Task 3 Introduction to Web Development Technical Document

1. Table of tested processes

Process	Tested	Expected Output	Actual	Pass /Fail	Notes
Tested	Action		Output		
New	If online	Creation of an	The essential	Pass for	I have tried
Account	form works	online form with	required data	required	to fix the
Form	properly	details such as	input fields	data input	dropdown
		name, email	worked well	fields.	menu again
		address and	but the		and again
		gender so that the	dropdown	Fail for the	but did not
		interested person	menu did not	dropdown	succeed
		can subscribe to	function.	menu	yet.
		the newspaper.			
		Once the user			I will try to
		inserts the			check again
		required fields the			if the code
		data will be			can change
		submitted to the			so that the
		newspaper and			list works as
		the person is			planned
		registered as a			
		subscriber. Data			
		such as gender is			
		in a dropdown list			
		and is optional			
Navigation	If the links	Creation of links	The links on	Pass for all	I was happy
and Links	lead to the	on the homepage	the task bar	the links on	that the
	correct site	needed to direct	worked well	the bar and	links worked
		the user to other	and when the	on the	well.
		pages which are	user clicks	articles and	No
		the Articles,	on the bar of	on the	problems in
		About Page and	choice the	Facebook	links and
		Subscribe page.	navigation to	and	navigation
			the page	Instagram	noted.
		Links of the article	worked very	icons.	
		image on the	good.		
		news page will	The article		
		link to the article	links worked		
		writeup and	well and will		
		details.	direct you to		
			the article		
		Links to the Times	that you		
		of Malta pages on	wanted to		
		Instagram and	read.		
		Facebook were	Links to TOM		
		also created.	Instagram		
			and		
			Facebook		
			worked well.		

Process	Tested	Expected Output	Actual	Pass /Fail	Notes
Tested	Action		Output		
		I did 6 article stories which I developed on the front page. Each article story picture when clicked on will open onto the news story itself		Pass in all 6 picture stories opening at the article.	I have tried to insert the story in each article picture but for some reason failed at first. To solve the problem I tried to copy the code of the successful article onto the other articles and after some modification and patience this worked. I am happy that by insisting to solve the problem I was successful and I can now write stories for the rest.

2. Validation of the code.

Codes were validated using the suggested sites.

For the HTLM I used https://validator.w3.org/

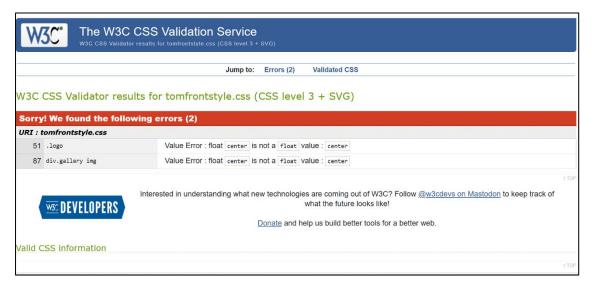
For the CSS I used https://jigsaw.w3.org/css-validator

I have entered the specific path for each of the process to be tested and the validator gave me the results which I am pasting below:

Every page (HTML)

```
1. Error Attribute a not allowed on element img at this point.
    From line 13, column 5; to line 13, column 63
    body>₽ <img a class="logo" src="times-of-malta-1.png" alt="homer">₽ <
    Attributes for element img:
        Global attributes
       alt — Replacement text for use when images are not available
        src - Address of the resource
        <u>srcset</u> — Images to use in different situations, e.g., high-resolution displays, small monitors, etc.
        sizes — Image sizes for different page layouts
       crossorigin — How the element handles crossorigin requests
        usemap — Name of image map to use
        \underline{\mathtt{ismap}} \, - \, \mathsf{Whether} \; \mathsf{the} \; \mathsf{image} \; \mathsf{is} \; \mathsf{a} \; \mathsf{server} \text{-} \mathsf{side} \; \mathsf{image} \; \mathsf{map}
        width — Horizontal dimension
        referrerpolicy — Referrer policy for fetches initiated by the element
         \underline{\mathtt{decoding}} - \mathsf{Decoding} \ \mathsf{hint} \ \mathsf{to} \ \mathsf{use} \ \mathsf{when} \ \mathsf{processing} \ \mathsf{this} \ \mathsf{image} \ \mathsf{for} \ \mathsf{presentation}
         loading — Used when determining loading deferral
         <u>fetchpriority</u> — Sets the <u>priority</u> for <u>fetches</u> initiated by the element
```

Front page (CSS)



"Subscribe" page (HTML)

```
2. Warning The document is not mappable to XML 1.0 due to two consecutive hyphens in a comment.

At line 23, column 12

h1 \( \) < (1----This is the par

3. Error Stray end tag address.

From line 26, column 43; to line 26, column 52

i1 Address </Address </Address
```

