Exercise 4 - Sessions, Security, and Authentication

Submit Assignment

Due Mar 11 by 11:59pm   **Points** 20   **Submitting** a text entry box or a file upload
Available after Mar 5 at 8am

MAKE SURE YOU HAVE READ THIS FILE BEFORE STARTING THIS EXERCISE:

Password Hash And Obsolete Versions Of Php

As stated in the file above you will need this file to successfully complete this exercise:
password.php

For this week's exercise we are going to recreate the steps outlined in the lecture videos.

- Duplicate your files from assignment 3 and place them in your exercise 4 folder
- Modify your config.php file to reflect the new BASE_URL
- Modify your register controller to hash the password using PASSWORD_HASH
- Create a login form and associated controller if you haven't already
- Check the user's password in the login controller and if valid redirect the end user to the homepage
- Set a session variable for the user id in the login controller
- **Bonus +5 - Add error handling and display as shown in the video lectures**
- Modify the user model to include the following functionality
  - getUserName
  - getUserEmail
  - isAdmin
  - checkUser
  - getUserFromEmail
  - getUserFromID
- Assign values to the following properties in the user model __construct method
  - uID
  - first_name
  - last_name
  - email
  - user_type
- Using the methods created above modify your header.php and footer.php to display:
  - The user name on the right hand of the blog if logged in

- The add post drop down menu if the user is an administrator
- The style sheet from admin_header.php if the user is an administrator
- The javascript from admin_footer.php if the user is an administrator
- The login and register links in the right hand of the blog if the user is not logged in.
- Delete admin_header.php and admin_footer.php from your elements directory

This exercise is worth 20 points (5 bonus possible) and will be graded accordingly:

10 points – I can go to your corsair server, successfully register, login, and the homepage displays correctly.

5 points – your code structure and successful completion of all steps above

5 points – correct usage of PASSWORD_HASH

When you complete the exercise zip and upload your files here, sync your files to GitHub and provide me the link to both your corsair server and GitHub account in the comment field provided to submit your assignment.

An example can be found here: **http://corsair.cs.iupui.edu:19031/CIT313/SP2015/ex4/ (http://corsair.cs.iupui.edu:19031/CIT313/SP2015/ex4/)**

  (http://tomcat.cit.iupui.edu/crdillon/CIT313/FA2014/ex4/)

To test admin functionality you can login with the following credentials:

un: **admin@user.com (mailto:admin@user.com)**

pw: howdy