

Project Testing

The following describes the tests conducted on the project website following Structure Plane development to ensure website operability. These are broken down into tests conducted on the header; those on the footer; and those conducted on the specific content of each page. Initially, these tests were conducted following initial Structure Plane development on the following web browsers:

- Internet Explorer 11
- Google Chrome
- Mozilla Firefox
- Safari

Additionally, these tests were also conducted once deployment of the site had been achieved on all the web browsers listed above.

Header Testing

Test 1 (HT-1)	
Test	Navigation bar responsive design
Scope	All HTML pages
Success Criteria	Full navigation bar visibility on screens with resolutions of 992px and higher; navigation icon displayed on screens with resolutions of 991px and smaller.
Result	Passed with no issues

Test 2 (HT-2)	
Test	Collapsing and expanding navigation bar upon click on screens with resolution less than 992px
Scope	All HTML pages
Success Criteria	Navigation icons displayed and hidden upon successive clicks
Result	Passed with no issues

<i>Test 3 (HT-3)</i>	
<i>Test</i>	Navigation icons link
<i>Scope</i>	All HTML pages, independent of screen resolution
<i>Success Criteria</i>	Navigation icons link to correct website page upon click
<i>Result</i>	Passed with no issues

<i>Test 4 (HT-4)</i>	
<i>Test</i>	Navigation icons and text grow upon hover
<i>Scope</i>	All HTML pages on screens with resolutions of 992px and higher
<i>Success Criteria</i>	Navigation icons and text grow upon hover
<i>Result</i>	Passed with no issues

Footer Testing

<i>Test 5 (FT-1)</i>	
<i>Test</i>	Footer alert text link
<i>Scope</i>	All HTML pages
<i>Success Criteria</i>	Footer alert links to correct website page upon click
<i>Result</i>	Passed with no issues

<i>Test 6 (FT-2)</i>	
<i>Test</i>	Social media icon links
<i>Scope</i>	All HTML pages with resolutions of 992px and higher
<i>Success Criteria</i>	Social media icons link to correct website page upon click
<i>Result</i>	Passed with no issues

Test 7 (FT-3)	
Test	Social media icon hover
Scope	All HTML pages with resolutions of 992px and higher
Success Criteria	Social media icons grow on hover
Result	Passed with no issues

Test 8 (FT-4)	
Test	Social media icons hidden on screen resolutions less than 992px
Scope	All HTML pages
Success Criteria	Social media icons hidden below 992px and visible on resolutions of 992px and above
Result	Passed with no issues

Index.html Testing

Test 9 (IT-1)	
Test	Title animation functioning
Scope	index.html page, all screen resolutions
Success Criteria	Title and subtitle vary in opacity from 0 to 1, infinitely
Result	Passed with no issues

Listen.html Testing

Test 10 (LT-1)	
Test	Audio controls operational
Scope	listen.html page, all screen resolutions
Success Criteria	Play, pause, volume controls operational
Result	Passed with no issues

Test 11 (LT-2)	
Test	Audio clip is operational
Scope	listen.html page, all screen resolutions
Success Criteria	Audio clips play upon command
Result	Passed with no issues

Test 12 (LT-3)	
Test	Bootstrap grid system
Scope	listen.html page, all screen resolutions
Success Criteria	Bootstrap grid system works correctly and displays images and audio control in correct configuration
Result	Passed with no issues

Watch.html Testing

Test 13 (WT-1)	
Test	Video clip is operational
Scope	watch.html page, all screen resolutions
Success Criteria	Video clip plays upon command
Result	Passed with no issues

Test 14 (WT-2)	
Test	Bootstrap grid system
Scope	watch.html page, all screen resolutions
Success Criteria	Bootstrap grid system works correctly and displays videos in correct configuration
Result	Passed with no issues

Bio.html Testing

Test 15 (BT-1)	
Test	Bootstrap grid system
Scope	bio.html page, all screen resolutions
Success Criteria	Bootstrap grid system works correctly and displays text and images in correct configuration
Result	Passed with no issues

Hire.html Testing

Test 16 (HT-1)	
Test	Bootstrap grid system
Scope	hire.html page, all screen resolutions
Success Criteria	Bootstrap grid system works correctly and displays text, form and images in correct configuration
Result	Passed with no issues

Test 17 (HT-2)	
Test	Form inputs
Scope	hire.html page, all screen resolutions
Success Criteria	Data can be correctly input into form fields
Result	Passed with no issues

Test 18 (HT-3)	
Test	Form inputs clear
Scope	hire.html page, all screen resolutions
Success Criteria	Data cleared and autofill non-functional in input fields
Result	Passed with no issues

<i>Test 19 (HT-4)</i>	
<i>Test</i>	Submit button user feedback
<i>Scope</i>	hire.html page, all screen resolutions
<i>Success Criteria</i>	Button changes colour and text upon click
<i>Result</i>	Passed with no issues

Test Summary

The test results obtained for both the initial deployment on Cloud9 and the deployment of the site using GitHub are shown in the following table:

<i>Test</i>	<i>Cloud9</i>	<i>Git Hub</i>
1	Pass	Pass
2	Pass	Pass
3	Pass	Pass
4	Pass	Pass
5	Pass	Pass
6	Pass	Pass
7	Pass	Pass
8	Pass	Pass
9	Pass	Pass
10	Pass	Pass
11	Pass	Pass
12	Pass	Pass
13	Pass	Pass
14	Pass	Pass
15	Pass	Pass
16	Pass	Pass
17	Pass	Pass
18	Pass	Pass
19	Pass	Pass