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COP3813

Intro to Internet Computing

For the eighth project I utilized all my knowledge in JavaScript, jQuery, HTML, CSS/Bootstrap and PHP to design and implement the portal page for my website.

This assignment was pretty simple. I already made an index page for my site but just needed to clean it up and make it look modern. My design tastes aside, I used bootstrap and various images to build upon my web's current framework.

Utilizing my previous index page, I gutted all unrelated text and put in its place clickable images that would direct you to the corresponding page. I used jQuery to handle the click events and Bootstrap to layout the way in which the images will be displayed. For each of the jQuery events I would open up a modal dialog where the user can read a bit about the webpage they will navigate to. I reused a modal I built in the past and stuck it inside the DOM, ready to be called and initialized.

```
<div id="myModal" class="modal fade" role="dialog">
        <div class="modal-dialog modal-lg">
            <!-- Modal content-->
            <div class="modal-content">
                <div class="modal-header">
                    <button type="button" class="close" data-dismiss="modal">&times;</button>
                    <div id="modal-header-content"></div>
                </div>
                <div id="modal-body-content" class="modal-body"> </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-default" data-dismiss="modal">Close</button>
                </div>
            </div>
        </div>
    </div>
```

The portal.js file in which I handle click events on the images, simply build html and stick it inside $("#modal-body-content"). After that I tell the modal to show by $("#myModal").modal('show'); I also set the header text of the modal there as well.

I used brackets for designing my site. I also used two Brackets extensions that let me code faster and more efficient: https://github.com/dingdong-io/brackets.beautify.io, http://www.oslibrary.in/other-information-code/brackets-php-syntax-hint. I really like the live preview option it has. Also its minimal interface is just right for me. User extensions were also a nice feature. I'm utilizing a github extension for brackets to have source control. I used Firefox for the majority of my testing as I could see how my webpage can be responsive on different screens.

http://www.w3schools.com/php/php_ajax_php.asp