$con){

 echo"not ok";

```

    }
    else
    {
        if(isset($_POST['submit'])){
            $email=$_POST['email'];
            $password=$_POST['password'];
            $s = "SELECT * FROM table2 where email='$email'
                and password='$password'";
            $sel=$con->query($s);
            if($sel->num_rows>0){
                header("location:welcome.html");
            }
            else{
                echo'<script>alert("login unsuccessful")</script>';
            }
        }
    }
?>

//welcome.html

<html>
    <head>
        <title>WELCOME</title>
    </head>
    <center>
        <body style="background-color: powderblue;">
            <h1>WELCOME</h1>
            <i><p>"Welcome to our online family!We're excited to share our
                passion and knowledge with you"</p></i>
        </body>
    </center>

```

</html>

RESULT

The PHP web application to implement a login page and a welcome page has been designed.

Experiment No:17

Date:12/12/2024

PHP - SUDENT INFORMATION - COOKIES

AIM

PHP web application using MySQL database to register, login and display student information. Use PHP Cookies to retrieve information from login.

SOURCE CODE

//database setup

```
CREATE DATABASE student_db;
```

```
USE student_db;
```

```
CREATE TABLE students (
```

```
    id int(11) NOT NULL,
```

```
    first_name VARCHAR(50) DEFAULT NULL,
```

```
    last_name VARCHAR(50) DEFAULT NULL,
```

```
    email VARCHAR(100) DEFAULT NULL,
```

```
    dob DATE DEFAULT NULL,
```

```
    gender VARCHAR(10) DEFAULT NULL,
```

```
    mobile_number VARCHAR(15) DEFAULT NULL
```

```
);
```

//registration.html

```
<html>
```

```
    <head>
```

```
        <title>Student Registration</title>
```

```
    </head>
```

```
    <body>
```

```
        <h2>Student Registration</h2>
```

```
        <form method="POST" action="registration.php">
```

```
            <table border="1">
```

```
                <tr><td><label for="first_name">First Name:</label><br></td>
```

```
                <td><input type="text" id="first_name"
```

```
                    name="first_name" required></td></tr>
```

```
                <tr><td><label for="last_name">Last Name:</label><br></td>
```

```

        <td><input type="text" id="last_name"
            name="last_name" required></td></tr>
        <tr><td><label for="email">Email:</label><br></td>
        <td><input type="email" id="email" name="email" required></td></tr>
        <tr><td><label for="dob">Date of Birth:</label><br></td>
        <td><input type="date" id="dob" name="dob" required></td></tr>
        <tr><td><label>Gender:</label><br></td>
        <td><input type="radio" id="male"
            name="gender" value="Male" required>
            <label for="male">Male</label><br>
            <input type="radio" id="female"
            name="gender" value="Female" required>
            <label for="female">Female</label></td></tr>
        <tr><td><label for="mobile_number">
            Mobile Number:</label><br></td>
        <td><input type="text" id="mobile_number"
            name="mobile_number" required></td></tr>
    </table><br>
    <input type="submit" value="Register">
    <a href="login.php">Login</a>
</form>
</body>
</html>

```

```
//registration.php
```

```

<?php
    $conn = new mysqli("localhost", "root", "", "student_db");
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

```

```

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $first_name = $_POST['first_name'];
    $last_name = $_POST['last_name'];
    $email = $_POST['email'];
    $dob = $_POST['dob'];
    $gender = $_POST['gender'];
    $mobile_number = $_POST['mobile_number'];
    $sql = "INSERT INTO students (first_name, last_name, email, dob,
        gender, mobile_number)VALUES ('$first_name', '$last_name', '$email',
        '$dob', '$gender', '$mobile_number')";
    if ($conn->query($sql) === TRUE) {
        echo "Registration successful! Redirecting to login...";
        header("Location: login.php");
        exit();
    }
    else {
        echo "Error: " . $conn->error;
    }
    $conn->close();
}

?>

```

//login.php

```

<?php
    $conn = new mysqli("localhost", "root", "", "student_db");
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    if ($_SERVER['REQUEST_METHOD'] == 'POST') {
        $email = $_POST['email'];

```



```

        $sql = "SELECT * FROM students WHERE email = '$email'";
        $result = $conn->query($sql);
        if ($result->num_rows > 0) {
            $row = $result->fetch_assoc();
            setcookie('student_id', $row['id'], time() + (86400 * 30), "/");
            header("Location: dashboard.php");
            exit();
        } else {
            echo "No user found with that email.";
        }
        $conn->close();
    }
?>
<html>
    <head>
        <meta charset="UTF-8">
        <title>Student Login</title>
    </head>
    <body>
        <h2>Login</h2>
        <form method="POST" action="login.php">
            <label for="email">Email:</label><br>
            <input type="email" id="email" name="email" required><br><br>
            <input type="submit" value="Login">
        </form>
    </body>
</html>

//dashboard.php
<?php

```

```

if (!isset($_COOKIE['student_id'])) {
    echo "Please log in to view your information.";
    exit();
}

$conn = new mysqli("localhost", "root", "", "student_db");
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$student_id = $_COOKIE['student_id'];
$sql = "SELECT * FROM students WHERE id = '$student_id'";
$result = $conn->query($sql);
if ($result->num_rows > 0) {
    $row = $result->fetch_assoc();
    echo "<h2>Welcome, " . $row['first_name'] . " " . $row['last_name'] . "</h2>";
    echo "<p>Email: " . $row['email'] . "</p>";
    echo "<p>Date of Birth: " . $row['dob'] . "</p>";
    echo "<p>Gender: " . $row['gender'] . "</p>";
    echo "<p>Mobile Number: " . $row['mobile_number'] . "</p>";
}
else {
    echo "No user found.";
}

$conn->close();
?>

```

RESULT

The PHP web application using MySQL database and PHP Cookies to implement a user registration and login has been designed.