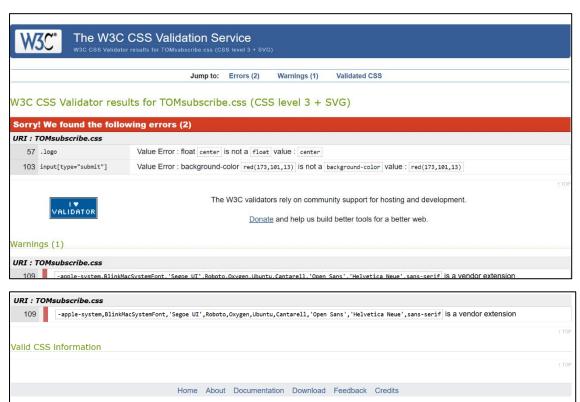
```
7. Error Attribute a not allowed on element a at this point.
    From line 53, column 7; to line 53, column 89
               <a target="_blank" a class="clothes" href="https://www.facebook.com/timesofmalta/">←
      Global attributes
      href — Address of the hyperlink
      target — Navigable for hyperlink navigation
      download — Whether to download the resource instead of navigating to it, and its filename if so
      rel — Relationship between the location in the document containing the <u>hyperlink</u> and the destination resource
      hreflang — Language of the linked resource
      type — Hint for the type of the referenced resource
      \underline{\text{referrerpolicy}} = \underline{\text{Referrer policy}} \text{ for } \underline{\text{fetches}} \text{ initiated by the element}
8. Error Attribute a not allowed on element a at this point.
    From line 56, column 7; to line 56, column 91
                 <a target="_blank" a class="clothes2" href="https://www.instagram.com/timesofmalta/">↩
   Attributes for element a:
      href - Address of the hyperlink
```

```
8. Error Attribute a not allowed on element a at this point.
     From line 56, column 7; to line 56, column 91
              <a target="_blank" a class="clothes2" href="https://www.instagram.com/timesofmalta/">↩
    Attributes for element a:
       Global attributes
       <u>href</u> — Address of the <u>hyperlink</u>
       target - Navigable for hyperlink navigation
        \underline{\texttt{download}} - \text{Whether to download the resource instead of navigating to it, and its filename if so}
       ping — URLs to ping
       <u>rel</u> — Relationship between the location in the document containing the <u>hyperlink</u> and the destination resource
       hreflang - Language of the linked resource
        \underline{\text{type}} — Hint for the type of the referenced resource
        referrer policy — Referrer policy for fetches initiated by the element
9. Error The value of the for attribute of the label element must be the ID of a non-hidden form control.
     From line 29, column 11; to line 29, column 28
                 <label for="name">Userna
10. Error The value of the for attribute of the label element must be the ID of a non-hidden form control.
```

```
ping — URLs to ping
rel — Relationship between the location in the document containing the hyperlink and the destination resource
hreflang — Language of the linked resource
txee — Hint for the type of the referenced resource
referrer policy. — Referrer policy for fetches initiated by the element

9. Error The value of the for attribute of the label element must be the ID of a non-hidden form control.
From line 29, column 11; to line 29, column 28
<a href="label-for="name">\subsection{label-lement must be the ID of a non-hidden form control.">\subsection{label-for="name">\subsection{label-lement must be the ID of a non-hidden form control.</a>
From line 32, column 11; to line 32, column 28
<a href="label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label-for="name">\subsection{label
```

"Subscribe" page (CSS)



"Article" page (HTML)

```
2. Error Attribute a not allowed on element img at this point.
     From line 24, column 7: to line 24, column 55
     h1>은 <img a class="homey" src="cats3.jpg" alt="homer">은
     Attributes for element <u>img</u>:
        Global attributes
        alt — Replacement text for use when images are not available
        src — Address of the resource
        srcset - Images to use in different situations, e.g., high-resolution displays, small monitors, etc.
        <u>sizes</u> — Image sizes for different page layouts
        crossorigin — How the element handles crossorigin requests
         usemap — Name of image map to use
         ismap — Whether the image is a server-side image map
         height — Vertical dimension
         \underline{\text{referrer policy}} - \underline{\text{Referrer policy}} \text{ for } \underline{\text{fetches}} \text{ initiated by the element}
         decoding — Decoding hint to use when processing this image for presentation
         \underline{\texttt{loading}} - \mathsf{Used} \ \mathsf{when} \ \mathsf{determining} \ \mathsf{loading} \ \mathsf{deferral}
         \underline{\text{fetchpriority}} = \text{Sets the } \underline{\text{priority}} \text{ for } \underline{\text{fetches}} \text{ initiated by the element}
```

"Article" page (CSS)

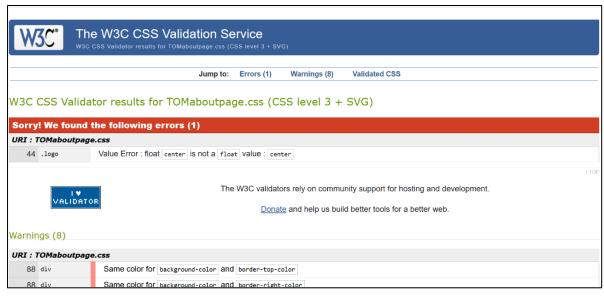


About page (HTML)





About page (CSS)





The validator has indicated some adjustments that I could make such as '2 consecutive hyphens which are not mappable to XLM1.0'. These corrections could be easily done since the line where the code error was done, was pointed out in the validator comments.

Unfortunately, the validator did not help in the slightest to solve the problem of the 'Gender' dropdown list on the 'Subscribe' page. This remained the only thing on the website that I could not make work.

3. Current issues in Website

I had two major issues in the website.

One of the issues was a dropdown list that I created in the Subscription page.

I did a code for this dropdown menu to give the subscriber a choice of gender such as male, female and other. The code is not working. I will try till the deadline to fix this. The easy way out would be to remove it from the page, but I wish to try to fix the problem.

I am still trying to solve this problem.

The other issue was that I could not immediately manage to write the code for a writeup on the article page below the picture.

In the very end this turned out to be an easier task to solve as by trying to copy and paste the code from the successful article and insert it in the others I could add a short story for each of the 6 stories.

I am happy that I was able to solve this problem.

In the future I wish to construct more pages that the 3 pages I have already done.

An idea would be an advertisement page and maybe an entertainment page with a puzzle or cartoon.

This would take more time but will make the online newspaper better and it reaches a bigger subscriber interest.