Quiz #2
Date goes here

Name: _____

Answer only **one** question.

1. What are the two method values for the form element? What does each method type do?
2. What are the three different types of CSS selectors? Be sure to briefly describe each one.

Web 1 Assignment #3

Due

Overview

You can work individually or in groups of two for this assignment. This assignment will allow you to apply the concepts and technologies covered in class to a "real" project situation. In this assignment, you will design and implement a PHP-based web application for a fictional on-line art site. It is up to you what kind of site this will be. You can make it a store (say selling reproductions of these paintings), an informational site for educational purposes, a site for a museum, etc. Be sure to make it obvious what it however!

By the end of the assignment you will have a non-trivial web application that can be a reasonable portfolio piece.

If working in a group, each member needs to take responsibility for and complete an appropriate amount of the project painting. **Be sure to consult the instructor at least one week prior to the due date if your group is experiencing serious problems in this regard.**

Deliverables Summary

You must implement the use cases as described below in the use case section. As well, the following nonfunctional requirements **must** be met in this assignment:

1) The use cases must be implemented in PHP.

2) You have been provided with a resources folder that contains painting and artist images.

3) You must dynamically generate your pages in PHP using the following data files: `paintings.txt`, `artists.txt`, `logins.txt`, and `ratings.txt`.

Submitting

You must submit this to a folder called `Assign3` in your account folder on the CSWEB1 web server along with a copy to the submit folder.

Grading

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

Usability and Design	35%
Program design and documentation	15%
Features/Functionality	50%

File Schema

Each of these files contains delimited lines of text, where each line of text represents a different object/record, and the delimiter separates each value/field. The delimiter is the tilde (~) character.

paintings.txt

painting id ~ artist name ~ title ~ year ~ width ~ height ~ price ~ description ~ Wikipedia link ~ genre

artists.txt

artist id~artist name ~ nationality ~ year of birth ~ year of death ~ description ~ Wikipedia link

ratings.txt

painting id ~ current rating ~ number ratings

logins.txt

username ~ password

USE CASE NAME:	**Home Page**
DESCRIPTION:	Home page for the web site
1.	The system displays a logo and navigation system. The home page **must** be named **index.php**. Failure to do so will result in a loss of marks. The home page should contain some select additional content, such as featured artist, hot paintings, etc. If you want to impress the teacher, you might even make use of some type of jquery-based painting or artist slide show. *First impressions count so make your home page sexy!*

USE CASE NAME:	**Navigation**
DESCRIPTION:	The web site's navigation system.
1.	The system must provide a way to navigate to different sections of the site. There needs to be a way to view the following use cases anywhere in the site: **Home Page**, **Browse Paintings**, **Search**, **Login/Logout**, and **About Us**. The system should have a secondary navigation system that displays genres and artists. The users can then click on a genre and go to the **Painting Search Results** use case/page or click on an artist and go to the appropriate **Display Single Artist** use case/page.

USE CASE NAME:	**About Us**
DESCRIPTION:	Display information about this site
1.	The system will display information about this site. Be sure to mention that this site is hypothetical and was created as a term project for COMP 1511 at Mount Royal University taught by Randy Connolly or Arne Grimstrup. As well, be sure to list the group member names and roughly the parts of the project each member implemented.

USE CASE NAME:	**Search**
DESCRIPTION:	System allows user to search for paintings from a single search box.
1.	This use case is initiated when a user enters text into search box and hits some type of submit button or link. Note: this search box should be accessible everywhere in the site.
2.	The system will search for results that match the painting title. The system goes to the **Paintings Search Results** use case. You can decide to have the search perform an exact match, partial match, or beginning characters match. One of these choices is pretty poor from a usability standpoint.

USE CASE NAME:	**Paintings Search Results**
DESCRIPTION:	System displays a listing of search results from user's paintings search.
1.	This use case is initiated after the user makes a search request or clicks a listing-type link (e.g., clicks a specific genre link, which would display all the paintings with that genre).
2.	The system will display matching paintings. Each result should have the artist name, painting title, small image as well as a link to the appropriate **Display Single Paintings** page link. The painting images are provided in two sizes. The filename is based on the painting id.

USE CASE NAME:	**Browse Paintings**
DESCRIPTION:	Display all the paintings.
1.	The system will display all the paintings. Essentially, it simply is the same as the Painting Search Results page except that it displays all the paintings. *Note: This shouldn't require a separate page. Your Painting Search Results page should be able to handle this case.*

USE CASE NAME:	**Login / Logout**
DESCRIPTION:	Provide ability to login or logout.
1.	The user should be able to login (username + password) using the data from the *logins.txt* file. If a login is unsuccessful, then you display an appropriate error message. If login is successful, then on every page, instead of a login link, you must display the user name and a logout link. Once a logout link is clicked, then each page should display just the login link again. You may decide to have a separate page to do the login or you can integrate a login area into each page.

USE CASE NAME:	**Display Single Artist**
DESCRIPTION:	System displays a single artist for view.
1.	This use case is initiated when a user selects a single artist to display (e.g., clicks a link that takes the user to this page).
2.	The system displays information about a single artist. This page should display the artist name, nationality, birth and death years, description, picture of artist (included), as well as a list of paintings by the artist. Each painting should be a link to Display Single Painting. The page should also provide a link to the artist's page on the Wikipedia.

USE CASE NAME:	**Display Single Painting**
DESCRIPTION:	System displays a single painting for view.
1.	This use case is initiated when a user selects a single painting to display (e.g., clicks a link that takes the user to this page).
2.	The system displays information about a single painting (title, artist, year, label, rating, description, width, height, medium, and genre; price is optional: if your site isn't a store then you probably won't display the price). Genre should be a link that will take the user to the **Search Results** use case. Artist should be a link to the appropriate **Display Single Artist** page. It should also display the art painting image (the painting id is the filename). For groups of two, you must also provide access to the **Rate Painting** use case. The page should also provide links to the painting's page on Wikipedia.

USE CASE NAME:	**Rate Painting (optional for people working by themselves)**
DESCRIPTION:	Provide ability to rate a painting.
1.	The user should be able to rate a painting (a value out of 5). It doesn't actually have to save the new rating.

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