



FWD PHP ASSIGNMENT 10

OBJECTIVES

Write a login application integrated with a MySQL database.

DUE DATE

Assigned during session10, due 11:59pm the night before session11.

REQUIREMENTS

Use the provided **dbinfo.php** file with this assignment. Update **dbinfo.php** to reflect your MySQL user and password credentials. Do **NOT** add more PHP declarations or instructions in this file.

Login

Write a one-hour timeout, session-based login application to provide the user access to the students table data.

When the login form is submitted perform the usual form field validation techniques. If all form data is OK use the form data provided to query the database:

If the provided username is not in the **users** table, do not log the user in, instead send them back to the form and have the form page display a message that explains "The username was not in our database".

If the provided username is in the **users** table, determine if the provided username and the password are a **case sensitive** match to the username and password of a record in the **users** table.

If the user's credentials provided match a record from the **users** table, start a PHP session to remember the username and forward them to one of two secure pages that are only viewable after logging in. These pages should welcome the user using their username, include a link to a page that will log the user out and they should not allow someone not logged in to view them.

Page 1 – Show All Students

Authorized users should see an HTML table with all records from the **students** database table. Don't show the **primary_key** field data, and have the records sorted alphabetically by **lastname**. Include a description of how many records there are.

Page 2– Search For Students

Provide a form with inputs for the student number, first and last names. The user will fill in one of the three fields before submitting the form.

If a form field contained data when submitted, use that data to query the **students** table for all records that match. Display those record(s) in an HTML table along with a 'Record found' message. Provide a 'Record not found' message if no matches are found.

Protect against the possibility the user has submitted the form and left all three fields blank.

These searches should be **case insensitive**.

NOTES

If you are having trouble writing an SQL query in PHP, consider trying it out first in the phpMyAdmin direct input feature.

After writing and running your SQL query, use the SELECT query \$result object property num_rows to help determine if there are any matches.

(eg: if \$result->num_rows is greater than zero, you have a match!)

SUBMISSION

Before the due date, compress all assignment resources (HTML, CSS, PHP, images, folders, etc) into a single **.ZIP**. Upload **.ZIP** to

[learn.bcit.ca > Web Scripting 2 > Content > Session10 > Assignment10 Dropbox](#)