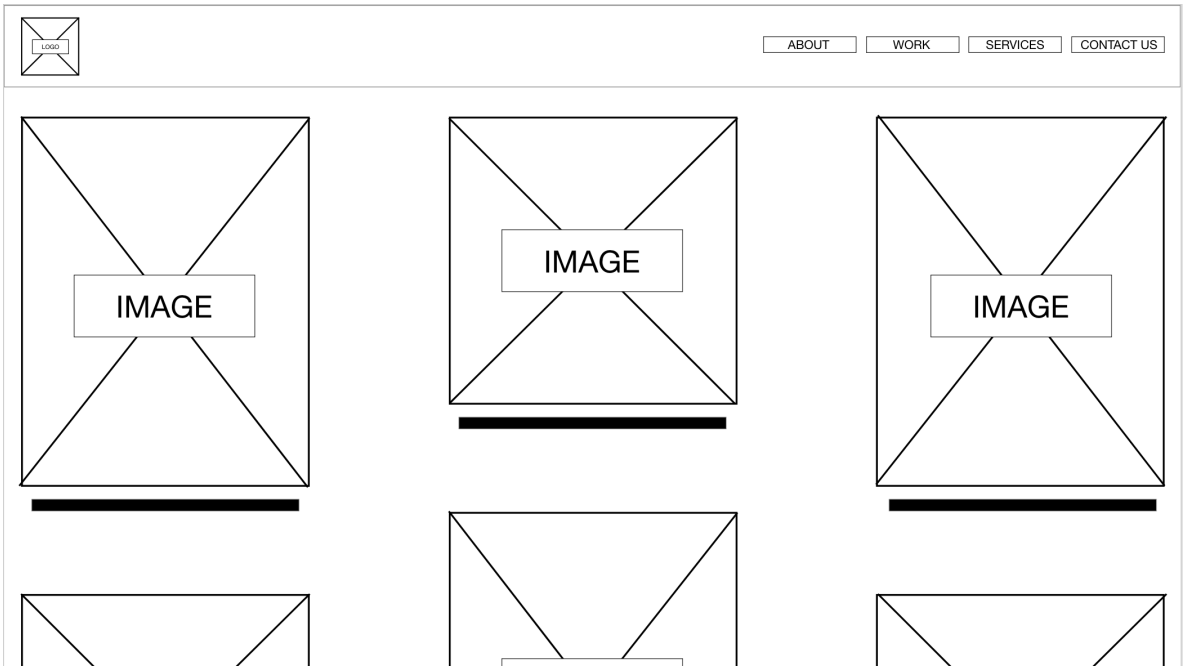
Web Design

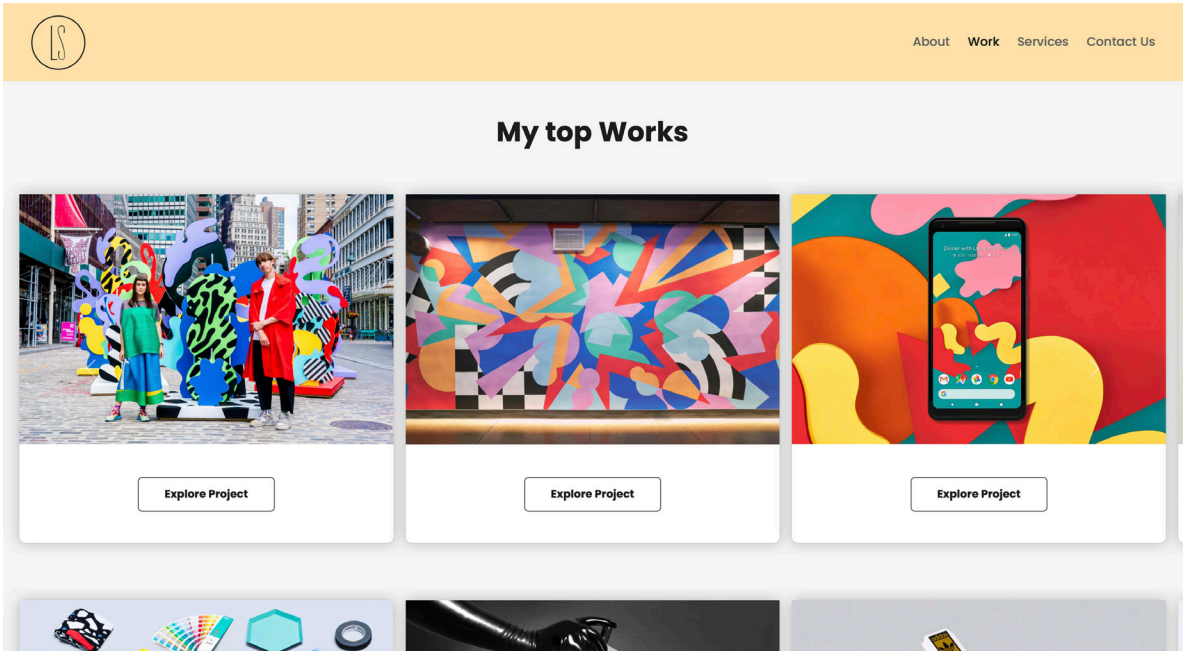
Task 3 Ganni Mamo 5.1A

Part 1

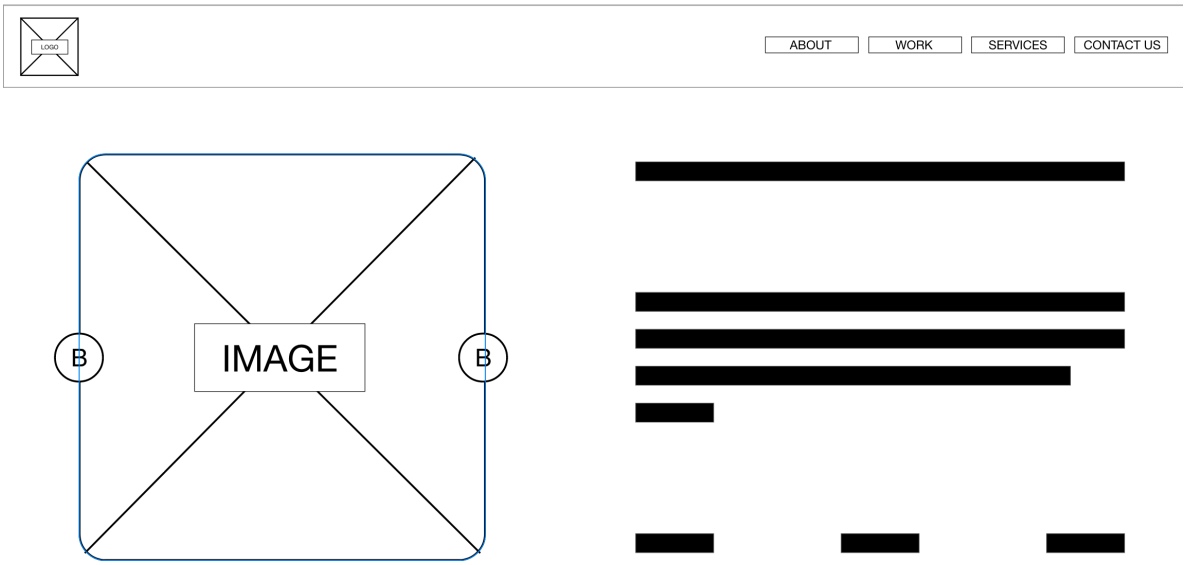
It can be noted that when redesigning Leta Sobierajski's portfolio website most of the initial planning, functionalities and low-fi wireframe designs were implemented successfully using HTML 5 and CSS3 for instance the home page turned out exactly as planned in the high-resolution wireframe done in task 1 and so did the about page except for the addition of the back to top button which was implemented to better help the user quickly scroll back to the top of the page.

