

IST 263 Project Milestone 7 – Completed Site

Name: Esther Chang

Description:

I will be creating a virtual aquarium website. The website will be like an aquarium. Each page will be about a different environment of the ocean. The first page will be like a coral reef exhibit: display contents of animals like sea turtles and corals. The second page will be like a deep sea exhibit: showing animals like giant squid. The third page will be about the open ocean, so there can be animals like sharks and dolphins. Each page will be themed with pictures and descriptions of fun facts of the animals from each group.

Paste the urls of the three pages you want me to grade below along with their validation links:

Page 1:	https://estherchang1924.github.io/ist263/project7/index.html
Page 1 Validation:	https://validator.w3.org/nu/?doc=https%3A%2F%2Festherchang1924.github.io%2Fist263%2Fproject7%2Findex.html
Page 2:	https://estherchang1924.github.io/ist263/project7/deepsea.html
Page 2 Validation:	https://validator.w3.org/nu/?doc=https%3A%2F%2Festherchang1924.github.io%2Fist263%2Fproject7%2Fdeepsea.html
Page 3:	https://estherchang1924.github.io/ist263/project7/opensea.html
Page 3 Validation:	https://validator.w3.org/nu/?doc=https%3A%2F%2Festherchang1924.github.io%2Fist263%2Fproject7%2Fopensea.html

Learn Something New:

I learned how to make an interactive element follow the mouse cursor, which is the fish image I drew following the mouse. This happens on all 3 pages. I used Javascript for this new thing and learned the logic of also how to get the coordinates of the cursor. I used prior math knowledge I knew from computer graphics (OpenGL) and basic CS logic to help me make it happen. It came out really cute, so I am proud of it!

Self-Assessment:

Examine the list below. Does your website meet all the requirements listed? If not, explain where you had trouble. You'll get more points if you point out the errors and discuss them then if I find them and you haven't detailed them below.

Yes, it meets all the requirements listed.

Example: I had trouble with #14 making some of the items on my web page responsive. The image on my about page runs off the side of the screen causing left to right scrolling. I attempted to correct this by doing _____ and _____.

Requirements List:

HTML

1. Correct HTML syntax and the tags chosen are appropriate.
2. Site validates with no errors.
3. Headers and semantic tags used correctly.
4. All links work. Images have alt tags.
5. If applicable: form fields are the correct type for the data.

Images and Layout

6. Layout matches wireframe or is complex layout.
7. Images used in accordance with intellectual property rules.
8. Images are sized down to less than 150kb to create best image quality in software like Photoshop or by using free online tools. No giant images being sized with CSS or HTML.
 - a. Exceptions can be made up to 2MB for select hero or featured images, but this is a rare situation and should be explained in your submission document.
9. Tables used for data display (not layout).

CSS

10. Correct CSS syntax. All CSS is embedded or linked.
11. Page contains adequate white space around all content.
12. Semantic container tags used properly.
13. Flexbox used for layout.
14. Website displays properly on a mobile device.

Accessibility

15. Site passes WAVE checker with no errors or color contrast issues.
16. Lab accessibility checklist followed, including "skip to content" link. Appropriate changes to your site.

The End!