Summary

In this assignment a student who did Assignment 3a will pair with a student who did Assignment 3b to put their work together and add a functionality to create, update, and view simple profiles.

Description

Assignment 3a has a main page with no specific content. In addition, it has an admin page that can create user accounts, a sign-in page, and a user page accessible by those signed-in but with no specific content. It also has a way to sign out.

Assignment 3b has a main page to display the list of CS graduates in many different formats.

In this assignment, the main page has a default screen with the list of CS graduates, just like Assignment 3b, except that there is a way for a user to sign-in. When no user signs in, all features of Assignment 3b are available. When an admin signs in, the admin page can create user accounts. Each regular user account must be linked to a record in the CS graduates table. One way to implement this is to have a record ID associated with each CS graduate entry and display it in the CS graduates page. The admin will enter this ID in a field. Another way is for the admin to enter the student name in a field. In this case you must design a way to disambiguate if there are more than one student with that name. You can implement the linking in any other way you may prefer.

Each regular user account will have a profile. The profile will have at least 3 items, one of them must be an e-mail address. You can choose the other items. When a regular user is signed-in, you should have a link or another way for the regular user to update their profile. You can store the profile items in the user account table, the CS graduates table, or another table as you wish.
In the main page, if a user is signed in, the user can view the profile of all CS graduates that have a profile. This can be displayed directly in the main page, or there could be a button for each CS graduate entry that has a profile to view that CS graduate’s profile. If no one is signed in, no profile is visible. CS graduates can see the profiles of all CS graduates when signed in. None of the profiles are available if not signed in. CS graduates can modify their own profile, but not the profiles of other CS graduates.

Set-up at time of submission

Upload the web pages in a new directory in both collaborating students’ accounts. Since your web pages account uses your UTEP password, you are not supposed to share each other’s password, you will both have access to your version of the pages. For the database, since you can decide on the password, you have the choice of either having each student’s account access its own database, or have both use the same database stored in one of the partner’s mysql account.

Create the same admin user and password as in assignment 3a. Create at least two regular user account and create a profile for those regular users.

Instructions for testing

The instructor will test your web site with the following steps:

1. Check the main page and a few different ways to display the list of graduates.

2. Login as admin.

3. Create a new regular user.

4. Logout admin.

5. Login as the new regular user.

6. Update the user’s profile.

7. Look for the list of graduates to see who has a profile available and look at their profile.
8. Logout that new regular user.

9. Login as a different existing regular user.

10. Look for the list of graduates to see who has a profile available and look at their profile.

11. Check that you can do the same on another browser tab.

12. Update the profile of this existing regular user.

13. Logout.

14. Verify that none of the profiles is available.

Evaluation will be based on functionality and ease of use. No extra point for style and looks.

**Submission**

Write and submit a document on how to perform the 14 steps above. It can be very short if the steps are obvious. It could have simple text description for the less obvious steps. If you think something could be confusing, it could contain some screenshots to help the instructor.

Each partner should write and submit a report that contains the following:

1. How long did you spend to do this assignment?

2. The name of the directory where your files are,

3. How did you work with your partner to do this assignment?

4. What problems (if any) did you encounter in this assignment, and if yes, how did you solve the problems?

5. Comment on what you learned in this assignment.

Turn in by sending an e-mail with a .zip attachment containing your files and your report. Please use the subject line according to which course you are registered for: “CS4339 Assignment 4 submission” or “CS5339 Assignment 4 submission”.

Late submissions

The penalty for a late submission is 1% per hour for up to 10% for up to 24 hours late.

Due date

Wednesday, December 12, 11:00pm.