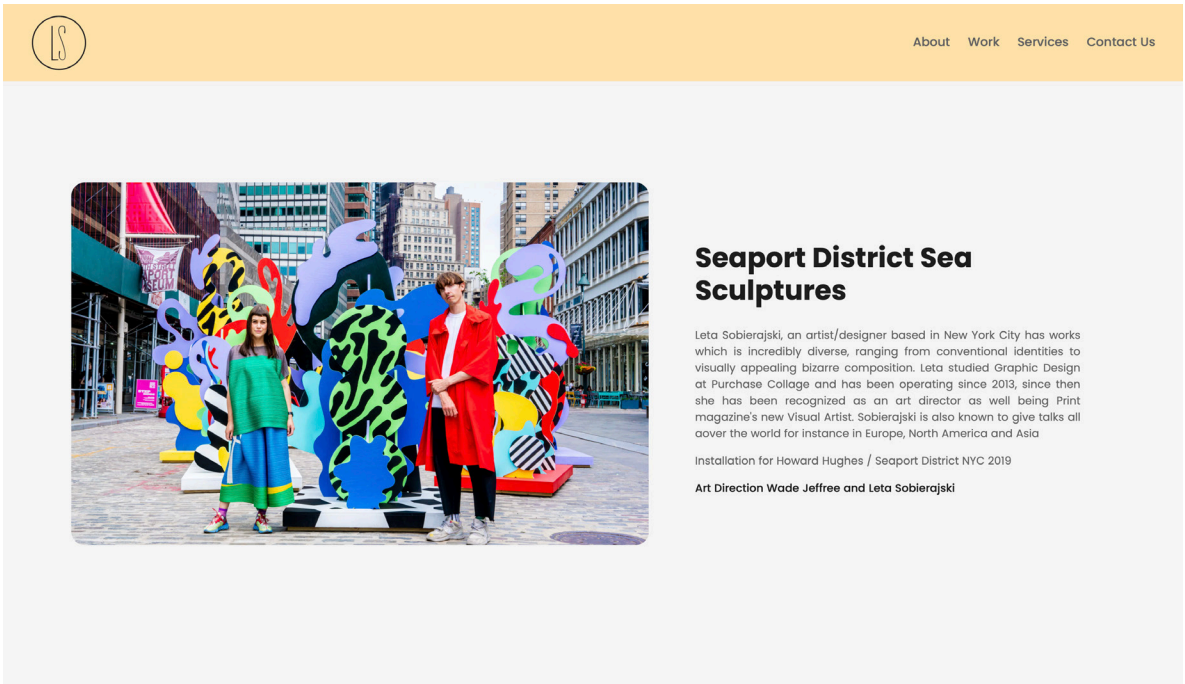
When it comes to the "**work**" page, the layout design changed significantly because rather than having all the works positioned in a gallery manner, I swapped the layout to be in a dual carousel manner. This change was done to have a clean user interface as when breaking down Leta's actual website I saw that the website looks too hectic due to the colour schemes of her projects and I thought that it would be beneficial to have the projects categorised by colour and in a carousel manner rather than having the gallery layout.



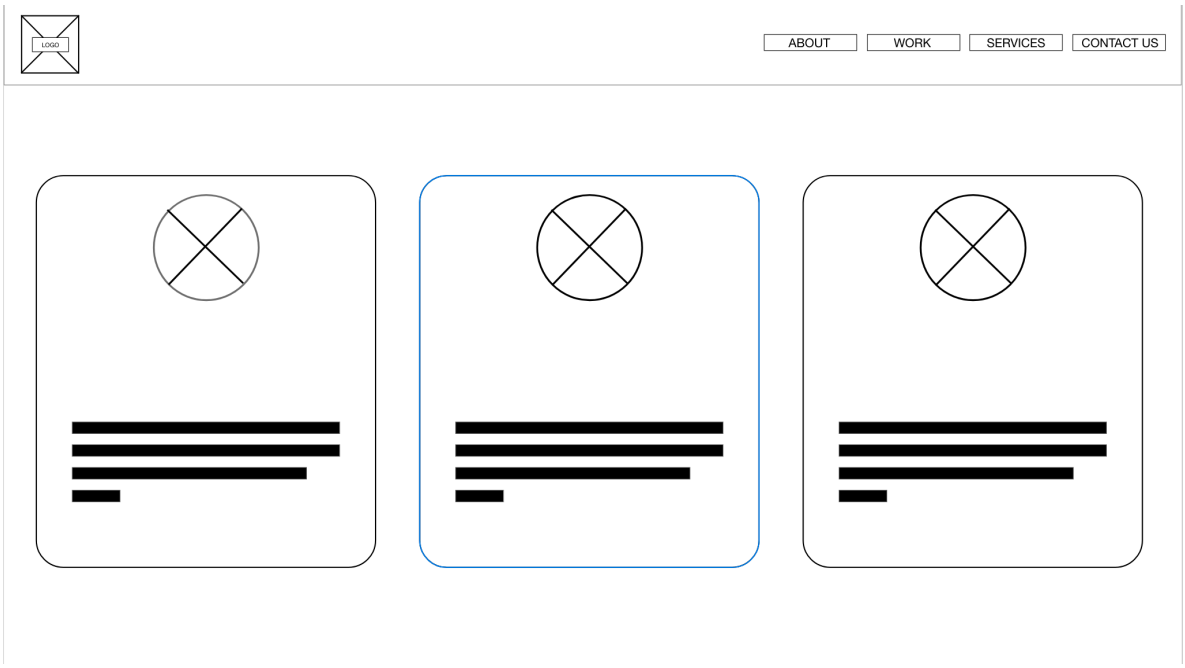


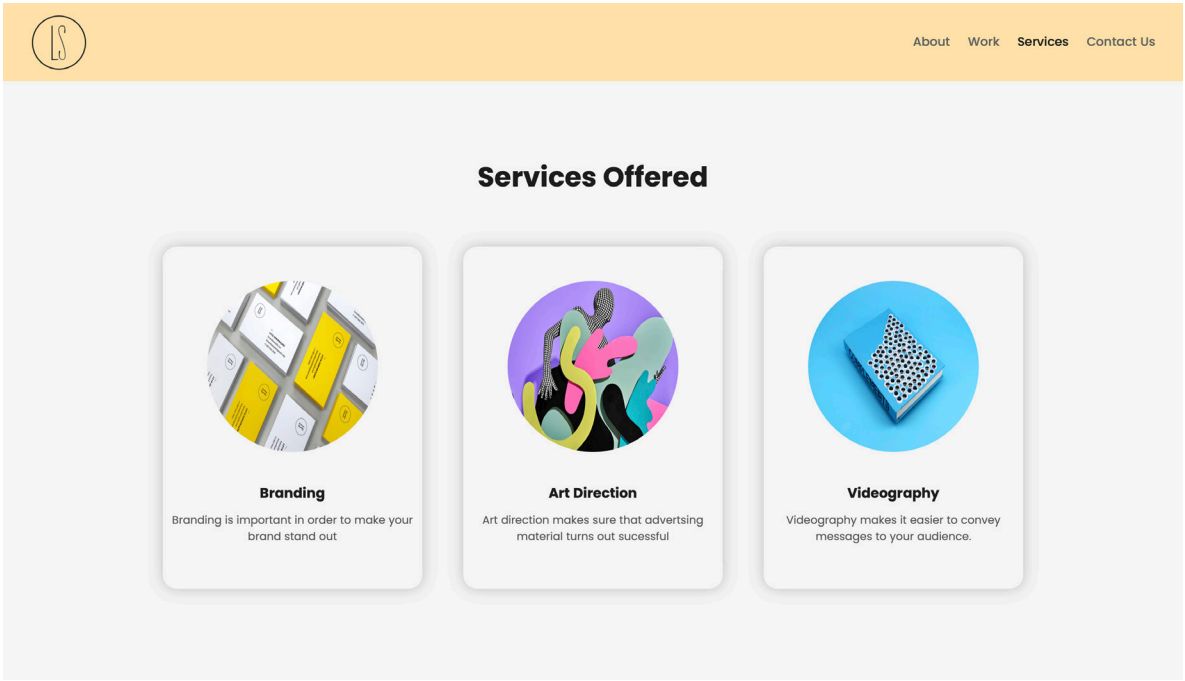
The carousel's transition was done using JavaScript although it works as expected I would have liked it to be smoother as sometimes the transition tends to break as instead of moving one card at a time it moves three cards at a time thus confusing the user. Moving on to the **project description** pages, the overall layout was done as planned and turned out great but minor changes were made. These are that the project carousel was planned to be done using manual toggle switches to move to the next image, but this was later changed to have an automatic sliding carousel to make it easier for the user to view the projects. Although this was a better usability feature, I would have liked the carousel to switch from one image to another quicker to not frustrate the user and other than that in some of the project descriptions the carousel design tends to break a bit.



