

## TESTING THE WEBSITE\_\_\_\_\_

<http://www.uitestingplayground.com/> (UI)

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**1. Requirement study:** from the description at the beginning of the main page we know that this webpage:

- Provide a platform for sharpening UI test automation skills
- It can be used it to practice using any automation tool
- It can be used to learn test automation techniques

**2.- Browser used:** Chrome -- ChromeDriver 103.0.5060.53

**3.- TEST SCENARIO 1:** Testing launch the webpage <http://www.uitestingplayground.com/home> in different browsers on different operating systems. Testing Changing browser's window size and zoom.

**Test Case**  
**TS1\_TC01** Testing Launch the webpage in different browsers on macOS Big Sur and Ubuntu 20.04.

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
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1	Navigate webpage in Safari 15.5 on macOS.	Site open, and the content is well aligned.	As Expected	Pass
2	Navigate webpage in Chrome 103.0.5060.53 on macOS.	Site open, and the content is well aligned.	As described	Pass
3	Navigate webpage in Firefox 102.0 on macOS.	Site open, and the content is well aligned.	As described	Pass
4	Navigate webpage in Opera 87.0.4390.45 on macOS.	Site open, and the content is well aligned.	As described	Pass
5	Navigate webpage in Chrome 103.0.5060.53 on Ubuntu.	Site open, and the content is well aligned.	As described	Pass
6	Navigate webpage in Firefox 101.0.1 on Ubuntu.	Site open, and the content is well aligned.	As described	Pass
7	Navigate webpage in Opera 88.0.4412.53 on Ubuntu.	Site open, and the content is well aligned.	As described	Pass

**Test Case**  
**TS1\_TC02**

Testing Changing browser's window size.

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Change the Safari's window size from small to big size and viceversa, on macOS.	The content fits to the window without resizing the content and without overlapping.	As Expected	Pass
2	Change the Chrome's window size from small to big size and viceversa,	The content fits to the window without resizing the content and without	As described	Pass

	on macOS.	overlapping.		
3	Change the Firefox's window size from small to big size and viceversa, on macOS.	The content fits to the window without resizing the content and without overlapping.	As described	Pass
4	Change the Opera's window size from small to big size and viceversa, on macOS.	The content fits to the window without resizing the content and without overlapping.	As described	Pass
5	Change the Chrome's window size from small to big size and viceversa, on Ubuntu.	The content fits to the window without resizing the content and without overlapping.	As described	Pass
6	Change the Firefox's window size from small to big size and viceversa, on Ubuntu.	The content fits to the window without resizing the content and without overlapping.	As described	Pass
7	Nhange the Opera's window size from small to big size and viceversa, on Ubuntu.	The content fits to the window without resizing the content and without overlapping.	As described	Pass

**Test Case**  
**TS1\_TC03**

Testing Changing browser's zoom.

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
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1	Change the Safari's zoom of the content from small to big and viceversa, on macOS.	<p>The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.</p> <p>At some point by making the browser window smaller, the Home and Resources link names in the top left menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.</p>	As Expected	Pass
2	Change the Chrome's zoom of the content from small to big and viceversa, on macOS.	<p>The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.</p> <p>At some point by making the browser window smaller, the Home and Resources link names in the top left menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.</p>	As described	Pass
3	Change the Firefox's zoom of the content from small to big and viceversa, on macOS.	<p>The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.</p> <p>At some point by making the browser window smaller, the Home and Resources link names in the top left</p>	As described	Pass

		menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.		
4	Change the Opera's zoom of the content from small to big and viceversa, on macOS.	<p>The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.</p> <p>At some point by making the browser window smaller, the Home and Resources link names in the top left menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.</p>	As described	Pass
5	Change the Chrome's zoom of the content from small to big and viceversa, on Ubuntu.	<p>The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.</p> <p>At some point by making the browser window smaller, the Home and Resources link names in the top left menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.</p>	As described	Pass
6	Change the Firefox's zoom of the content from small to big and viceversa, on Ubuntu.	The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.	As described	Pass

