

Lab 09 - Login and Session

Purpose

The purpose of this lab is to familiarize students with common methods of handling sessions, logging in users and common user-flows implemented in many web applications.

Solution

Using the provided database, write small program that authenticates the user against the database. The user should be able to update their account details and logout.

This lab may require you to manage the cookies in your system remember when testing to close ALL the instances of your web browser to ensure your cookie is still active on the server and can still be accessed.

Complete the given template to perform the following. You must test the following user flow.

1. User logs into the system
2. The user sees their account details
3. The user logs out of the system (to test this thoroughly be sure to close all the browser windows)
4. The user logs back out of the system.

Requirements

1. Your application must use the PDO agent provided and the database provided, called "Lab09".
2. You may not modify the database provided.
3. Your application must check the information stored in the session. If the application does not work.
4. You must check if the user is logged in and if they are not then terminate the session.
5. You must prevent a user from viewing the updateaccount page if they are not logged in, they must be automatically forwarded back to the login page.

Helpful Hints

- There are lots of helpful hints on how to do this in your textbook in Chapter 10, it practically shows you how to do the user login.
- You may want to clear your browser cookies when working on this lab, most browser cookies can be cleared with "Ctrl + Shift + Delete". If you want to ensure you are using a browser with no cookies you can use "Private or Incognito mode". If you do this remember when you close your browser the cookies will be cleared.
- You will really want to test this lab thoroughly be sure it works after your modifications and always test it with no sessions set.

References

- Bootstrap Forms: <https://getbootstrap.com/docs/4.3/components/forms/>
- Bootstrap Login: <https://getbootstrap.com/docs/3.4/examples/signin/>

Appendix

The user login

Lab 09 - SWh_56789

Please sign in

User Name
Password
Log in

The user details

Lab 09 - SWh_56789

User Name: horritt2

First Name: Hetti

Email Address: horritt2@netvibes.com

Age: 45

Last Name: Orritt

Phone Number: 223-257-6637

Gender: Female

Logout