

Project Web2

Due Date: September 29

Purpose

After your huge success on the first project, your web development career has taken off. As such, E-Z Docking Solutions has hired you to redesign their web site (as seen in class). Although they are paying you next to nothing, you jump at the chance to fix their, um, interesting pages.

This is an individual assignment.

Requirements

You are to create a web site that incorporates **all** of the information on the following pages:

- <https://www.nhdocks.com/> (See below for more information about this page)
- <https://www.nhdocks.com/dock-packages-and-pricing/>
- <https://www.nhdocks.com/sure-step/> (Why does this page exist? See below for more instructions regarding this page)
- <https://www.nhdocks.com/dock-parts-and-accessories/>
- <https://www.nhdocks.com/warranty/> (See below for more specific instructions regarding this page)
- <https://www.nhdocks.com/contact-us/> (See below for more specific instructions regarding this page)

Your redesign should have a site-wide theme for the pages listed above, and include links to all of your redesigned pages (except the Warranty page; see below).

Specifics

- Your redesign should follow good design principles, while still presenting the site in a manner befitting a retail establishment focusing on leisure time products. Remember your audience!
- All of your pages should be created with HTML5 for the content and CSS for the look/behavior.
- The pages should look good for browser widths from 1392 pixels down to 800 pixels. This means you have to think carefully about your design so that it will work at these sizes and everything in between. Note that these are not sizes for mobile devices; you are not creating a site with true responsive design, but your layouts should be fluid.
- Your site should be accessible from a link on your own home page.
- You should have a good folder/directory design on the cs server for the site. Do not put all of the files into one folder!
- Your CSS should be in a separate file and in a folder that stores only CSS files. The same holds true of images.
- **Validate** your HTML pages and your CSS files.
- Creativity and effort will be rewarded.

- Specific items to include in your redesign:
 1. Careful placement of elements and CSS so that the design is coherent at both 800 and 1392 pixels wide.
 2. Navigation that includes some sort of animation (different from what we did in class).
 3. The navigation elements should remain in the same place on the page no matter how much scrolling is done; that is, navigation should always be visible.
 4. Hovering on any image should make it appear larger (rather than having to click on the image).
 5. The E-Z Docking Solutions home page should be completely revised. Do not include the “Get In Touch With Us” section (there is the **Contact Us** link for that). The page should still provide a good advertisement for the company, and should still include all of the links in the navigation (only the ones specified in this document need to work properly, however).
 6. The new “Sure-step” page should include some information/data from other portions of the original site. As it is currently, there is no reason for this page to exist.
 7. The new “Contact Us” page should include only a form for your information, a drop-down menu containing various topics that the user wishes more information about, and custom “Submit” and “Reset” buttons. Of course, pressing the buttons will not actually do anything at this point.
 8. Clicking on the “Warranty” option should open a new, **small** pop-up window that contains only the pertinent information. We don’t want a whole new page on the site for so little information. Note that this will require a little bit of JavaScript, so you may wish to hold off on this until we cover it in class.
 9. Include at least two special effects, as described in Chapter 4.2 of our text. Note that many of these should be used *sparingly*, but we want to have *some* fun (and we need to practice)!
 10. Include one additional custom animated item on the site, done with CSS. This animation should include one of the images on the current site. The animation should be pertinent to some specific aspect of a page. Feel free to ask for my opinion of your idea(s).

Notes

You do not have to follow **any** of the designs used on the original E-Z Docking pages. In fact, I encourage you to **not** follow any of their design. You are totally free to design everything, including the location of content, colors, navigation, links, size of elements, etc.

As before, the way to produce a web page is to come up with a design **first**, then figure out the HTML and CSS to implement your ideas.

Project Submission

For full credit, you must be sure your web pages and all necessary files are stored in your web space on the cs server by 11:59:59 PM on September 29th. The HTML pages should be stored in a folder or set of folders within the `/public_html` directory on the server. Remember to try out your pages by pointing your browser to:

`https://cs.wheatoncollege.edu/~login_name`

Important: Do not edit your home page until the previous project has been graded!

Submit a screen shot of the E-Z Docking home page in class on March 1st. As before, this does not have to be in color, nor be of good quality. Write your name at the top. Write or print and **hand sign** the Wheaton Honor Code Pledge on what you turn in: “I have abided by the Wheaton College Honor Code in this work.”

If you think math is hard, try web design.
– Trish Parr