

Documenting your code:

I used validator.w3.org to check the website I created. Every website has its own bugs, some of the codes I had to verify whether its good or not, most of the codes have a minor code such as not closing the elements, extra codes which where unnecessary to include, bad values of numbers {examples shown below} ->errors, unclosed elements, end tag etc.

Info Trailing slash on void elements [has no effect](#) and [interacts badly with unquoted attribute values](#).

From line 5, column 9; to line 5, column 79

>< <meta name="viewport" content="width=device-width, initial-scale=1.0"/><

Error Element `style` not allowed as child of element `div` in this context. (Suppressing further errors from this subtree.)

From line 51, column 5; to line 51, column 11

<orm"><style><

Contexts in which element `style` may be used:

Where [metadata content](#) is expected.

In a [noscript](#) element that is a child of a [head](#) element.

Content model for element `div`:

If the element is a child of a [dl](#) element: one or more [dt](#) elements followed by one or more [dd](#) elements, optionally intermixed with [script-supporting elements](#).

If the element is not a child of a [dl](#) element: [flow content](#).

Error Bad value 29.5% for attribute `width` on element `img`: Expected a digit but saw . Instead.

From line 93, column 5; to line 93, column 83

div>
<

Error An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).

From line 93, column 5; to line 93, column 83

div>
<

Error End tag for `body` seen, but there were unclosed elements.

From line 98, column 1; to line 98, column 7

</script></body></html>

Error Unclosed element `div`.

From line 50, column 3; to line 50, column 28

</nav><div class="details-form"><

The majority of the errors are mostly the same, some include images, some includes elements, bad value of numbers etc. Tried to fix the issues but couldn't exactly find the appropriate number value. Over all, the website looks decent enough to function, have the appropriate information, can click easily, readably accessibility, well-designed structure etc.

3. Discuss current issues in your website and what can be done to remedy them, as well as further improvements that can be implemented in the future.

The main current issue I have is mostly the **Search box and button functioning**: they don't work as I wanted, although the search input field and button are visible and styled correctly (using HTML and CSS), clicking the button does not trigger any action. This is because I haven't yet implemented the logic needed to capture the user's input and perform a search. In a fully functional website, this would require a Javascript to handle the click event, retrieve the input value and then either filter the content on the page, or send the input to a server or database to return matching results.

Currently, I am still learning how to use JavaScript to create a dynamic interactions like search functionality. I also haven't connected the form to any backend or search algorithm, so the button doesn't do anything after being clicked.

What can be fixed:

- Learn and also add basics of JavaScript that listens for the button click, reads the input, and performs a dummy search or displays a message.
- Later, connect the search form to a real search system or database.
- Optionally, implement a live filter that searches page content dynamically without reloading.

2. Contact Us form submission lacks:

Another issue I found is with the **contact form submission** process. The form allows users to enter their name, surname, email and message, but once you click on the "submit" button, nothing visible happens. There is no confirmation message

displayed to the user, no email or notification is sent to confirm the form was received. This may confuse users, as they are not sure if their message was successfully sent. This is because the form currently does not have any form handling script or backend integration to process the submitted data. In a full-featured website, a form submission would need at least:

- Trigger a server-side script that sends an email or
- Use of third party service like EmailJS, Google forms etc.

What can be Fixed:

- Integrate a third-party service like Formspree to handle the form submissions easily without setting up a custom backend.
- Add Javascript to display a confirmation message such as "Your submission has been received".
- In the future, I would like to fully implement email notifications to both user (as a receipt) and the site owner.
- In the future, I would like to fully implement **email notifications** to both the user (as a receipt) and the site owner (for follow-up).

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