CS4753 Class Project – Milestone 4 (of 5)

Assigned: Wednesday, March 22, 2017
Due Date: Submit on collab by 11:59 pm Wednesday, April 5, 2017
CAUTION: Collab closes promptly at 11:59 pm. Don't wait until the last minute to submit.
It is better to submit multiple times than to risk no submission.
Weight: 8% of final course grade

(Note: Milestone 5 is worth 4% of your final grade and will be due April 19. Another 5% of your final grade will depend upon your group's evaluation of your personal effort and contribution to your team.)

For this milestone, we will be improving on the product that you have produced thus far in order to create a much more comprehensive eCommerce web-application. You will be constructing a 'Member Home Page' that new customers are directed to once they successfully sign up for your service. The content of what is shown on this member home page is largely based on your group's individual business idea. However, the content should demonstrate the main functionalities of your business and your value proposition to your customers.

Additionally, since people may want to sign into your service again, and not just the single time that they sign up, you will be producing a 'Sign In' page and adding that to the non-member set of pages that you produced for MS1 through MS3. This sign-in page should send data to a PHP page, which will redirect people who have successfully signed in to the member home page. Feedback should be provided on the sign in page if a password or username was incorrect.

Once you have produced member content on your member home page, you will want to protect and reserve that content for your customers, and keep outsiders from being able to access it. In order to achieve this functionality, you will be implementing PHP sessions, in order to only allow people to view your member home page if they have come from the sign-up page, or the sign in page (and completed the respective page processes successfully). You must not be able to access your member home page directly without traveling through one of these two pages. If someone does attempt to do this, you should redirect that user to your non-member home page (the first page that you created for this project).

Grading Criteria

CRITERIA	POINTS
Create a 'Member Home Page' that users can access either via successfully signing up for your service, or through the sign-in page if they have already signed up and their data has been saved in your database already. The content for this page is largely based on your specific business idea, but it must display the main functionalities of your business. This Member Home Page should be different	35

from the home page that non-members can view and should be inaccessible to non-members . ● An example of this would be: if you are providing people with a cooking/recipe service, you could create a page with different tabs that link to lists of recipes of different styles (e.g., Italian, Indian, holiday recipes). You could also construct a recipe-of-the-week page, or include some fake reviews from fake customers about how delicious a certain recipe was that you shared through your service.	
Create a 'Sign In' page that customers who have already signed up for your service can use to access your service on a regular basis. The Sign-In page must take a username (or an email) and a password as input. If the username or password inputted is incorrect, an error must be outputted to the user, and sign in must not occur. An additional PHP file must be constructed in order to collect the information from those fields and identify whether or not the password matches the password for the given user in the dataset. This page should be added to the navigation bar that is the same across all non-member pages. This page should be simple and elegant, because regular customers will be using it frequently.	25
Implement PHP sessions to restrict access to the member home page that your group completed and added to your project. Sessions should be set within the sign in's PHP processing file and sign up page's PHP processing file when the user successfully completes the respective actions for those pages. The PHP files that are used to process the data from these pages should set the necessary sessions, and then redirect the user to the member home page. The member home page will need to be a PHP file, with the necessary code to check whether or not the proper PHP sessions have been set (this is the computer's way of identifying whether or not the user that is trying to enter the site is valid). If the proper sessions have been set, the user should be taken to the member home page. If the proper sessions do not exist (this could occur if a user tries to go straight to http://yourproject.com/memberHome), then the user should be redirected to the non-member home page (which was produced for MS1). ● Information about PHP Sessions can be found at http://www.w3schools.com/php/php_sessions.asp ● As well as http://www.tutorialspoint.com/php/php_sessions.htm	20
Create a sign-out button/tab somewhere on your member home pages that members or customers can click in order to properly log out (and delete the session that they generated when logging in or signing up).	5
This is the final milestone of the course projects. These points will be awarded for overall completeness. All previous functionalities from MS1, MS2, and MS3 must be working properly, and any past issues **must** be corrected. All web pages must have similar and relevant styling. Overall, your entire project, which must now consist of a non-member home page, an about us page, a sign-up page, a sign-in page, a member home page, and any necessary supporting PHP pages, should look and function as a single cohesive web application.	15

TOTAL	100

Class Policies:

Late Policy: You will incur a 10-point late penalty for each day late that you submit your project. After 5 late days, no submissions will be accepted. CAUTION: Collab closes promptly at 11:59 pm. Don't wait until the last minute to submit. It is better to submit multiple times than to risk no submission.

Submission Policy: You will be submitting a .zip file of your project code to Collab under the correct assignment page. Groups will be required to sign up for in-person demos for each assignment, in which they will display their current progress to the TAs. On your honor, you agree to demo the exact code you submitted on collab.

Demo Policy: If you miss your scheduled demo appointment (disregarding emergency situations and extreme circumstances) you will incur a 5-point penalty on your milestone grade.