Day 12 – Assignment

This task helps you become familiar with the fundamentals of PHP by writing PHP script to enhance a web site.

Due

This assignment does not need to be handed in. Your instructor will review it the next morning so you can ask questions and get assistance with any problems you may encounter. You will build onto this assignment in the remaining assignments of this course. If you want feedback on your code you can ask your instructor to check it and give advice. You will be required to hand in the cumulative code after day 14 for marking. Your instructor will set the due date for you.

Directions

In this exercise you will add the final PHP functionality to your travel agency web site.

Modify your main Travel Experts page so that there is a button or link that will go to a login page that will provide access to the agent entry page once the user logs in.

To build this, you need to do the following:
- Create a button or link in your menu on the index page that points to a login page.
- In the login page, create a form that has a user-id and password field. When the form is submitted, reload the login page and check the user-id and password against a list of valid users.
- Create the list of valid users by reading a file that contains a user-id and password on each line of the file. As you read each line of the file, split the user-id and password into separate parts and add them to a hashtable, storing the user-id as the key and the password as the value.
- To check the user's login, look in the hashtable for the user-id and if a value returns, compare it to the user's password.
  Optional: For extra database practice you can modify your Agent table in the Travel Experts database to have a userid and password column and validate the signon with this.
  Optional: Before you store the password in your file or database table hash it, and when you receive the form password, hash it for comparison.
- If there is a match, start a session and add a value to it to indicate that the user is logged in, then redirect the user to the agent entry page. Otherwise reload the login page and display an error message.
- When the agent entry page loads, start the session and check the login value and if the user is logged in allow the page to display, otherwise redirect the browser back to the login page.
  - Hint: to redirect to another page use the PHP header function to specify a location:
    ```
    header("Location: http://localhost/agententry.php");
    ```

    - This must be done before you print any other output to the browser or you will get a message similar to the following:
    ```
    Warning: Cannot modify header information - headers already sent
    ```

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Feedback:

Your instructor will review this exercise with you the next day.

If you have any questions or wish to get some feedback on your work before the hand-in date, ask your instructor to review it with you after class.