

Personal Site - Validation Test/ Usability Test

A. Validation Test:

1. CSS Validation for index, aboutMe and contact page:

One error is showed here:

W3C CSS Validator results for <http://csisweb.palomar.edu/~Ngu28085/index.html> (CSS level 3 + SVG)

Sorry! We found the following errors (1)

URI : <http://csisweb.palomar.edu/~Ngu28085/homepage2.css>

141	#wrapper	Value Error : padding only <code>0</code> can be a <code>unit</code> . You must put a unit after your number : <code>0.5</code>
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****After fixing:

W3C CSS Validator results for <http://csisweb.palomar.edu/~Ngu28085/index.html> (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

2. HTML Validation CSS Validation for index, aboutMe and contact page:

Errors are showed here on index page, no error for aboutMe and contact page.

- Error** The `border` attribute on the `table` element is obsolete. [Use CSS instead.](#)
From line 25, column 1; to line 25, column 18
`<table border="1"><tr>`
- Error** Stray end tag `strong`.
From line 49, column 17; to line 49, column 25
`>Chapter 5</th>`
- Error** Bad value `Ch5_ Design Evaluation.pdf` for attribute `href` on element `a`: Illegal character in path segment: space is not allowed.
From line 50, column 8; to line 50, column 44
`Web De`

***After fixing:

Showing results for index.html

Checker Input

Show ☐ source ☐ outline ☐ image report

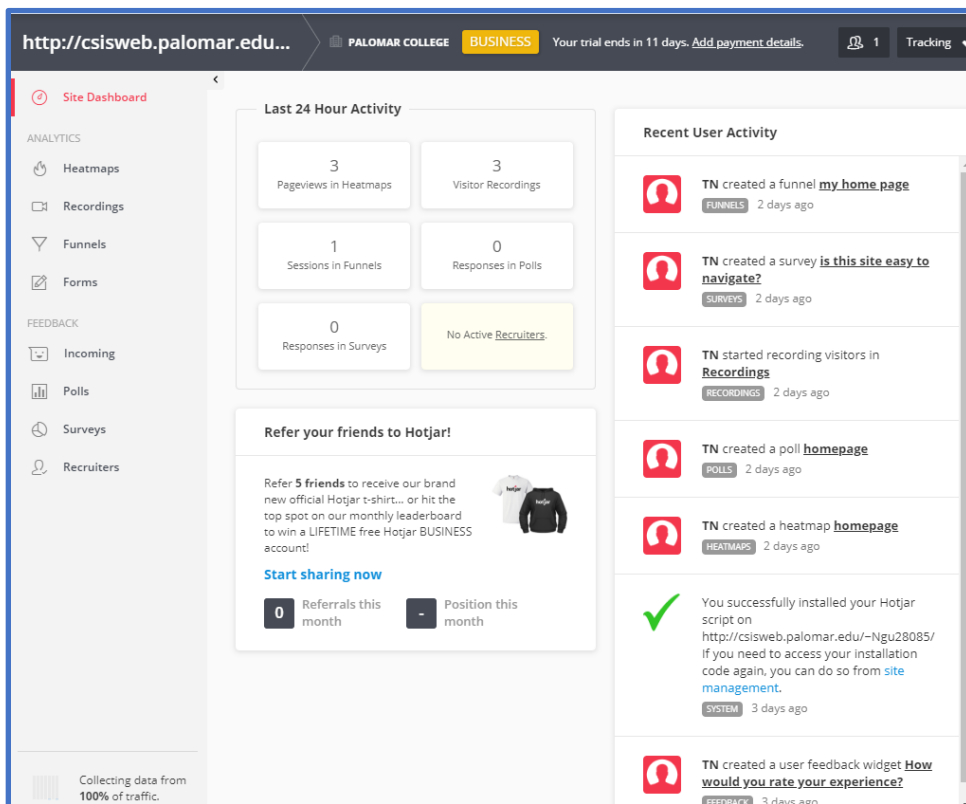
Check by file upload ▾ No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

