COMP 3512 Assignment #3: Finishing Touches [Vers 2]

Due Friday December 6th at midnightish

Overview

In this assignment, you will add some finishing touches to the application created in assignment #2. I would prefer you to continue working in groups on this assignment.

Grading

The grade for this assignment will be broken down as follows:

Program Design + Documentation	10%
User Interface	20%
Functionality (follows requirements)	70%
Bonus marks (optional requirement)	10%

Requirements

In this assignment you will be modifying your assignment. Requirements drift is a key part of application development. The assignment must contain the following additional functionality:

1. You **must** create the following test accounts (using the WAT). Failure to do so will result in large loss of marks!

- User name=`fred`, password=`abcd$abcd1`, role=`visitor`

- User name=`plato`, password=`abcd$abcd1`, role=`administrator`

2. The site must supply the ability to log-in and/or register as a new user. While you can create your own mechanisms for doing this, you are advised to save yourself time and use the built-in login controls.

3. After authentication, every page should display the authenticated user's name.

4. If the user has already been authenticated, then he/she should also be able to add new reviews to an art work.

   I have provided a new version of the Art database that contains a table called ArtWorkReviews with the following fields (ReviewId, ArtWorkId, Reviewer, reviewDate, Rating, and Comment). **Please use this new version of the art database.**

   When creating new reviews, store the current logged-in username (retrieved from WAT database using the Membership.GetUser method) in the Reviewer field. Don't make the user enter the review date (you can programmatically set that), and use the appropriate HTML5 control for entering a rating between 1-5. Alternately, you can use a fancy jQuery widget to enter the rating.

   A user should be able to review a given art image only once.

5. All users (authenticated and non-authenticated) should be able to view the reviews for an art work. <mark>You must also display the current average rating for that art work.</mark> For administrators, there must be a way to delete reviews <mark>directly from the art work page</mark>.

6. On your home page, add a box that lists the two-most most recent reviews. It should just list the review (or perhaps just the first 100 or so characters of it) and each should be a link to the relevant art work page.

7. Add one horizontal and one vertical art-related banner ad to your site. You don't have to create the ad; you can simply borrow one you find. They should be visible on every page.

8. Allow administrators the ability to edit the `Customers` table <mark>(add this as a link to the utility menu). They should be able to see a list of all customers, and then be able to select a customer to update</mark>. Appropriate validation (name, city, address and country not blank, proper email) should be covered. Be sure to use the best user input types.

Optional Requirement

1. Create a short portfolio Word or PDF document for this assignment. This is what a typical document might contain:

   a. On the first page, briefly (one paragraph) describe the gist of this project, the technologies used (ASP.NET, C#, SQL Server, jquery, AJAX, etc), and the principal functionality.

   b. Provide screen captures of each of the key pages (forget about the about page). If needs be, provide a short description (a few sentences) of the main functionality of the page, or of any special features on this page. If needs be, provide multiple screen captures of a given page if you want to show off special dynamic functionality.

   c. Host this site on a live public web server. If you do, be sure to provide link in your about us page.

The point of the optional requirement is for you to have a portfolio to give to future employers or clients in the near future. Believe me, you have created something very <mark>~~soul-crushingly hard~~</mark> *special this semester in this project. Having a document like this is an awesome way of showing off your incredible and relevant web development skills.*