

Modern web standards

HTML5 is the latest standard for web development and with CSS3 also being introduced as the latest form of style sheet to be used with it, HTML5 came with new tags that were created to allow the users using the language to take away using elements like div. HTML5 has proven to be a lot more efficient by using client side local storage instead of having to cache and video players than what HTML4 could do, JavaScript greatly improved for geolocation this is because all of the elements used for canvassing improved. The World Wide Web consortium provide information on all web standards, they also impose that all image elements now require alt elements which look like this alt="" this is for users with a slower than normal connection to the internet this is normally applied to users that live in areas with poor internet connections. HTML5 will find almost all errors hidden in your webpage and will show you or direct in the direction to solve them, you can also have errors discovered by validating them using a site called <https://validator.w3.org/>. HTML5 proved that older websites had multiple errors in them by running the HTML4 code through HTML5 and majority of the elements have errored or been proven to be far too unstable to still be in use. Due to the way HTML5 works everything has been proven to be practically useless in the older models and that it is now the most ideal for web development.

Applying these standards to my website

Whilst building my website in the app Dreamweaver I used many of the HTML5 latest features to produce everything besides my CSS and JS, this was proven to be much efficient than previous web building because in just a single HTML file I used at least 6 different new elements. This includes, article, section, header and footer elements too, I was also able to use JS in creating a customer form sheet for feedback or question which served as local storage. I decided that the best way to validate my website was by using the <https://validator.w3.org/> validation site to make sure there aren't any more errors that either HTML5 or Dreamweaver couldn't pick up.

Validating my site through W3C

On the home page (index) I had 3 errors however they are there because the without the JQuery the design for my website would not work, If I change the code to get rid of the errors then the JQuery will end up not working meaning my site will actually downgrade instead of improving.

file:///C:/Users/C...01/ROO1/index.html W3c Online Clean up...			
Type	Line	Column	HTML errors and warnings
Info	0	0	3 errors / 7 warnings
Warning 6	1		Warning: <meta> dropping value "IE=edge" for repeated attribute "
Error	71	17	Error: <content> is not recognized!
Warning 71	17		Warning: discarding unexpected <content>
Warning 73	17		Warning: discarding unexpected </content>
Error	79	17	Error: <content> is not recognized!
Warning 79	17		Warning: discarding unexpected <content>
Warning 81	17		Warning: discarding unexpected </content>
Error	87	17	Error: <content> is not recognized!
Warning 87	17		Warning: discarding unexpected <content>
Warning 89	17		Warning: discarding unexpected </content>

On my Merch page I had 8 warnings however they do not affect the site at all, most of the errors are about the HTML code already being defined. Because of this I will not have to do any editing to the code to improve the website

Type	Line	Column	HTML errors and warnings
Info	0	0	0 errors / 8 warnings
Warning 5	1		Warning: <meta> dropping value "IE=edge" for repeated attribute "
Warning 189	5		Warning: anchor "tshirt" already defined
Warning 190	5		Warning: anchor "hoodie" already defined
Warning 191	5		Warning: anchor "hat" already defined
Warning 34	7		Warning: trimming empty
Warning 34	20		Warning: trimming empty
Warning 34	33		Warning: trimming empty
Warning 34	3		Warning: trimming empty <h1>

My about page had no error on it what so ever meaning that the page does not need any improving or editing.

type	Line	Column	HTML errors and warnings
Info	0	0	0 errors / 0 warnings

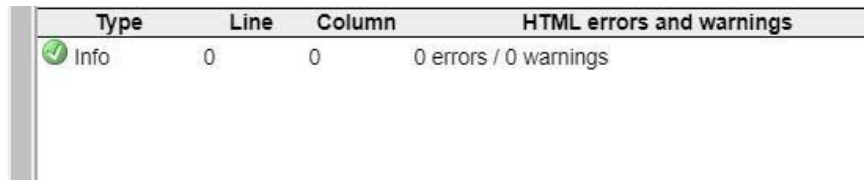
My Report page also had no errors or warnings meaning the page will run fine and does not need any editing



A screenshot of an HTML validator window. The title bar shows 'Security', 'Audits', 'HTML validator', and 'AdBlock'. The address bar shows 'file:///C:/Users/C.../T/ROOT/report.html'. The main content area displays a table with the following data:

Type	Line	Column	HTML errors and warnings
Info	0	0	0 errors / 0 warnings

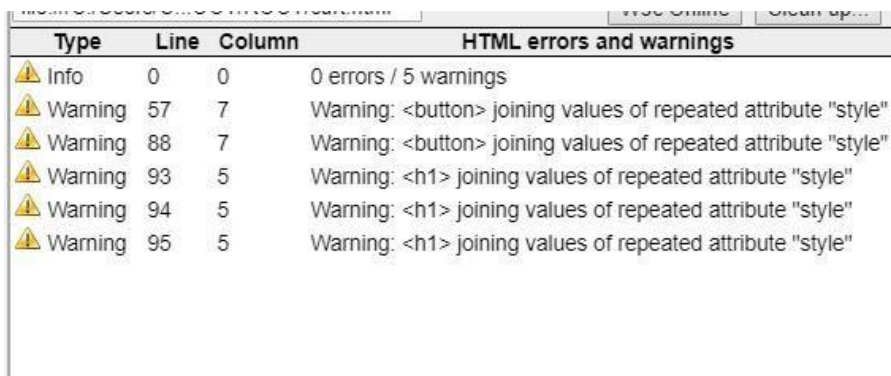
My Contact page has no errors on it either meaning that there is no need to edit the page.



A screenshot of an HTML validator window. The title bar shows 'Security', 'Audits', 'HTML validator', and 'AdBlock'. The address bar shows 'file:///C:/Users/C.../T/ROOT/contact.html'. The main content area displays a table with the following data:

Type	Line	Column	HTML errors and warnings
Info	0	0	0 errors / 0 warnings

My cart page has a few warning on it however they don't affect the site at all so there is no need to change and or edit them.



A screenshot of an HTML validator window. The title bar shows 'Security', 'Audits', 'HTML validator', and 'AdBlock'. The address bar shows 'file:///C:/Users/C.../T/ROOT/cart.html'. The main content area displays a table with the following data:

Type	Line	Column	HTML errors and warnings
Info	0	0	0 errors / 5 warnings
Warning	57	7	Warning: <button> joining values of repeated attribute "style"
Warning	88	7	Warning: <button> joining values of repeated attribute "style"
Warning	93	5	Warning: <h1> joining values of repeated attribute "style"
Warning	94	5	Warning: <h1> joining values of repeated attribute "style"
Warning	95	5	Warning: <h1> joining values of repeated attribute "style"