B. Usability Test:

I have used tool on <https://www.hotjar.com/> to test my home page usability.
Below are data I have got from hot jar so far for the free trial:

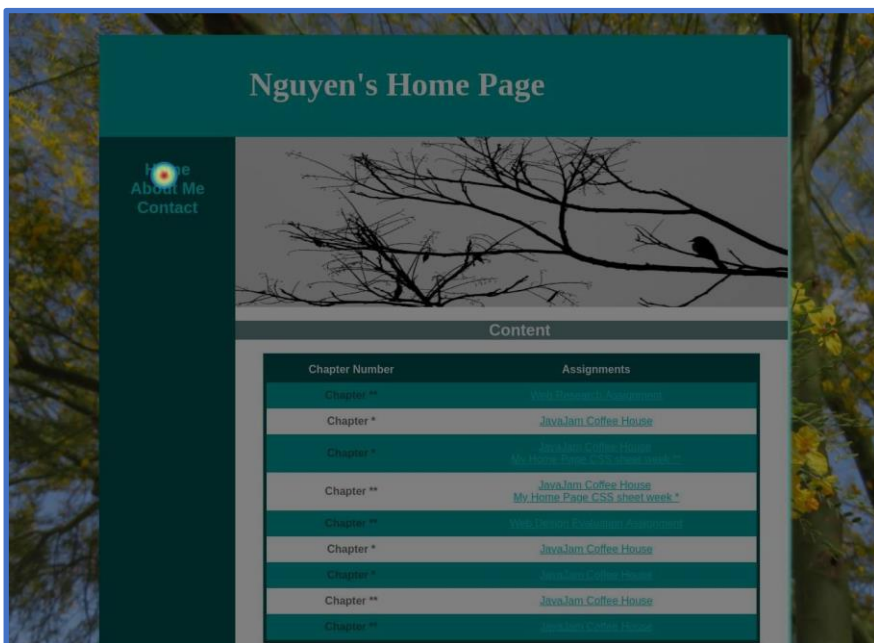


Data View on Heatmaps:

1. Heatmap Scroll Desktop:

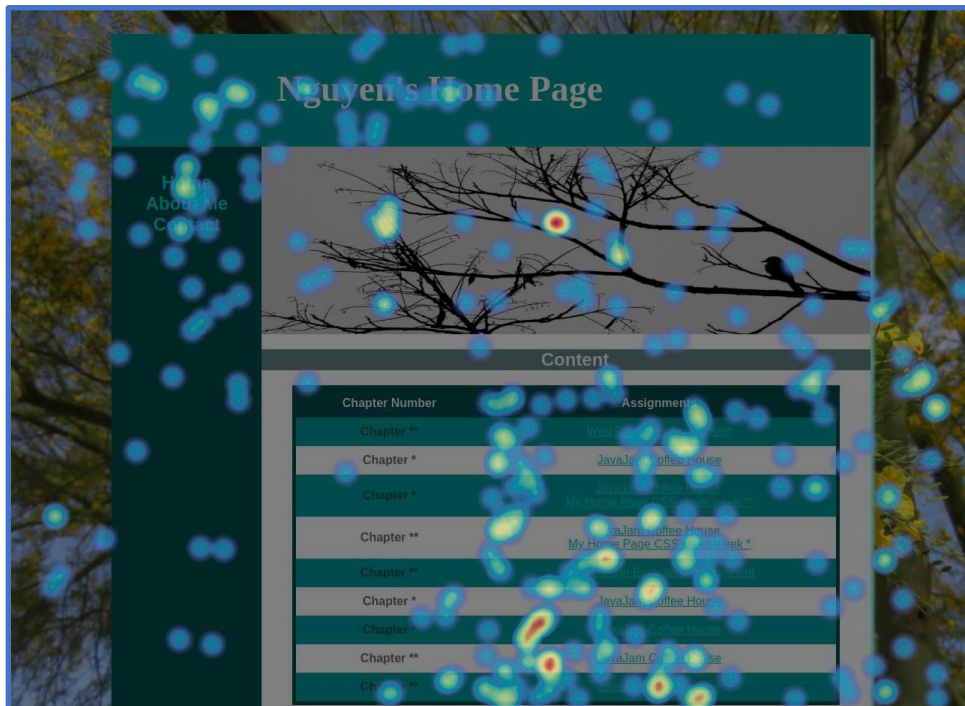
Page Scroll (%)	Page Scroll (px)	Percentage of visitors	Number of visitors
5	46	100	3
10	93	100	3
15	139	100	3
20	186	100	3
25	232	100	3
30	279	100	3
35	325	100	3
40	372	100	3
45	418	100	3
50	465	100	3
55	511	100	3
60	558	100	3
65	604	100	3
70	651	100	3
75	697	100	3
80	744	100	3
85	790	100	3
90	837	100	3
95	883	100	3
100	930	66.7	2

