Final Project CS2830 Documentation

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My Project:

http://ec2-54-84-102-137.compute-1.amazonaws.com/FinalProject/

Requirements:

1. The requirement is to use HTML5 and CSS3 for page content and layout. All of my html files used in the website contain all 5 of the required tags. No tables are used to format the layout of any pages. CSS is used to style all elements in the website.

2. The requirement is for the website to have a consistent design. All four of the main pages in the website contain a common static menu at the top of the page. This menu allows the user to move from page to page. This is shown in the file "Menu_Final.html". This file is added to every other primary html file using jquery.

3. The requirement is to have a well-structured and logically organized website. Throughout the entire website, I use only one external css page and I try to use shared classes between similar elements in each page. This can be seen in the file "CSS_Final.css" on line 21 where I use the class "pageTitle" for several different pages on the website.

4. The requirement is to have a login with pages that are publicly accessible and privately accessible. I have a login page that allows only the logged in user to view the complete roster of members. This can be seen in the file "Login_Final.php" on the lines 38-175. Contrary to what most people do, I chose to not use cookies and PHP for this part. I instead used JavaScript to implement this.

5. The requirement is to have the username "test" and the password "pass" to allow the user to log in. The username "test" and the password "pass" work to give the user access to the secure information. This can be seen in the file "Script_Final.js" on the lines 96-101.

6. The requirement is to use PHP properly. I use PHP in several different files. This can be seen in the file "indexInfo_Final.php" and in "loginMail_Final.php".

7. The requirement is to use GET and POST. I use GET in the file through AJAX in order to display the quick facts. This can be seen in the file "Script_Final.js" on line 86. I use POST in the file through an email form submission. This can be seen in the file "Login_Final.php" on lines 207-212.

8. The requirement is to use form elements other than for the login. I use another form element in my website to give the user the option of a dropdown menu to select different quick facts. This can be seen in the file "index.html" on the lines 69-79.

9. The requirement is to give feedback anywhere that the user can provide their own input. I give feedback to the user when they submit their login information. I do this by sending an alert that tells them what they didn't fill out or what was incorrect. This can be seen in the file "Script_Final.js" on lines 105, 111, 117, and 123.

10. The requirement is to have a page with multiple photos present. I have a certain page in my website that contains multiple photos at the same time. This can be seen in the file "Gallery_Final.html" from line 38-62.

11. The requirement is to have a video embedded. I have a page that displays multiple embedded youtube videos. This can be seen in the file "HouseTour_Final.html" from line 36-42.

12. The requirement is to properly use JavaScript. I use proper techniques of JavaScript on my website. This can be seen in the file "Script_Final.js" on lines 41-48. This section of JavaScript clears the login form back to empty. I use javaScript in other ways in the file as well.

13. The requirement is to properly use jQuery. I use proper techniques of jQuery on my website. This can be seen in the file "index.html" on lines 26-28. I use jQuery here to include my menu html file that is added to the top of the index file. I do this in all of the primary files that have the navigation bar on top.

14. The requirement is to either use jQuery UI or Bootstrap. I use jQuery UI in my website to give the user the ability to drag the login form. This can be seen in the file "Login_Final.php" on lines 27-29.

15. The requirement is to properly use AJAX. I use AJAX in this project to display the different quick facts that are available. I do this using javascript in the file "Script_Final.js" from line 69-88.

16. The requirement is to go above and beyond on this final project. I believe that my website has parts that go above and beyond the parameters. This can be seen in the fluidity of each page and how they complement each other.

17. The requirement is to properly provide this document. This is the required document.

References:

- Script_Final.js
  - The updateInfo() function is based off of code from lecture
  - The includeHTML() function is based off of code I found online at https://www.w3schools.com/howto/howto_html_include.asp
- loginMail_Final.php
  - The code from this php file is based off of the website https://www.w3schools.com/php/func_mail_mail.asp
- indexInfo_Final.php
  - The code from this php file is based off of code from lecture