CSC 2410 Web Programming

Chapter 8 Lab

Objectives

- Connect to MySQL from PHP
- Work with MySQL databases using PHP
- Create, modify, and delete MySQL tables with PHP
- Use PHP to manipulate MySQL records
- Use PHP to retrieve database records

Part 1: Sign Guest Book

1. Create a new document in your text editor.
2. Add the essential html tags like <!DOCTYPE html></html>, <head></head>, <title></title>, and <body></body> in order.
3. Add the appropriate HTML comments using the html comment symbols.
4. In this lab project, you will create a Web page that allows visitors to your site to sign a guest book that is saved to a database, following the instructions in **Reinforcement Exercise 8-1 and 8-2**.
5. When connecting to the database, use the localhost web server, the root user and no password like this:

    $DBConnect = @mysql_connect("localhost", "root", "");

 Sample Output:

Enter your name to sign our guest book

First Name ▭

Last Name ▭

[Submit]

Show Guest Book

After submitting one guest and clicking Show Guest Book button.

Our Guest Book

The following visitors have signed our guest book:

First Name	Last Name
Calvin	Harrison

6. Add the appropriate PHP line comments and/or multiple line comments.
7. Save the document as GuestBookYourlastname.html, SignGuestBookYourlastname.php, and ShowGuestBookYourlastname.php by replacing Yourlastname with your real last name.
8. Verify the program with your local web server.

Part 2: Interview

1. Create a new document in your text editor.
2. Add the essential html tags like <!DOCTYPE html></html>, <head></head>, <title></title>, and <body></body> in order.
3. Add the appropriate HMTL comments using the html comment symbols.
4. Create a Web site for tracking, documenting, and managing the process of interviewing candidates for professional positions. On the main page, include a form with fields for the interviewer's name, position, and date of interview. Also include fields for entering the candidate's name, communication abilities, professional appearance, computer skills, business knowledge, and interviewer's comments. Clicking the Submit button should save the data in a MySQL database. Include a link for opening a document that displays each candidate's interview information.
5. The database table must have the following fields:

   InterviewID SMALLINT NOT NULL AUTO_INCREMENT PRIMARY KEY
   interviewer VARCHAR(30)
   position VARCHAR(80)
   interview_date DATE
   candidate VARCHAR(30)
   communication LONGTEXT
   appearance LONGTEXT
   computer_skills LONGTEXT
   business_knowledge LONGTEXT
   comments LONGTEXT

6. When connecting to the database, use the localhost web server, the root user and no password like this:

$DBConnect = @mysql_connect("localhost", "root", "");

Sample Output:

Interview Entry

Interviewer's Name   [   ]

Position   [   ]

Date of Interview   [   ]   *(must be in the form of yyyy-dd-mm)*

Candidate's Name   [   ]

Communication Abilities   [   ]

Professional Appearance   [   ]

Computer Skills   [   ]

Business Knowledge   [   ]

Interviewer's Comments   [   ]

[Clear Form]   [Submit]

View Interviews

7. Add the appropriate PHP line comments and/or multiple line comments.

8. Save the document as CreateInterviewsTableYourlastname.php, EnterInterviewDataYourlastname.php, and ViewInterviewsYourlastname.php by replacing Yourlastname with your real last name.
9. Verify the program with your local web server.

Submission

Upload your PHP Script files as the attachments to the drop box. **Please zip the files.**