		At some point by making the browser window smaller, the Home and Resources link names in the top left menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.		
7	Nhange the Opera's zoom of the content from small to big and viceversa, on Ubuntu.	<p>The content increase or decrease its size fitting to the window at the same time, without resizing the content and without overlapping.</p> <p>At some point by making the browser window smaller, the Home and Resources link names in the top left menu disappear and a button appears to the right of the UITAP link name. Home and Resources appear after clicking this button.</p>	As described	Pass

**4.- TEST SCENARIO 2:** Testing navigational elements: checks that all navigational buttons on the webpage are working, and that they redirect users to the right place.

**Test  
Case  
TS2\_TC0  
1**

Testing placing the mouse over the name links. Find if it is easy to realize they are links.

Step #	Step Details	(Expected) Results	Actual Results	Pass / Fail / Not executed / Suspend ed
1	Placing the mouse over the name link Dynamic ID.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
2	Placing the mouse over the name link Class Attribute.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
3	Placing the mouse over the name link Hidden Layers.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
5	Placing the mouse over the name link Load Delay.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
6	Placing the mouse over the name link AJAX Data.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
7	Placing the mouse over the name link Client Side Delay.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass

8	Placing the mouse over the name link Click.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
9	Placing the mouse over the name link Text Input.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
10	Placing the mouse over the name link Scrollbars.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
11	Placing the mouse over the name link Dynamic Table.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
12	Placing the mouse over the name link Verify Text	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
13	Placing the mouse over the name link Progress Bar	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
14	Placing the mouse over the name link Visibility.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
15	Placing the mouse over the name link Sample App.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
16	Placing the mouse over the name link Mouse Over.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
17	Placing the mouse over the name link Non-Breaking. Space.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass



18	Placing the mouse over the name link Overlapped Element.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
19	Placing the mouse over the name link Shadow DOM.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
20	Placing the mouse over the name link Rubik's Cube.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
21	Placing the mouse over the name link CC 4.0 BY-NC.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
22	Placing the mouse over the name link Fork the website on GitHub.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
23	Placing the mouse over the name link Rapise.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
24	Placing the mouse over the name link Inflectra Corporation.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
25	Placing the mouse over the name link Apache License 2.0.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
26	Placing the mouse over the button ☆ Star.	The name became underlined and the text color had changed from light blue to dark blue.	As described	Pass
27	Placing the mouse over the link name UITAP in the upper left menu.	The mouse shape changes from arrow to pointing hand.	As described	Pass

28	Placing the mouse over the link name Home in the upper left menu.	The mouse shape changes from arrow to pointing hand.	As described	Pass
29	Placing the mouse over the link name Resources in the upper left menu.	The mouse shape changes from arrow to pointing hand. The word's colour became darker.	As described	Pass

**Test Case**  
**TS2\_TC0**  
**2**

Testing if click on navigational buttons on the webpage works and if it redirects users to the right page.

Step #	Step Details	(Expected) Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Click over the name link Dynamic ID.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/dynamicid">http://www.uitestingplayground.com/dynamicid</a>	As expected	Pass
2	Placing the mouse over the name link Class Attribute.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/classattr">http://www.uitestingplayground.com/classattr</a>	As expected	Pass

3	Placing the mouse over the name link Hidden Layers.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/hiddenlayers">http://www.uitestingplayground.com/hiddenlayers</a>	As expected	Pass
5	Placing the mouse over the name link Load Delay.	It took few seconds before it redirects to the webpage: <a href="http://www.uitestingplayground.com/hiddenlayers">http://www.uitestingplayground.com/hiddenlayers</a>	As expected	Pass
6	Placing the mouse over the name link AJAX Data.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/ajax">http://www.uitestingplayground.com/ajax</a>	As expected	Pass
7	Placing the mouse over the name link Client Side Delay.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/clientdelay">http://www.uitestingplayground.com/clientdelay</a>	As expected	Pass
8	Placing the mouse over the name link Click.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/click">http://www.uitestingplayground.com/click</a>	As expected	Pass
9	Placing the mouse over the name link Text Input.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/textinput">http://www.uitestingplayground.com/textinput</a>	As expected	Pass
10	Placing the mouse over the name link Scrollbars.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/">http://www.uitestingplayground.com/</a>	As expected	Pass

