WEBSITE DEVELOPMENT

Task 3: IPO & Test Case & Validation

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5.1

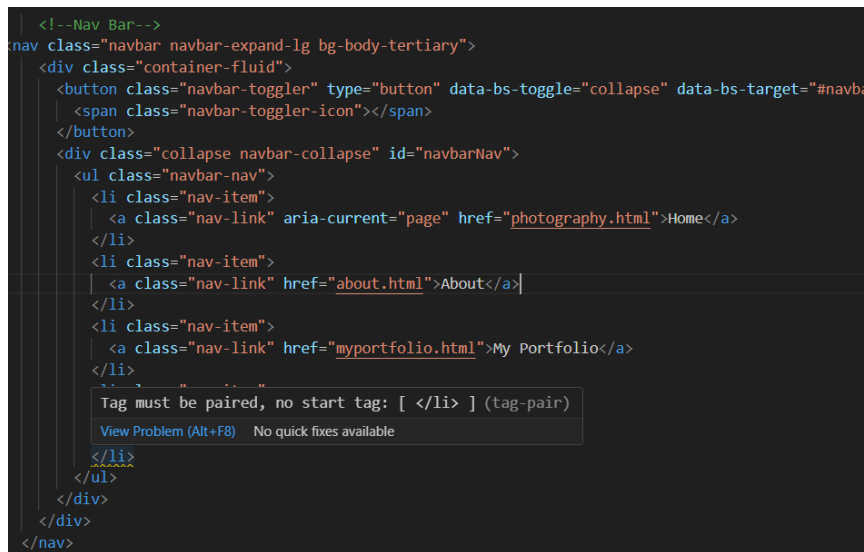| Input	Processing	Output
User clicks on ''Home'' link	Home page is being loaded	Home page is shown
User clicks on ''About'' link	About page is being loaded	About page is shown
User clicks on ''My Portfolio'' link	My Portfolio is being loaded	My Portfolio page is shown
User clicks on ''Contact'' link	Contact is being loaded	Contact page is shown
User scrolls down to navigate the Footer for information	User clicks Social Media icons	The Social Media selected is shown
User clicks on images that displays the portfolio	Image is loaded	Gallery of the selected portfolio is shown
User clicks on one of the images	Image is loaded	Selected image is shown in a modal
User clicks on arrow to see the next image	Image is loaded	The next image is shown
User clicks on previous arrow to go back to the previous image	Image is loaded	Previous image is shown
User clicks on empty ''First Name'' field	First Name is detected	User enters First Name
User clicks on empty ''Last Name'' field	Last Name is detected	User enters Last Name
User clicks on empty ''Email Address''	Email Address is detected	When the users enters Email Address ''@gmail.com'' should be included
User clicks on ''Mobile Number''	Mobile Number is detected	When the users enters Mobile Number it should only allow numeric inputs
User clicks on ''Message''	Message is detected	User enters a Message
User clicks on ''Cancel''	Cancel is detected and erases the filled out information	Contact is empty
User clicks on ''Submit''	Submit is detected	An alert is shown that your submission was successful
Test layout for iPhone 14 pro max for the about page	Screen is loaded	It shows image on top description then shows the footer items one on top of each other
Test layout for iPhone 14 pro max for my portfolio page	Screen is loaded	The galleries are one on top of each other and there is no horizontal scroll bar. The footer items one on top of each other

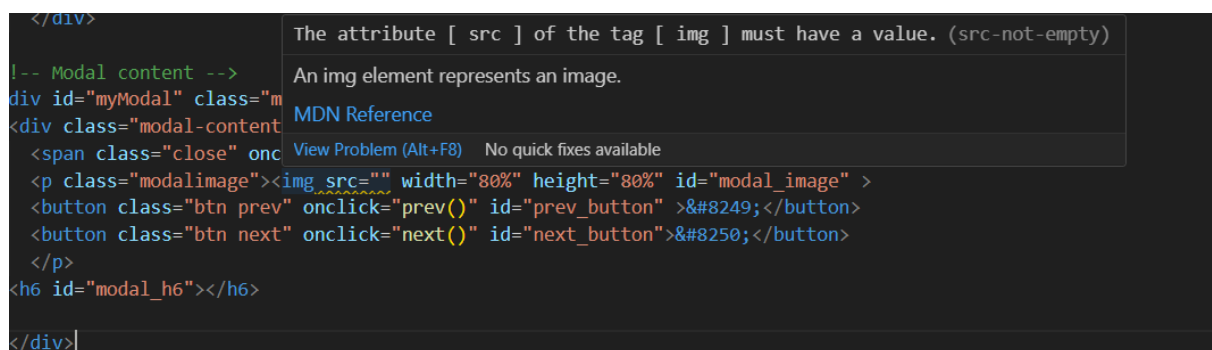| Input	Processing	Output
Test layout for iPhone 14 pro max for the landscape page	Screen is loaded	The images are one on top of each other and there is no horizontal scroll bar. The footer items one on top of each other
Test layout for iPhone 14 pro max for the flower page	Screen is loaded	The images are one on top of each other and there is no horizontal scroll bar. The footer items one on top of each other
Test layout for iPhone 14 pro max for the pets page	Screen is loaded	The images are one on top of each other and there is no horizontal scroll bar. The footer items one on top of each other
Test layout for iPhone 14 pro max for the bee page	Screen is loaded	The images are one on top of each other and there is no horizontal scroll bar. The footer items one on top of each other