2. Heatmap Click Desktop:



Element CSS selector	Total # of clicks	Visible	% of total
#_hj-f5b2a1eb-9b07_feedback_open_close_phone	2	No	16.67%
div#_hj-f5b2a1eb-9b07_feedback_minimized>div._hj-f5b2a1eb-9b07_feedback_minimized_label	2	No	16.67%
div#_hj-f5b2a1eb-9b07_feedback_minimized>div._hj-f5b2a1eb-9b07_feedback_minimized_label>div._hj-f5b2a1eb-9b07_feedback_minimized_label_text	1	No	8.33%
div#wrapper>nav>ul>li>a	1	Yes	8.33%
#_hj-f5b2a1eb-9b07_email	1	No	8.33%
html>body	1	Yes	8.33%
#_hj-f5b2a1eb-9b07_action_skip	1	No	8.33%
#_hj-f5b2a1eb-9b07_action_submit	1	No	8.33%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_consent_actions>button._hj-f5b2a1eb-9b07_btn_primary._hj-f5b2a1eb-9b07_rounded_corners>i._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon-ok	1	No	8.33%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon_emotion_default>span.path2 (3)	1	No	8.33%

3. Heatmap Movement Desktop:



Element CSS selector	Total # of interaction points	Visible	% of total
html>body	232	Yes	25.27%
#natural1	59	Yes	6.43%
div#wrapper>main	43	Yes	4.68%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content>p._hj-f5b2a1eb-9b07_consent_message_text	39	No	4.25%
html	39	No	4.25%
div#wrapper>header>h1	33	Yes	3.59%
div#_hj-f5b2a1eb-9b07_state-3>p._hj-f5b2a1eb-9b07_widget_title	28	No	3.05%
div#wrapper>footer	24	Yes	2.61%
div#_hj-f5b2a1eb-9b07_state-1>p._hj-f5b2a1eb-9b07_widget_title	22	No	2.40%
div#wrapper>main>table>tbody>tr>td (4)	19	Yes	2.07%
div#wrapper>main>table>tbody>tr>td (8)	19	Yes	2.07%
#_hj-f5b2a1eb-9b07_feedback_open	15	No	1.63%
div#wrapper>main>table>tbody>tr>td (6)	15	Yes	1.63%
div#wrapper>main>table>tbody>tr>th (1)	14	Yes	1.53%
div#wrapper>main>table>tbody>tr>th (10)	13	Yes	1.42%
div#wrapper>main>table>tbody>tr>td (2)	12	Yes	1.31%
div#wrapper>main>table>tbody>tr>td (7)	12	Yes	1.31%
#_hj-f5b2a1eb-9b07_email	12	No	1.31%
div#_hj-f5b2a1eb-9b07_feedback_minimized>div._hj-f5b2a1eb-9b07_feedback_minimized_label	12	No	1.31%
div#wrapper>main>table>tbody>tr>td (3)	10	Yes	1.09%
div#wrapper>main>table	10	Yes	1.09%
div#wrapper>main>table>tbody>tr>td (5)	10	Yes	1.09%
div#_hj-f5b2a1eb-9b07_feedback_minimized>div._hj-f5b2a1eb-9b07_feedback_minimized_label>div._hj-f5b2a1eb-9b07_feedback_minimized_label_text	9	No	0.98%
div#wrapper>main>h2	8	Yes	0.87%
div#wrapper>main>table>tbody>tr>th (9)	8	Yes	0.87%
div#_hj-f5b2a1eb-9b07_state-2>p._hj-f5b2a1eb-9b07_widget_title	8	No	0.87%
#_hj-f5b2a1eb-9b07_action_submit	8	No	0.87%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_consent_actions	8	No	0.87%
div#wrapper>main>table>tbody>tr>td (1)	8	Yes	0.87%
#_hj-f5b2a1eb-9b07_state-1	7	No	0.76%
div#wrapper>header	7	Yes	0.76%
div#wrapper>main>table>tbody>tr>th (7)	7	Yes	0.76%
div#_hj-f5b2a1eb-9b07_feedback_open>div._hj-f5b2a1eb-9b07_widget_footer	7	No	0.76%
div#wrapper>main>table>tbody>tr>td>a (10)	7	Yes	0.76%
div#wrapper>main>table>tbody>tr>td	7	Yes	0.76%
#wrapper	6	Yes	0.65%

