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CS 2830 Final Project

Personal Portfolio Site

Link: <http://babbage.cs.missouri.edu/~cjkmt9/finalproj/>

The website that I built is a personal portfolio. It is designed to showcase my abilities in web development as well as the type of information that would appear on a resume. The content of the portfolio is fairly outdated, as I copied it from an old portfolio I built when I applied for a job in high school, however some of the information has been tweaked.

**Requirements:**

1. **HTML 5 and CSS**. You will find that all of the pages have an HTML 5 doctype as well as the “5 required tags”
2. **Consistent Design**. The website uses AJAX based navigation which replaces the content of the main content area with another document from the server.
3. **Organization**. The portfolio has common features between all the pages. The only part of the page that changes is the main content area.
4. **Public and Private Content**. When not logged in, a user has access to the **Introduction, Weather,** and **Videos** pages. When logged in, a user has access to the **About Me, Education Experience, IT Experience, Volunteer Experience, Nicaragua Missions,** and **Work Experience** pages.
5. **Login.** The portfolio uses a cookie login which keeps you logged in for one hour before the cookie expires. If a user leaves and comes back within that hour, they will be redirected to the homepage. If they are not logged in, they will be redirected to the login page. If the login fails, the user is redirected to a different style of login page. You can login with the username *test* and the password *pass* by clicking on the **Login** button in the very top right corner of the portfolio site.
6. **PHP.** The web application utilizes PHP in many ways. All of the pages are PHP files. PHP also handles the server-side of the AJAX navigation as well as the login functions.
7. **GET and POST.** The portfolio uses GET for the Weather Underground API calls in ‘weather.js’ and POST for the navigation and the login functions.
8. **Form Elements.** My portfolio utilizes form elements on the weather settings page. This page can be accessed by clicking on the gear icon in in the top right corner of the content area on the weather page.
9. **User Feedback.** When the user fails to use the correct login information, they are redirected to a page that tells them the credentials were invalid and asks them to log in again.
10. **Photos page.** The **Nicaragua Missions** page has many images on it. (These images are also draggable).
11. **Video Page.** The **Videos** page has a funny short film embedded on it from Vimeo.
12. **JavaScript.** The portfolio utilizes JavaScript on every page. Most JavaScript is contained in external files however some is written on the document itself.
13. **jQuery.** My portfolio utilizes jQuery within ‘navigation.js’ and ‘weather.js’ as well as *many* other places.
14. **jQuery UI.** jQuery UI is used throughout the portfolio for dragging, snapping, accordions, etc. The main menu is draggable by its handle (located on top) but snaps back into its default position when brought close to it. The accordions are located on the content areas of the **Education Experience, IT Experience,** and **Volunteer Experience** pages. Also, *all* the modals are draggable like a popup window would be.
15. **AJAX.** My website uses AJAX for the navigation and fetching the weather data from the Weather Underground API.