Final Project CS2830 Documentation

My project: <http://ec2-18-188-73-37.us-east-2.compute.amazonaws.com/final>

My website is about interactive calendar. The start page of my project is called “index.html” which is just a cover page with some captions to grab ppl’s attention. At the page “idea.html”, I talk about the concept/purpose of this website. Also, I upload a YouTube video to roughly show my calendar for user that doesn’t have a clue yet. Next I put some intro of myself in “me.html”. Last but not least, tab “start today”//page “signup\_form.php” is a place that user can sign up to get into their workshop home page. If the user already had an account, the browser then will take him/her to the log in page(“login\_form.php”).

If the user logged in successfully, he/she will get directed to the page “workshop.php” which contains the monthly calendars. By using the menu, the user can choose from April to June to get into the calendar page (“april.php”,” may.php”,” june.php”). User then can add/edit/delete their events, change theme, and drag the stickers for decoration. Unfortunately, I didn’t enough time to do database for storing the data from user, so if user refresh page or change the month, the data won’t be saved. Other than that, if you stay on the same page, it is well functioning. (full demonstration is in my video in page idea.html)

Requirement:

1. Use of HTML5 and CSS:

All my pages that are displayed on the website fulfill the 5 required tags with CSS.

1. Consistent Design:

My website has a consistent header and nav bar that allows the user to go back and forth between the different pages. If the user is logged in, he/she can always return to the start page by log out. Also, the font and the general background style/color is uniformly designed.

1. Well-Structured:

If one wants to change the style of my navbar or anything (includes css and js) of my calendar, one can do this once for every page since I connect files (navbar.html, main.css, pop-up-note.css, and pop-up-note.js)

1. Login:

The “start today” tag in my nav bar is a page to sign up to get into the workshop page. If one already had an account, the browser will take him/she to log in page. After login, user can jump to the workshop home page in order to start their calendar. The “workshop.php” page has a log out button to log out. The browser will auto take one to the log in page if one hasn’t logged in but want to go the workshop.php page or the calendar page (“april.php”,” may.php”,” june.php” lines 9-12) by typing the url. It will show the alert “you haven’t log in yet”.

1. Form Elements Beyond Login:

Beside the sign up and log in form, I use form for my add event in line 140 in file “april.php”,” may.php”, and” june.php”.

1. GET and POST:

I used GET in line 140 in “april.php”,” may.php”, and” june.php for my event input. I used POST for the login\_form as well as signup\_form.

1. Error Handling:

For error handling, when signing up, if the user doesn’t type the same password in the confirm password field, the user got an alert (signup\_form.php linns 21-25). If the user does not type the correct username and/or password, he gets “incorrect username or password” alert(login.php lines 88-93). For the calendar, the user will get alert when he/she didn’t type all filed or type number for the first character in title, which will mess up the output. (pop-up-note.js lines 109-117)

1. PHP:

I uses PHP at several places. Besides the general signup and login process, PHP is included in the beginning of my workshop and calendar page to prevent user to jump into these pages before login. (Ex. Workshop.php, april.php, may.php, and June.php lines 1-14)

1. Multiple photos:

I use multiple pictures for my decoration like index.html line74, idea.html lines 24-26, which I design in the website Canva.

1. YouTube:

The “idea.html page” line 29 contains my YouTube video which demonstrates how my calendar works.

1. Javascript:

My website uses a lot of javascript in my calendar pages: pop-up-note.js. They deal with my calendar’s functionality like add, edit, delete events, or change theme.

1. JQuery:

One example where JQuery is used is the ready function where I load my nav bar to my home home page(index, idea, me.html and also signup\_form, login\_form.php), around lines 11-14. Also, keyup() method in signup\_form.php line 20.

1. JQuery UI:

My project uses the jQuery UI function .draggabe() for the sticker on the calendar page (in pop-up-note.js line 200 ).

1. AJAX:

AJAX is used at my help button in calendar page (in pop-up-note.js line 30), which load my infoBox.php for more info for users.

1. Overall Purpose:

Nowadays, bullet journal has became more and more popular. Though designing your BUJO is a really fun process, some ppl, including me, do not have enough time to do the whole design part. So I came out an idea that why not create a decent calendar that is more artistic than the normal calendar in our phone and computer, but still leave some space for users to do the styling? So my home page is kinda like introducing this idea to visitors, and if they are interested, they can go sign up and log in to the workshop page to the main calendar page.

References:

* **Index.php & login\_form.php &signup\_form.php :**

images from pinterest.

* **Login.php & signup.php & error.php & logout.php:**

Mostly I used the code from the lecture.

* **Workshop.php:**

The month images are from : https://thecottagemarket.com/pretty-floral-free-printable-2020-calendar/

* **April.php, may.php, June.php:**

I took part of the calendar code from W3S as my reference. (<https://www.w3schools.com/howto/howto_css_calendar.asp>)

And the How To Create a Modal Box from W3S. (<https://www.w3schools.com/howto/howto_css_modals.asp>)

* **Pop-up-note.js:**

For the function current, I took W3S as my reference. For the draggable(), I took <https://jqueryui.com/draggable/> as my reference.