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Group project 1 Documentation: HTML

Github repo ID: zcolbert

<https://github.com/CSC317-Fall-2021/csc317-group-html-storefront-zcolbert.git>

(Arielle's Contribution) Arielle Riray Student ID #917861209

For this assignment, I had the task of putting together the PDF for the site design, and was in charge of the login page, membership page, an ad, the individual product page template, and filling it in with 3 reptiles. In the site design phase, I laid down the general color scheme and layout of how I was envisioning the site using a raster based digital art program which helped streamline the process. I used a small color pallet of contrasting greens and a soft black as the header. Then I designed the layout of some of the main pages, and my group members sent in their layout of the other pages.

I tweaked their images to fit in the general colors, navigation, and header from my original layout, and then compiled all the images into a PDF to turn in. Having this PDF was very useful to reference when recreating the site in HTML. As for the actual html creation phase, our group set deadlines throughout the week on what parts we should get done to stay on track, along with assigning each other roles to balance out the work. I was in charge of the login, membership, an ad, and individual product page template, and filling it in with 3 reptiles. As for my first task, the membership page, this was the part that took the longest and gave me the most headache. This was mainly due to all the <tr> and <td> tags I had to keep track of, all encompassing over 30 data fields with 5 fieldsets of inquiries the user can fill in.

There were many instances where I forgot a closing tag which completely messed up the look or alignment of the page as I worked on it, or that I had an incorrect use of colspan. Eventually, I successfully got through it hours later by skimming through code, tweaking, and refreshing the page dozens of times. The second task, which was the Login page, was straightforward. I made a table to represent the login prompt with the logo, username, and password field using the type=password to hide the input. I also created a bold green login button to make it more visible compared to the html button type. I did not face issues creating this page. The third main task I needed to do

was to create the template of the individual product site, so the rest of my team members can fill it out with their assigned products. I only started on this part after I felt very comfortable understanding how to implement tables. For this page, I made it so that there was a main image and 4 smaller images to show off the product better. I also added in boxes to fill in a description and other information related to the product. I filled in the leftmost column with the price, a “Buy Now” button I created, and the ad anchor.

Then I stylized my template to fit in the color scheme and make it more appealing to the eye. After putting in comments and placeholders of the text my teammates can fill in, I distributed the template out to the rest of my teammates for them to fill out their animal products. At this point, I styled my login page, membership page, filled three individual product reptile pages and pushed that to the repository, along with the images that come along with it. There were still a few hiccups here and there, such as unbalanced tags, broken links, and some incorrect syntax, but these were easy fixes. With Visual Studio’s feature of highlighting connected tags and the find/replace tool, it made it a lot easier to find the issues. Another issue I noticed was that I created the template of the individual product page before I knew the final file/folder structure. This ended up creating many broken links for everyone’s individual product page due to the <a> tags not having the correct file path. Thankfully, my teammates found a python program that can scan our code for broken tags and links which can sniff out which files still have them. .With our solid team of everyone communicating and working together, we managed to patch up a vast majority of these issues and finished up the site on Monday night, ready for presentation.

Nathaniel Miller Student ID # 922024360 FAQ, About Us, ad anchor, page linking (Nathaniel)

For this assignment I had the task of creating the FAQ and About Page for the website. Thankfully this was straightforward. From my teammates, I received a header, footer, as well as sidebar navigation. This streamlined the development process as my pages could be fit between these. The problems I faced were mostly formatting. For example, on the FAQ page, we wanted the questions to alternate in blocks. Doing this without style means they only align to certain positions on the page and it becomes bothersome to fit. The above page didn’t cause any problems as it is mostly text with links but fitting it into the header, footer, and side navigation without breaking the format was the same for all the pages. I also created ad anchors such that the code to display an ad on a certain part of the screen would be easily accessible and pre-written so my teammates could just copy and paste it into where they wanted an ad. Lastly, I created three of the product pages which include 3 amphibians. The only problems faced here were linking the pages with their respective pieces. There were intermediate pages that needed to have the link product pages I made so they all had to be changed. This wasn’t so much

a problem than a pain. Such as it causing the home button to not work. Which was a simple fix by recreating the link with a different path that included the full directory.

Zachary Colbert Student ID #921899547

For this project I implemented the site's header, footer, sidebar navigation, and a general page template according to our design. I also populated the pages for three animals in the "Avian" category into a template created by Ari. Implementation of the header and footer were relatively straightforward since it was created as a starting point and I wasn't working around much existing code. I had some issues with resizing the search bar until my group members made me aware of the "size" attribute which allowed me to increase the width of the input. While implementing the sidebar, it was challenging to prevent the menu from stretching the full length of the page. Ultimately this was solved by adding a second row to the page's body, and making the content column span two rows. By making the sidebar navigation only occupy a small percentage of the height, it collapsed down to use only the minimum space required and allowed the main body content to stretch into the extra row without expanding the sidebar.

Chris Camano ID#921642160

For this project I was responsible for creating the Shop page, payment page, organizing team meetings, ensuring that page linking was implemented properly such that no pages redirected to broken paths, one ad, the 4 intermediate product type pages, 3 mammals, Styling the home page, organizing the project speech, Organizing the file structure within the repository, and creating the company logo. This project was very hard in a unique way. It was not an intellectually challenging assignment as much as it was a trial of exposure to tedium. I found that as our file sizes grew into the range of 500 lines or so it became extremely difficult to debug table organization issues even with comments and truncating functions within VS code. Luckily our team member Zach developed a python script that scanned for missing tags which greatly helped our debugging process. It was very difficult to configure the display tables for all 12 animals to have proper padding and organization. Width percentages had to be manually implemented 1% at a time until the shop page looked presentable. I really enjoyed working in the individual product pages and think they are the highlight of our project as they are very well designed and do an excellent job displaying the products. I started to implement a rotating file system for the alternative angles of each product where clicking one of the photos would take you to a copy of that page with the main photo and the selected photo's pictures swapped, however I found that altering the 48 pages required to do this was too large of a task to take on by myself so the idea was shelved for future versions.