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CS2830 Final project Overview

Final project Link:

http://ec218221221144.useast2.compute.amazonaws.com/FinalProject/index.php

I recommend viewing my project in google chrome incognito mode for the best visual layout.

How did this project meet the requirements of the assignment?

1. **The web application must use HTML5 and CSS3 for page content and Layout:**

All webpages of my website HTML5 and CSS were utilized. This allowed each page to have a consistent design and offers webpage functionality. There are no tables in this assignment.

SEE: “Cmpvm5Final\_Leadership.php”, “Cmpvm5Final\_Resources.php”, “index.php,” “Cmpvm5Final\_Philanthropy.php,” “app.css”- > the whole document, “Cmpvm5Final\_Stylesheet.css” -> the whole document

1. **The pages/sections that make up the web application must have a consistent design/interface:**

Each page has a consistent design with the same logo at the very top, and a pink border; the login button is on every page when the user is not logged in and the logout button is on every page when the user is logged in—so the user has the option to logout from every page which will direct them back to the homepage. The menu bar is on every page for easy navigation

SEE: “Cmpvm5Final\_Stylesheet1.css”->lines 2-42, “Cmpvm5Final\_Philanthropy.php” lines -> 35-40

1. **The application must be well-structured and organized:**

In order to change the navbar, you only need to make changes in “navbar.php” instead of having to make changes in every single file that the navbar incorporates

SEE: “navbar.php” -> whole document, “Cmpvm5Final\_Resources.php” lines->60-62

1. **Public and private content:**

Every page except the Resources page is public. The Member Resources button in the menu bar requires a login to view the page. The private page differs from the public page because the public pages offer general information about the sorority, while the Member Resources page allows members to contact the sorority through a contact form and shows our specific address. At any time, the user can logout and once they are logged out they can no longer access the private page without logging in again.

SEE: “index.php”->whole document is general information, “Cmpvm5Final\_Resources”->lines 78-103

1. **Test and Pass**:

The User ID: test and Password: pass allows the user to login and access the “Member Resources” tab in the menu bar

SEE: “Cmpvm5Final\_Login.php”, “Cmpvm5Final\_Resources.php”->lines 1-13

1. **Utilize PHP and proper PHP technique:**

PHP is used in several pages as well as the general login form. It is used at the top of every page so that the user can stay logged in or is logged out in every page.

SEE: “Cmpvm5Final\_Leadership” lines->1-9, “Cmpvm5Final\_Resources.php” lines->1-13, “Cmpvm5Final\_Philanthropy.php” lines->1-9, “index.php” lines->1-9

1. **Must use GET and POST:**

Use GET to grab information from the PHP documents, "paragraph.php” and “paragraph2.php” and displays the information on those documents on the home page as fun facts

SEE: “index.php”->lines 34-69, “paragraph.php”, “paragraph2.php”

Use POST to secure the login form

SEE: “Cmpvm5Final\_Login.php” lines 21-31

1. **Form elements beyond a login form:**

Have a contact form on the resources page which allows users to input their Name, Email Address, and a Body

SEE: “Cmpvm5Final\_Resources.php” lines -> 78-103, “mailer.php”

1. **Informative feedback for user input:**

On the login form, if the username or password is incorrect an error pops up saying that they typed in the incorrect username/password and asks them to type in the correct username and password

SEE: “Cmpvm5Final\_Login.php” lines -> 39-41

1. **Multiple photos must be present:**

Present on the homepage, the crest and the logo are both photos

SEE: “index.php” lines-> 98, 104

1. **Video present:**

A video of our philanthropy events is present on the philanthropy page

SEE: “Cmpvm5Final\_Philanthropy.php” lines ->69-73

1. **Utilize Javascript and proper JavaScript technique:**

Javascript was used in the contact form in the member resources tab of the website

SEE: “app.js” -> entire document, “Cmpvm5Final\_Resources.php” lines ->105-106

1. **Utilize jQuery:**

jQuery was used in the login form as well as the contact form on the resources page

SEE: “Cmpvm5Final\_LoginForm.php” line -> 7, “Cmpvm5Final\_Resources.php” lines ->105-106

1. **Utilize jQuery UI or Bootstrap interface elements:**

Bootstrap is utilized in the navbar which is implemented on the home page

SEE: “Cmpvm5Final\_Philanthropy.php” lines ->24-27, “Cmpvm5Final\_Leadership.php”: lines -> 25-28, “Cmpvm5Final\_Resources.php“ lines->28-35, navbar.php” ->whole document, “index.php” lines-> 94-96

1. **Utilize AJAX:**

AJAX is used for the login/logout toggle button in every page

SEE: “Cmpvm5Final\_Philanthropy.php” lines ->33-42, “Cmpvm5Final\_Leadership.php” lines ->34-43

1. **Not a trivial web design:**

My final project is a website for my sorority at Mizzou, Alpha Chi Omega. It is not trivial because it offers valuable information about our sorority including our philanthropy, leadership, and general information about the sorority.

SEE: entire project :)

1. **A document is to be written that provides link to web application and how you met the criteria provided in this document:**

You are currently reading this document!

SEE: This document!

**References:**

* From Professor Wergeles lecture notes:
  + “Cmpvm5Final\_Login.php” –the login code from lecture was utilized
  + “Cmpvm5Final\_LoginForm.php” –the login form from lecture was utilized
  + “Cmpvm5Final\_Logout.php” –the logout code from lecture was utilized
  + “Cmpvm5Final\_Error.php” –the error code from lecture was utilized
  + <http://blog.teamtreehouse.com/create-ajax-contact-form> used for the AJAX contact form
    - “app.js”, “mailer.php”, “jquery-2.1.0.min.js”, “style.css”