

Assignment 7

SYST10199 – Web Programming

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Note:

1. Assignment must be completed as an individual effort.
2. Due date for submission is specified in SLATE.
3. All online submissions will be done via SLATE (Email submissions will NOT be accepted).
4. Late assignments will be penalized 10% each day for up to 3 days. After that, it is worth zero.
5. Please refer to the [Academic Dishonesty Policy](#).

Instructions:

1. Make a PHP project named **a4-firstname-lastname**, a simple inventory management system in PHP.
2. Choose a domain of your choice (e.g. books in a bookstore, electronics in an electronic store, etc.).
3. Create a table with 3 to 5 columns to hold info about that domain.
4. Create separate PHP pages that insert and view the records from the database.
5. **Insert:**
 - a. Display textboxes where the user can insert new item to the database.
 - b. Display appropriate message back to the user.
6. **View:**
 - a. Display all the records from the table, in a tabular form.
 - b. Provide a search box to search a record by its name.
 - i. Partial match to the name should retrieve the records.
Hint: https://www.w3schools.com/sql/sql_like.asp
 - ii. Display, all the records found, in the same tabular form.
 - iii. If the textbox is left blank, retrieve all the records and display.
 - iv. If a searched keyword doesn't match (partially or fully) with any item name, display an appropriate message to the user.
7. Provide the **Login** and **Register** option in the application.
8. On successful login, redirect the user to the view products page.
9. The **View** and **Insert** pages could only be accessed if the user has successfully logged in.
 - a. Otherwise, redirect the user back to the **Login** page.
10. Once the user has logged in, change the Login link to Logout.
 - a. And when the user logs out, change the link back to Login.
11. Apply CSS and use your own imagination on background color, font color, font size etc. All the webpages should look professional.

Exception Handling:

12. Secure pages can't be accessed without logging in.
13. While inserting, all fields must be filled in.
14. On the **View** page, if no records are found while searching, display appropriate message.
15. While registering a new user, check if the username exists.
16. Check for the password and confirm password.

Finishing Up:

1. When satisfied with your assignment, zip and upload the contents of your entire folder to the Assignments in SLATE, as well as publish it to: <http://yourusername.dev.fast.sheridanc.on.ca/assignments/>
2. Add password security.
3. **Include the backup file of the database in the ZIP file you submit.**
4. While submitting the assignment to SLATE, remember to write the URL of your published assignment, the username and password in the comment box.

Working Example:

<http://kaur512.dev.fast.sheridanc.on.ca/webprog-solutions/assignment-4-solution/>