**Testing and validating the website**

Testing approach for finished website:

1. Testing checklist-

* Functionality tests (ensure all links work across all web pages)✓
* Compatibility tests (ensure the website works across a range of browsers (for these tests, check with Chrome, Safari, and Edge), Operating Systems (test Windows 11 and Android version 9 operating systems), and devices (Android mobile phone and ASUS computer)
* Usability tests (ensure it is easy to use and that the correct content is displayed, use two people for feedback)✓
* Interface tests (not necessary, as website is simple and doesn’t use enough interfaces)
* Security tests (not necessary, logins and online transactions aren’t used)
* Performance/load tests (only small scale tests will be used, as huge amounts of website traffic are very unlikely)

1. Test cases-

* Type in home page’s link to url and check to ensure it sends you to the home page. Test this across the browsers, operating systems and devices listed in “Compatibility tests”
* Check that all links of all web pages send you to their correct corresponding web page across the browsers, operating systems and devices listed in “Compatibility tests”
* Ensure all correct content is displayed across the browsers, operating systems and devices listed in “Compatibility tests”
* Get feedback from two users about the usability of the site and any suggestions for improvement they make
* Ensure that five devices can view the website simultaneously without major issues
* Validate all relevant CSS and HTML documents to ensure there are no errors

Feedback: (underlined answers are for the first feedback participant, answers which are italicized are for the second feedback participant)

Functionality (do all links work)- Yes, all the links on the website work. *The links work well*.

Style (does it fit within the prescribed styles and any improvements for the appearance)-Yep, looks good, no suggestions. *The appearance is acceptable, I have no suggestions for improvements.*

Usability (is it easy to use, and does the content appear to be correctly displayed)-Yes, it is easy to use and the content seems to be correctly displayed. *The website is very easy to use with the navigation bar being functional and placed in a good position. The content looks to be in its right places.*

Extra suggestions-None. *I have no suggestions.*

Explanation of results:

All links throughout all webpages were tested and found to link to their correct corresponding webpage or document on devices and operating systems listed in ‘Compatibility tests’, meaning the functionality tests were completed in the testing checklist and the website passed the second test case. The website worked across Chrome and Edge correctly (as shown through screenshots in the Screenshots folder), as well as Safari both on Windows 11 and Android version 9 devices (Android- mobile phone, Windows- ASUS computer), meaning the website passed the compatibility test and the third test case. Since the home page’s URL was used to go to the website across these devices, operating systems, and browsers, this also means the first test case was completed. Feedback provided by the two participants has shown that the website is easy to use and is displayed correctly, meaning the website passed the usability tests and the feedback test case. Interface tests and security tests weren’t necessary, and the website could handle small amounts of traffic (tested 5 website visitors at a time, as it is unlikely to be having more than 5 concurrent viewers at the same time.) meaning the website passed the performance/load test and the fifth test case. All relevant CSS and HTML documents were validated (proof is also in the Screenshots folder), meaning the last test case was completed successfully. As can be seen from this, the testing approach was completed and the website worked as intended.