		scrollbars		
11	Placing the mouse over the name link Dynamic Table.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/dynamictable">http://www.uitestingplayground.com/dynamictable</a>	As expected	Pass
12	Placing the mouse over the name link Verify Text.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/verifytext">http://www.uitestingplayground.com/verifytext</a>	As expected	Pass
13	Placing the mouse over the name link Progress Bar.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/progressbar">http://www.uitestingplayground.com/progressbar</a>	As expected	Pass
14	Placing the mouse over the name link Visibility.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/visibility">http://www.uitestingplayground.com/visibility</a>	As expected	Pass
15	Placing the mouse over the name link Sample App.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/sampleapp">http://www.uitestingplayground.com/sampleapp</a>	As expected	Pass
16	Placing the mouse over the name link Mouse Over.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/mouseover">http://www.uitestingplayground.com/mouseover</a>	As expected	Pass
17	Placing the mouse over the name link Non-Breaking Space.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/nbsp">http://www.uitestingplayground.com/nbsp</a>	As expected	Pass
18	Placing the mouse over the name link Overlapped Element.	It works and redirects to the webpage:	As expected	Pass

		<a href="http://www.uitestingplayground.com/overlapped">http://www.uitestingplayground.com/overlapped</a>		
19	Placing the mouse over the name link Shadow DOM.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/shadowdom">http://www.uitestingplayground.com/shadowdom</a>	As expected	Pass
20	Placing the mouse over the name link Rubik's Cube.	It works and redirects to the webpage: <a href="https://pngimg.com/image/46552">https://pngimg.com/image/46552</a>	As expected	Pass
21	Placing the mouse over the name link CC 4.0 BY-NC.	It works and redirects to the webpage: <a href="https://creativecommons.org/licenses/by-nc/4.0/">https://creativecommons.org/licenses/by-nc/4.0/</a>	As expected	Pass
22	Placing the mouse over the name link Fork the website on GitHub.	It works and redirects to the webpage: <a href="https://github.com/inflectra/ui-test-automation-playground">https://github.com/inflectra/ui-test-automation-playground</a>	As expected	Pass
23	Placing the mouse over the name link Rapise.	It works and redirects to the webpage: <a href="https://www.inflectra.com/Rapise/">https://www.inflectra.com/Rapise/</a>	As expected	Pass
24	Placing the mouse over the name link Inflectra Corporation.	It works and redirects to the webpage: <a href="https://www.inflectra.com/">https://www.inflectra.com/</a>	As expected	Pass
25	Placing the mouse over the name link Apache License 2.0.	It works and redirects to the webpage: <a href="https://www.apache.org/licenses/LICENSE-2.0">https://www.apache.org/licenses/LICENSE-2.0</a>	As expected	Pass
26	Placing the mouse over the button ☆ Star.	It works and redirects to the webpage: <a href="https://github.com/inflectra/ui-test-automation-playground">https://github.com/inflectra/ui-test-automation-playground</a>	As expected	Pass

27	Placing the mouse over the link name UITAP in the upper left menu.	It works and redirects to the main webpage: <a href="http://www.uitestingplayground.com/">http://www.uitestingplayground.com/</a>	As expected	Pass
28	Placing the mouse over the link name Home in the upper left menu.	It works and redirects to the main webpage: <a href="http://www.uitestingplayground.com/">http://www.uitestingplayground.com/</a>	As expected	Pass
29	Placing the mouse over the link name Resources in the upper left menu.	It works and redirects to the webpage: <a href="http://www.uitestingplayground.com/resources">http://www.uitestingplayground.com/resources</a>	As expected	Pass

