**CREATING A Content Management System**

In this assignment you will use your PHP and MySQL skills to create a blog.   Authorized users can post, and can comment on other posts. (YOU KNOW ENOUGH TO CREATE A BLOGGING SITE WITH MULTIPLE USERS, EACH WITH HIS/HER OWN PAGE, but I am not asking you to do that.)

**DB Tables [Start DB name with your login name followed by an underscore on 163.238.35.165]**

At the minimum you should have three DB tables:

**Users table**

·username (primary key)

·password (remember to store encrypted)

·email address

·name by which the user wishes to be called (nickname)

**Blog Post table**

·id of blog(primary key)

·title (255 char max)

·body of post (5000 char max)

·user name that created this post (this is a foreign key for Users table)

·date/time the post was created

**Comments table**

·id of comment (primary key)

·name of user commenting (foreign key for users table)

·body of comment (5000 word maximum)

·post id that the comment is about (foreign key for Blog Post table)

·date/time

**Populate your database with 4 users and 10 blog Posts.**

Here are some scripts that you will need to write (you may write more, depending upon how you implement this).  USE FUNCTIONS WHENEVER POSSIBLE. In addition, validate all input data and sanitize all data. We will cover functions about this in class.

**index.php**

This is the front page of the blog.  It displays the five most recent blog postings, most recent first!  Each post includes the author’s name and date of creation. [**Extra Credit**:  Display only the first 200 words of every post, with a link to get more]

At the bottom of the page there are two links – one for *previous 5 postings*, and one for *next 5 posts*.  (We will cover paging in class) Make sure that these links work!

At the bottom of each post, there are two links, one to *add a comment* to this post, and one to *read comments* to this post. Make sure that these links work!

At the bottom of the page (or in a menu, however you implement this) there are also options to *login* or *add a post* or *logout*.

**addBlogPosting.php**

Only authorized users may add posts. This script validates the user and allows user to fill in a form that adds a blog post. When the user hits submit index.html loads.

**addComment.php**

Only authorized users may add comments.  This script validates the user and allows the user to fill in a form that adds a comment.  When the user submits a comment the page that shows all comments on that particular post loads.

**viewComment.php**

Allows all users to view comments on whichever post is chosen.

**login.php**

Validates the user, starts the session.

**logout.php**

Closes the session for logout.

**EXTRA CREDIT**

1. See first paragraph under index.php

2. Change the comment link on the bottom of the post to say how many comments there are on that particular post (example: link could say See 5 comments if there are five comments on that post)

3. Allow users to register!  (So far only the four users that you have can logon) See Chapter 27 in your book. This is simply another form with registration, that adds a user to the database of users if the user is not already registered.  [You can even add a CAPTCHA to this form. Use the web to find open source code that can do this.]

4. Allow users to change/delete their own posts and comments. Be careful!  What happens to comments on a post, if the post itself is deleted? In addition, allow the system administrator (one particular user!) to change/delete any comment or post.