MAC 272

Assignment 3

Q1: For this assignment, you need to create four php pages as follow:

1. Home page: this page has links for all other pages below. This page acts as home page or index.

<html>

<head>

    <title>Home Page</title>

    <style>

        ul#menu li {

        display:inline;

        padding:15px;

        background: red;

    }

    a {

        text-decoration : none;

        font-size: 20px;

    }

    </style>

</head>

<body>

    <h1>Welcome to the Home Page</h1>

    <ul id="menu">

        <li><a href="Welcome\_page.php">Welcome</a></li>

        <li><a href="Login\_page.php">Login</a></li>

    </ul>

</body>

</html>

1. Login page: This page has two text boxes and one submit button. The text boxes are used to collect the username and the password. This page works as follow:
   1. If the user enter username= **Mike** and password=**12345**, and click submit button, the page will provide access and direct the user into welcome page. If the user enters something else, print a message saying: “username and password incorrect”.
   2. Before you direct the user into welcome page, you need to save the username and password entered by the user into sessions so you can use them in another pages.

<?php

session\_start();

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

    header("Location: Welcome\_page.php");

    exit;

}

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

    $username = $\_POST['username'];

    $password = $\_POST['password'];

    if($username == 'Mike' && $password == '12345'){

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

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

        header("Location: Welcome\_page.php");

        exit;

    } else {

        $error = "Username or password are incorrect. Please try again.";

    }

}

?>

<html>

<head>

    <title>Login Page</title>

</head>

<body>

    <h1>Login Page</h1>

    <form method="post" action="">

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

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

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

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

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

    </form>

    <?php

    if(isset($error)){

        echo "<p style='color: red;'>$error</p>";

    }

    ?>

</body>

</html>

1. Welcome page: in the welcome page test if the sessions you created in login page are set or not. If the sessions are created (set), print their values (in this case username and password). Otherwise, print an error message saying: “sessions are not set”. This page needs to have a link to home page, when the user clicks the link, the user is directed to home page.

<?php

session\_start();

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

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

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

} else {

    $error = "Sessions are not set";

}

if(isset($\_POST['logout'])){

    session\_unset();

    session\_destroy();

    header("Location: Home\_page.php");

    exit;

}

?>

<html>

<head>

    <title>Welcome Page</title>

</head>

<body>

    <h1>Welcome Page</h1>

    <?php

    if(isset($error)){

        echo "<p>$error</p>";

    } else {

        echo "<p>Username: $username</p>";

        echo "<p>Password: $password</p>";

    }

    ?>

    <form method="post" action="">

        <input type="submit" name="logout" value="Log Out">

    </form>

</body>

</html>

1. Log out page: when the user clicks log out link in the home page, log out page is called, and all sessions are removed (remove sessions code should be in log out page), and the user is directed back to home page. At this point if you visit welcome page, the page should print the error message that says: “sessions are not set” because the sessions are destroyed.

<?php

session\_start();

session\_unset();

session\_destroy();

header("Location: Home\_page.php");

exit;

?>

**Screenshots**

A screenshot of a computer

Description automatically generated A screenshot of a web page

Description automatically generated

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer

Description automatically generated