### 5.- TEST SCENARIO 3: Testing Load Delay scenario in different browsers

**Test Case  
TS3\_TC01** Testing launch delay time

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	In Chrome (103.0.5060.53 on Ubuntu) navigate to Home webpage and click on Load Delay link name.	A rotating circle of dots appears next to the Load Delay link name giving the feeling that it is loading.  After few seconds (it is a variable	As described	Pass

		time around 6 sec) the Load Delay webpage is launched.		
2	Click the button "The button that appears after the delay" at the bottom of the redirected webpage.	A light blue border appears around the button.	As described	Pass
3	Reload the Load Delay webpage.	After few seconds (it is a variable time around 6 sec) the Load Delay webpage is launched.	As described	Pass
4	On the Load Delay webpage, using the Home link name in the top of it, I return to Home page.	The content of Home webpage appears normally.	As described	Pass
5	On the Load Delay webpage, using the back browser element (an arrow), I return to the home page.	The content of Home webpage appears normally.	As described	Pass
6	From Home webpage, after step 5 or 4, I use the forward browser element (an arrow) to return to the Load Delay webpage	There is not delay time and the content of the webpage appears suddently.	As described	Pass
7	Steps from 1 to 6 were tested using: the browsers bellow and the same results were obtained:  Navigate webpage in Firefox 102.0 on macOS. Navigate webpage in Opera 87.0.4390.45 on macOS. Navigate webpage in Chrome 103.0.5060.53 on Ubuntu. Navigate webpage in Firefox 101.0.1 on Ubuntu.			
8	In Safari (15.5 on macOS) navigate to Home webpage and click on Load Delay link name.	A rotating circle of dots appears next to the Load Delay link name giving the feeling that it is loading.  After few seconds (it is a variable time around 6 sec) the Load Delay webpage is launched.	As described	Pass

9	Click the button "The button that appears after the delay" at the bottom of the redirected webpage.	A light blue border appears around the button.	As described	Pass
10	Reload the Load Delay webpage.	After few seconds (it is a variable time around 6 sec) the Load Delay webpage is launched.	As described	Pass
11	On the Load Delay webpage, using the Home link name in the top of it, I return to Home page.	The content of Home webpage appears normally.	As described	Pass
12	On the Load Delay webpage, using the back browser element (an arrow), I return to the home page.	The content of the Home web page appears normally.	The content of the Home web page appears normally, except for the rotating circle of dots that appears next to the name of the Load Delay link.	Fail
13	From Home webpage, after step 5 or 4, I use the forward browser element (an arrow) to return to the Load Delay webpage	There is not delay time and the content of the webpage appears suddently.	As described	Pass
14	In Opera (88.0.4412.53 on Ubuntu) navigate to Home webpage and click on Load Delay link name.	A rotating circle of dots appears next to the Load Delay link name giving the feeling that it is loading.  After few seconds (it is a variable time around 6 sec) the Load Delay webpage is launched.	As described	Pass



15	Click the button "The button that appears after the delay" at the bottom of the redirected webpage.	A light blue border appears around the button.	As described	Pass
16	Reload the Load Delay webpage.	After few seconds (it is a variable time around 6 sec) the Load Delay webpage is launched.	As described	Pass
17	On the Load Delay webpage, using the Home link name in the top of it, I return to Home page.	The content of Home webpage appears normally.	As described	Pass
18	On the Load Delay webpage, using the back browser element (an arrow), I return to the home page.	The content of the Home web page appears normally.	The content of the Home web page appears normally, except for the rotating circle of dots that appears next to the name of the Load Delay link.	Fail
19	From Home webpage, after step 5 or 4, I use the forward browser element (an arrow) to return to the Load Delay webpage	There is not delay time and the content of the webpage appears suddenly.	As described	Pass

## 6. Conclusions

From all scenarios tested, I found errors just in the last one (Testing Load Delay scenario in different browsers) using Safari 15.5 on macOS and Opera 88.0.4412.53 on Ubuntu.