div#wrapper>main>table>tbody>tr>th (3)	6	Yes	0.65%
#_hj-f5b2a1eb-9b07_feedback_open_close_phone	6	No	0.65%
div#_hj-f5b2a1eb-9b07_poll>p._hj-f5b2a1eb-9b07_widget_title._hj-f5b2a1eb-9b07_action_open_widget	6	No	0.65%
a#_hj-f5b2a1eb-9b07_feedback_open_close_phone>span._hj-f5b2a1eb-9b07_link_no_underline._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon-x	6	No	0.65%
div#wrapper>main>table>tbody>tr>th (2)	5	Yes	0.54%
div#_hj-f5b2a1eb-9b07_state-2>div._hj-f5b2a1eb-9b07_widget_content	5	No	0.54%
div#_hj-f5b2a1eb-9b07_poll>a._hj-f5b2a1eb-9b07_widget_open_close._hj-f5b2a1eb-9b07_action_toggle_widget	4	No	0.44%
#_hj-f5b2a1eb-9b07_action_skip	4	No	0.44%
div#wrapper>main>table>tbody>tr>th (4)	4	Yes	0.44%
div#wrapper>nav>ul>li>a	4	Yes	0.44%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon_emotion_default>span.path2 (3)	4	No	0.44%
div#wrapper>main>table>tbody>tr>td>a (9)	4	Yes	0.44%
div#wrapper>main>table>tbody>tr>td>a (4)	4	Yes	0.44%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon_emotion_default>span.path2 (2)	4	No	0.44%
div#wrapper>main>table>tbody>tr>td>a	3	Yes	0.33%
div#wrapper>nav>ul>li>a (2)	3	Yes	0.33%
div#_hj-f5b2a1eb-9b07_poll>div._hj-f5b2a1eb-9b07_widget_state._hj-f5b2a1eb-9b07_widget_state_open>div._hj-f5b2a1eb-9b07_widget_footer>div._hj-f5b2a1eb-9b07_pull_right	3	No	0.33%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_consent_actions>button._hj-f5b2a1eb-9b07_btn_primary._hj-f5b2a1eb-9b07_rounded_corners>i._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon-ok	3	No	0.33%
div#wrapper>main>table>tbody>tr>th (5)	3	Yes	0.33%
div#wrapper>nav	3	Yes	0.33%
div#wrapper>main>table>tbody>tr>td>a (5)	3	Yes	0.33%
div#wrapper>main>table>tbody>tr>th	3	Yes	0.33%
div#wrapper>main>table>tbody>tr>td>a (1)	2	Yes	0.22%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon_emotion_default>span.path2 (4)	2	No	0.22%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-	2	No	0.22%