Test Cases

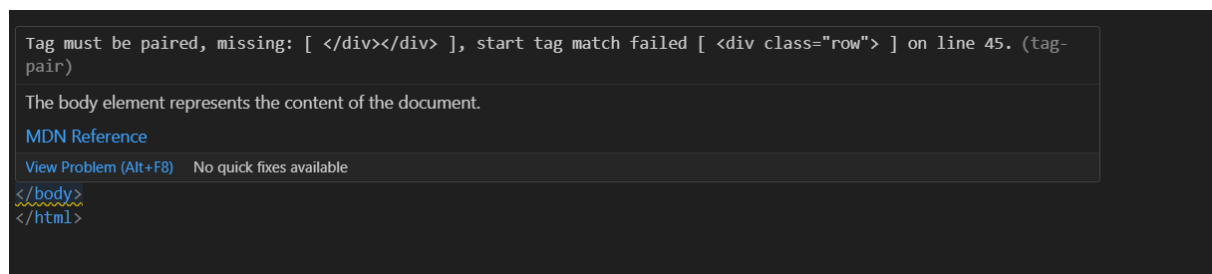| Test	Expected Output	Actual Output	Pass/Fail	Comments
User clicks on navigation bar such as ''Home, About, My Portfolio and Contact''	It directs them to that page	It directs them to that page	Pass	
User clicks on image from the portfolio	Image is shown in a modal in the middle	Image is shown in the side	Fail	Check CSS for styling
User clicks on arrows from the opened modal	Next image is shown	Next image is shown	Pass	
User clicks on submit button from contact page	An alert would be shown that says ''Thank you for your submission''	No alert was shown	Fail	Check JavaScript and Html for issue
User goes to about page	About page is shown	Image is bigger that the text	Fail	Check CSS for styling
User clicks on flower, bee and pets page	No caption shown	The alt text is shown	Fail	Created new JavaScript function for the landscape page and fixed the JavaScrpit function for flower, bee and pets
Responsive layout for mobile in the portfolio and gallery page	Image is responsive	Image is responsive	Pass	
Responsive layout for about page	Image is shown on top, and text is below	Image isn't styled correctly	Fail	Replaced the CSS with bootstrap
Landscape HTML page should show a caption identical to the text shown in the HTML code	Caption of image is shown with the appropriate text	Landscape HTML and JS caption was showing the same text	Fail	Check JS for issue. Added a new prev and next function ''prevlandscape and nextlandscape''
Contact HTML removed the JS alert to use bootstrap alert message	JS alert replace with bootstrap alert message.	JS alert replace with bootstrap alert message.	Pass	

Code Validation

I have used Visual Studio Code extension Html Hint to validate my code.

Shown in this image, the tag in the Nav Bar didn't have a closing tag, so I have deleted it. I did the same for all the pages.

Shown in this image, the <img src=""> tag in the Modal Content is missing a value. Instead of deleting it, I have added a 1x1 pixel image. I did the same for all the pages.

Shown in this image, there was a missing <div> tag on line 45. I have checked this and added the tag it correct line. I did the same for all the pages.

```
L16
117    Tag must be paired, no start tag: [ </div> ] (tag-pair)
118    View Problem (Alt+F8)   No quick fixes available
119    </div>
120
```

Shown in this image, there was a missing <div> tag that needed to be paired. I did the same for all the pages.

Validation using Lighthouse Chrome extension when the site was published on GitHub Pages. Lighthouse suggested some mistakes that had to be fixed and suggested some improvement to accessibility.