Experiment No:18

Date:12/12/2024

PHP - STUDENT INFORMATION - SESSIONS

AIM

PHP web application using MySQL database to register, login and display student information. Use PHP Sessions to retrieve information from login.

SOURCE CODE

```
//database setup
```

```
CREATE DATABASE student_db;
```

```
USE student_db;
```

```
CREATE TABLE students (
```

```
    id int(11) NOT NULL,
```

```
    first_name VARCHAR(50) DEFAULT NULL,
```

```
    last_name VARCHAR(50) DEFAULT NULL,
```

```
    email VARCHAR(100) DEFAULT NULL,
```

```
    dob DATE DEFAULT NULL,
```

```
    gender VARCHAR(10) DEFAULT NULL,
```

```
    mobile_number VARCHAR(15) DEFAULT NULL
```

```
);
```

```
//registration2.html
```

```
<html>
```

```
    <head>
```

```
        <title>Student Registration</title>
```

```
    </head>
```

```
    <body>
```

```
        <h2>Student Registration</h2>
```

```
        <form method="POST" action="registration2.php">
```

```
            <table border="1">
```

```
                <tr><td><label for="first_name">First Name:</label><br></td>
```

```
                <td><input type="text" id="first_name"
```

```
                    name="first_name" required></td></tr>
```

```
                <tr><td><label for="last_name">Last Name:</label><br></td>
```

```

        <td><input type="text" id="last_name"
            name="last_name" required></td></tr>
        <tr><td><label for="email">Email:</label><br></td>
        <td><input type="email" id="email" name="email" required></td></tr>
        <tr><td><label for="dob">Date of Birth:</label><br></td>
        <td><input type="date" id="dob" name="dob" required></td></tr>
        <tr><td><label>Gender:</label><br></td>
        <td><input type="radio" id="male"
            name="gender" value="Male" required>
            <label for="male">Male</label><br>
            <input type="radio" id="female"
            name="gender" value="Female" required>
            <label for="female">Female</label></td></tr>
        <tr><td><label for="mobile_number">
            Mobile Number:</label><br></td>
        <td><input type="text" id="mobile_number"
            name="mobile_number" required></td></tr>
    </table><br>
    <input type="submit" value="Register">
    <a href="login2.php">Login</a>
</form>
</body>
</html>

```

```
//registration2.php
```

```

<?php
    session_start();
    $conn = new mysqli("localhost", "root", "", "student_db");
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

```

```

    }

    if ($_SERVER['REQUEST_METHOD'] == 'POST') {
        $first_name = $_POST['first_name'];
        $last_name = $_POST['last_name'];
        $email = $_POST['email'];
        $dob = $_POST['dob'];
        $gender = $_POST['gender'];
        $mobile_number = $_POST['mobile_number'];
        $sql = "INSERT INTO students (first_name, last_name, email,
            dob, gender, mobile_number)VALUES ('$first_name', '$last_name',
            '$email', '$dob', '$gender', '$mobile_number')";
        if ($conn->query($sql) === TRUE) {
            header("Location: login.php");
            exit();
        } else {
            echo "Error: " . $conn->error;
        }
        $conn->close();
    }
?>

```

//login2.php

```

<?php
    session_start();

    $conn = new mysqli("localhost", "root", "", "student_db");

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

    if ($_SERVER['REQUEST_METHOD'] == 'POST') {
        $email = $_POST['email'];

```

```

        $sql = "SELECT * FROM students WHERE email = '$email'";
        $result = $conn->query($sql);
        if ($result->num_rows > 0) {
            $row = $result->fetch_assoc();
            $_SESSION['student_id'] = $row['id'];
            $_SESSION['first_name'] = $row['first_name'];
            $_SESSION['last_name'] = $row['last_name'];
            header("Location: dashboard2.php");
            exit();
        } else {
            echo "No user found with that email.";
            $conn->close();
        }
    ?>

<html>
    <head>
        <title>Student Login</title>
    </head>
    <body>
        <h2>Login</h2>
        <form method="POST" action="login2.php">
            <label for="email">Email:</label><br>
            <input type="email" id="email" name="email" required><br><br>
            <input type="submit" value="Login">
        </form>
    </body>
</html>

//dashboard2.php
<?php

```

```

session_start();

if (!isset($_SESSION['student_id'])) {
    echo "Please log in to view your information.";
    exit();
}

$conn = new mysqli("localhost", "root", "", "student_db");

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

$student_id = $_SESSION['student_id'];

$sql = "SELECT * FROM students WHERE id = '$student_id'";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    $row = $result->fetch_assoc();

    echo "<h2>Welcome, " . $row['first_name'] . " " . $row['last_name'] . "</h2>";
    echo "<p>Email: " . $row['email'] . "</p>";
    echo "<p>Date of Birth: " . $row['dob'] . "</p>";
    echo "<p>Gender: " . $row['gender'] . "</p>";
    echo "<p>Mobile Number: " . $row['mobile_number'] . "</p>";
}
else {
    echo "No user found.";
}

$conn->close();
?>

```

RESULT

The PHP web application using MySQL database and PHP Sessions to implement a user registration and login has been designed.