Laboratory Assessment Sheet

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Paper code: MCAN-E394D Paper Name: Web Technology using PHP Lab

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| **Serial Number** | **Program Name** | **Date** | **Signature** |
| 1 | Create a PHP project that will have a login screen. Entering correct login information, a session will be created, and the page will be redirected to a home page where the User information will be displayed. There will be a menu with a link for log out. After logging out no one can access the home page. The project must have at least 3 web pages. |  |  |
| 2 | Create a small project using PHP and do the following   1. Create an registration form with the following information:   Name, Email, Address, Phone Number, Subject & Password   1. Create a login page where the user can log in using the email and password. 2. Create a landing page i.e. home page where the user will land after logging in. 3. Create a menu and add it all pages which will contain the following menu items:   Login, Register, View Data & Log Out   1. Create a page also for showing the user information. 2. Create a log out page for logging out. 3. Use Session for creating login session. |  |  |

**1.Create a PHP project that will have a login screen. Entering correct login information, a session will be created, and the page will be redirected to a home page where the User information will be displayed. There will be a menu with a link for log out. After logging out no one can access the home page. The project must have at least 3 web pages.**

***index.php***

<?php

// Check if the user is logged in

if (isset($\_SESSION['username'])) {

  // Redirect to the home page if the user is logged in

  header('Location: home.php');

  exit;

}

?>

<!-- Display the login form -->

<!DOCTYPE html>

<html>

<head>

  <title>Login</title>

</head>

<body>

  <h1>Login Page</h1>

  <form action="login.php" method="post">

    <label for="username">Username:</label>

    <input type="text" name="username" id="username"><br><br>

    <label for="password">Password:</label>

    <input type="password" name="password" id="password"><br><br>

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

  </form>

</body>

</html>

***login.php***

<?php

// Start the session

session\_start();

// Connect to the database

$db = mysqli\_connect("localhost","root","","tanmay");

// Check if the username and password are correct

$username = $\_POST['username'];

$password = $\_POST['password'];

$sql = "SELECT \* FROM users WHERE username='$username' AND password='$password'";

$result = mysqli\_query($db, $sql);

if ($result->num\_rows > 0) {

  // Store the user's username in the session

  $\_SESSION['username'] = $username;

  // Redirect to the home page

  header('Location: home.php');

  exit;

} else {

  // Display an error message

  echo 'Invalid username or password';

}

***home.php***

<?php

// Start the session

session\_start();

// Check if the user is logged in

if (!isset($\_SESSION['username'])) {

  // Redirect to the login page if the user is not logged in

  header('Location: index.php');

  exit;

}

// Get the user's username from the session

$username = $\_SESSION['username'];

// Display the user's information

echo '<h1>Welcome, ' . $username . '</h1>';

// Display a menu with a link for logout

echo '<a href="logout.php">Logout</a>';

?>

***logout.php***

<?php

// Destroy the session

session\_destroy();

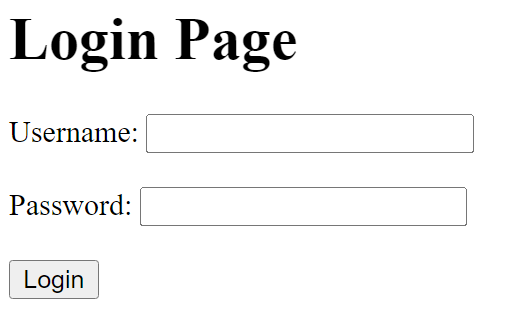
// Redirect to the login page

header('Location: index.php');

exit;

?>

**OUTPUT:**

**2. Create an registration form with the following information:**

**Name, Email, Address, Phone Number, Subject & Password**

***Database Table with fields:***

CREATE TABLE users

(

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255),

email VARCHAR(255) UNIQUE,

address TEXT, phone\_number VARCHAR(20),

subject VARCHAR(255),

password VARCHAR(255)

);