

CSci 4131: Internet Programming, Spring 2011
Assignment 4: Programming with PHP and Database Connection
Due Date: April 8, 2012

This assignment is to be done either individually OR in a group of up to two students.

Goals:

In this assignment you will learn PHP programming, and MySQL database connectivity at the server side.

Problem Statement:

In this Assignment you have to implement the functionalities of Assignment 3 using PHP and MySQL.

Following are the extra requirements that you have to implement..

- (1) You are required to store with each photo a category.

For this you would provide a selection menu to select a photo category in both the Photo View menu and the Photo Upload menu as detailed for Assignment 3.

In the View menu, you would display photos corresponding to the selected category.

You should support the following photo categories: work, friends, sports, nature, school.
You may use any other categories instead as per your interest.

- (2) User authentication based on password and cookies would be required to access the View and Upload functions.

Your server side program would store user-name and password in its database.

When a user attempts to access the Photo View/Upload program for the first time, a login menu would be presented to get user-name and password from the user.

On successful validation of the password, program menu functions will be presented to the user and a cookie will also be sent to the browser.

On each subsequent access by the user to your server program, this cookie should be sent for validation.

Set expiration time for the cookie to 3 minutes. After the cookie expiration, re-authentication of the user should be performed

- (3) On the server side you would maintain a MySQL database for storing the photo information and user-name/password information.

This in place of the use of Perl hash or a file to store this kind of information.

This database would contain for each stored photo the file pathname for the photo file, description, and the photo category.

Also, this database would contain for each user, the corresponding password information.

Submission Instructions:

Include the following files in your submission:

PHP files, and a README files.

In a README indicate the following things:

- Your Student Name and ID
- How to run your code.

Submit the tarred directory containing all these files.