

CS 275: Web Programming Programming Assignment 6

April 2, 2014

Due: April 9th, 2014 before the beginning of the class period

For this assignment, we will practice working with the authentication, session control, and day and time issues within PHP and MySQL.

Only authenticated users must be able to work with the system. To that end, implement the correct authorization process with MySQL, PHP, and session control that makes sure that only authenticated users can work with your project. All unauthenticated users must be presented with a simple login form. One of the username/password combinations to gain system access through this login form must be *'authuser/acm12'*, but feel free to have other combinations in your database. The web user for PHP scripts for this project will be coming from 'localhost', and will be named 'webUser' with 'acm1234' as its password.

For the database, please include a *.sql file that contains all statements necessary to create your database and populate the table with at least 6 different records.

Once logged in, the user will be redirected to a web page with a form that allows the user to input a simple text comment into a database. Use PHP to connect to the database and to store the data. In addition to the user comment, you will also be storing a time/date field which corresponds to the date and time the user has inputted their comment. Please follow all of the good programming principles discussed in class and especially, pay attention to the security of your system.

Then create another web page that allows an authenticated user to query your database and to retrieve comments stored in the database, along with the date/time information.

- The date/time information must be displayable in at least three different formats when comments are shown back to the user.
- Through a simple menu, the user should be able to choose a particular date/time format to be displayed along with their comment.
- In addition, the user should be able to specify the date/time range for query retrieval and all of the queries that fall into the specified time period should be displayed on the screen.
- The user must also be able to sort all displayed records by their date/time fields in both ascending and descending order.

Please make sure that the end-user can navigate your pages in a meaningful way and that all of the functionality for this project can be reached from the start page called 'index.html' or 'index.php'. Please make sure that all pages contain a 'logout' link that will log out the current user from the system.

Turn In Procedures:

In addition to an electronic copy of your assignment, please turn in a printout of your source code.

You may turn in your assignment via email (bkerkez@yahoo.com) or in person on a SD card, flash drive, or other computer media. Please follow the turn in procedures outlined below.

In case you would like to turn in your assignment via email, please place the following in the subject line of your email:

CS275 Assignment 6

Please make sure that I receive your assignments before the due date and time. Late programming assignments will be accepted for 24 hours after they are due and will be penalized by a 50% deduction. No assignments will be accepted after the 24 hour period expires.