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"><br><br>
      Password:<input type="text" name="password"><br><br>
      <input type="submit" name="submit" value="submit">
    </form>
  </body>
</html>
<?php
    $con=new mysqli("localhost","root","","php5");
    if(!$con){
        echo"not ok";
```

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```php
            }
            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 unsuccessfull")</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.

PHP - STUDENT 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>
```

```html
            <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>
```

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

```php
        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'];
```

```php
        $sql = "SELECT * FROM students WHERE email = '$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
<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
<?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.

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>
```

```html
                     <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>
```

```php
//registration2.php
<?php
      session_start();
      $conn = new mysqli("localhost", "root", "", "student_db");
      if ($conn->connect_error) {
         die("Connection failed: " . $conn->connect_error);
```

```php
        }
        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'];
```

```php
            $sql = "SELECT * FROM students WHERE email = '$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
```

```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.

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