9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon_emotion_default>span.path1 (4)			
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade (4)	2	No	0.22%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_emotion_text._hj-f5b2a1eb-9b07_transition (2)	2	No	0.22%
#_hj-f5b2a1eb-9b07_feedback	2	No	0.22%
div#wrapper>main>table>tbody>tr>th (8)	2	Yes	0.22%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content>p._hj-f5b2a1eb-9b07_consent_message_text>a._hj-f5b2a1eb-9b07_more_info_link	1	No	0.11%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade>span._hj-f5b2a1eb-9b07_icon._hj-f5b2a1eb-9b07_icon_emotion_default>span.path2 (1)	1	No	0.11%
div#wrapper>main>table>tbody>tr>td>a (2)	1	Yes	0.11%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content	1	No	0.11%
div#wrapper>nav>ul>li>a (1)	1	Yes	0.11%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_content._hj-f5b2a1eb-9b07_emotion_type_default>div._hj-f5b2a1eb-9b07_emotion_option.fade (3)	1	No	0.11%
div#wrapper>nav>ul>li (2)	1	Yes	0.11%
div#wrapper>main>table>tbody>tr>td>a (8)	1	Yes	0.11%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content	1	No	0.11%
div#wrapper>nav>ul>li	1	Yes	0.11%
div#wrapper>main>table>tbody>tr>td>a (7)	1	Yes	0.11%
#_hj-f5b2a1eb-9b07_question_text_0	1	No	0.11%
div#_hj-f5b2a1eb-9b07_poll>div._hj-f5b2a1eb-9b07_widget_state._hj-f5b2a1eb-9b07_widget_state_open>div._hj-f5b2a1eb-9b07_widget_footer>div._hj-f5b2a1eb-9b07_pull_left>a	1	No	0.11%
div#_hj-f5b2a1eb-9b07_state-3>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_consent_actions>button._hj-f5b2a1eb-9b07_btn_primary._hj-f5b2a1eb-9b07_rounded_corners (1)	1	No	0.11%
div#_hj-f5b2a1eb-9b07_state-1>div._hj-f5b2a1eb-9b07_widget_content>div._hj-f5b2a1eb-9b07_emotion_comment_holder>div._hj-f5b2a1eb-9b07_toolset_actions	1	No	0.11%
div#_hj-f5b2a1eb-9b07_poll>div._hj-f5b2a1eb-9b07_widget_state._hj-f5b2a1eb-9b07_widget_state_open>div._hj-f5b2a1eb-9b07_widget_footer>div._hj-f5b2a1eb-9b07_pull_left	1	No	0.11%
div#wrapper>main>table>tbody>tr>td>a (6)	1	Yes	0.11%

In addition, I also installed tracking code for survey and feedback as below to get feedback from visitors:

The top screenshot shows the website's home page with a teal header and a sidebar with links: Home, About Me, and Contact. The main content area features a 'Content' table with the following data:

Chapter Number	Assignments
Chapter 1	Web Research Assignment
Chapter 2	Javascript Coffee House
Chapter 3	Javascript Coffee House My Home Page CSS sheet week 3
Chapter 4	Javascript Coffee House My Home Page CSS sheet week 4
Chapter 5	Web Hosting Evaluation Assignment
Chapter 6	Javascript Coffee House
Chapter 7	Javascript Coffee House
Chapter 8	Javascript Coffee House
Chapter 9	Javascript Coffee House

A survey pop-up asks: 'How would you rate your experience?' with five smiley face options. A feedback form below asks: 'Quick question: How can we improve this page? Is anything missing?' with a text input field.

The middle screenshot shows the same page with the feedback form open, displaying the text: 'Quick question: How can we improve this page? Is anything missing?' and a text input field.

The bottom screenshot shows the 'Incoming Feedback' dashboard in a web browser. The dashboard displays two feedback entries:

- Entry 1:** Received 7 minutes ago, rating 4 stars, feedback text: " nice ". URL: csisweb.palomar.edu/~Ngu28085/.
- Entry 2:** Received 2 days ago, rating 4 stars, feedback text: " good ". URL: csisweb.palomar.edu/~Ngu28085/.