Task 3 Introduction to Web Development Technical Document

1. Table of tested processes

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

Process Tested	Tested Action	Expected Output	Actual Output	Pass /Fail	Notes
Articles	If the articles linked to the homepage open correctly	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	All 6 article stories were functional and once you click on the picture, the link will go to the story article itself. For some reason in the beginning I could only code one article story (3 cats stuck on a tree get rescued by locals) to expand into the article itself. The other articles I could only manage the pictures opening into the article with the picture only, but no writeup could be loaded. However I have now managed to solve the issue and all stories now have a writeup.	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)

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>↵      <!----This is the par
```

3. **Error** Stray end tag `address`.

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

```
il Address</Address></labe
```

4. **Error** Duplicate ID `fname`.

From line 33, column 11; to line 33, column 90

```
        <input type="text" id="fname" name="name" placeholder="Enter Password" required>↵
```

5. **Warning** The first occurrence of ID `fname` was here.

From line 30, column 11; to line 30, column 90

```
        <input type="text" id="fname" name="name" placeholder="Enter Username" required>↵↵
```

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

At line 51, column 13

```
r>↵      <!----here the user c
```

7. **Error** Attribute `a` not allowed on element `a` at this point.

---

7. **Error** Attribute `a` not allowed on element `a` at this point.

From line 53, column 7; to line 53, column 89

```
/p>↵      <a target="_blank" a class="clothes" href="https://www.facebook.com/timesofmalta/">↵
```

Attributes for element `a`:

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

`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

`type` — Hint for the type of the referenced resource

`referrerpolicy` — Referrer policy for fetches 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>↵      <a target="_blank" a class="clothes2" href="https://www.instagram.com/timesofmalta/">↵
```

Attributes for element `a`:

Global attributes

`href` — Address of the hyperlink

---

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.

From line 29, column 11; to line 29, column 28

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

type — Hint for the type of the referenced resource

referrerpolicy — 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.

From line 32, column 11; to line 32, column 28

```
<label for="name">Passwo
```

"Subscribe" page (CSS)

The W3C CSS Validation Service
W3C CSS Validator results for TOMsubscribe.css (CSS level 3 + SVG)

Jump to: Errors (2)   Warnings (1)   Validated CSS

W3C CSS Validator results for TOMsubscribe.css (CSS level 3 + SVG)

Sorry! We found the following errors (2)

URI : TOMsubscribe.css

| 57 | .logo | Value Error : float `center` is not a `float` value : `center` |
| 103 | input[type="submit"] | Value Error : background-color `red(173,101,13)` is not a `background-color` value : `red(173,101,13)` |

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I ♥ VALIDATOR

The W3C validators rely on community support for hosting and development.

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Warnings (1)

URI : TOMsubscribe.css

| 109 | -apple-system,BlinkMacSystemFont,'Segoe UI',Roboto,Oxygen,Ubuntu,Cantarell,'Open Sans','Helvetica Neue',sans-serif is a vendor extension |

URI : TOMsubscribe.css

| 109 | -apple-system,BlinkMacSystemFont,'Segoe UI',Roboto,Oxygen,Ubuntu,Cantarell,'Open Sans','Helvetica Neue',sans-serif is a vendor extension |

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Valid CSS Information

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Home   About   Documentation   Download   Feedback   Credits

"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>↵        <img a class="homey" src="cats3.jpg" alt="homer">↵
```

Attributes for element `img`:

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.

`sizes` — 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

`width` — Horizontal dimension

`height` — Vertical dimension

`referrerpolicy` — Referrer policy for fetches initiated by the element

`decoding` — Decoding hint to use when processing this image for presentation

`loading` — Used when determining loading deferral

`fetchpriority` — Sets the priority for fetches initiated by the element

"Article" page (CSS)

The W3C CSS Validation Service
W3C CSS Validator results for TOMarticle.css (CSS level 3 + SVG)

Jump to: **Errors (1)**   **Validated CSS**

W3C CSS Validator results for TOMarticle.css (CSS level 3 + SVG)

Sorry! We found the following errors (1)

URI : TOMarticle.css

| 52 | `.logo` | Value Error : float `center` is not a `float` value : `center` |

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Valid CSS Information

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About page (HTML)

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file TOMaboutpage6.html

Checker Input

Show ☐ source ☐ outline ☐ image report   Options…

Check by file upload ⌄   Choose File   No file chosen

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

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. **Error** `style` **element between** `head` **and** `body` .

     From line 11, column 1; to line 11, column 7

     `>⏎</head>⏎<style>⏎      ⏎`

2. **Fatal Error** Cannot recover after last error. Any further errors will be ignored.

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. **Error** `style` **element between** `head` **and** `body` .

     From line 11, column 1; to line 11, column 7

     `>⏎</head>⏎<style>⏎      ⏎`

2. **Fatal Error** Cannot recover after last error. Any further errors will be ignored.

     From line 11, column 1; to line 11, column 7

     `>⏎</head>⏎<style>⏎      ⏎`

Document checking completed.

Used the HTML parser.
Total execution time 2 milliseconds.

About this checker • Report an issue • Version: 25.7.26

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.