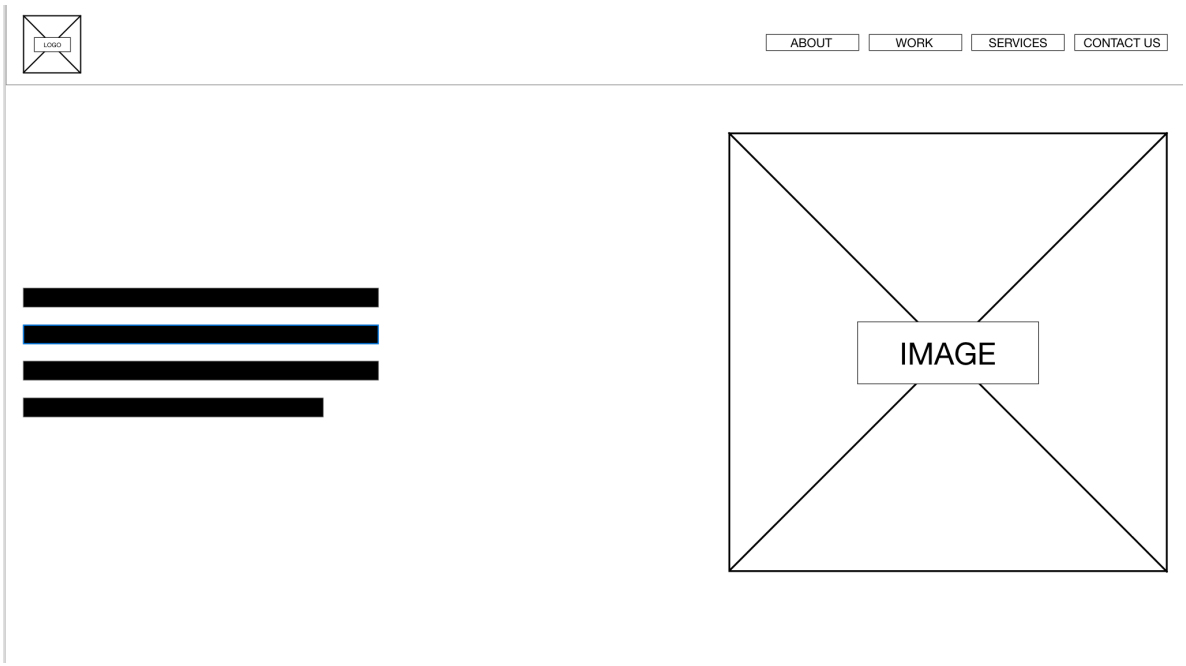


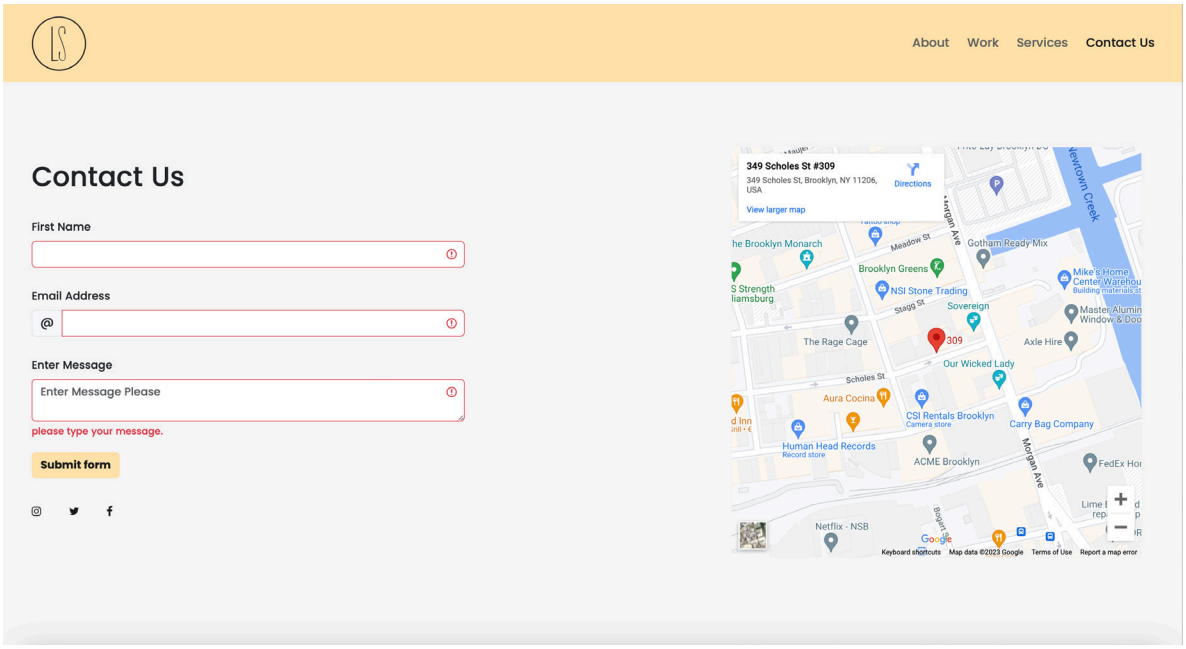
When creating the **services** page minor changes were made to the initial design, the change was that the page incorporated a title as well whereas the low-fi wireframe lacked a title, but other than that the design turned out as expected, this change was done to further enhance the user experience by showing the user on which page he/she is on. although the design turned out as expected I would have preferred it if the cards were bigger to make it easier for people with vision difficulties to see the services description.



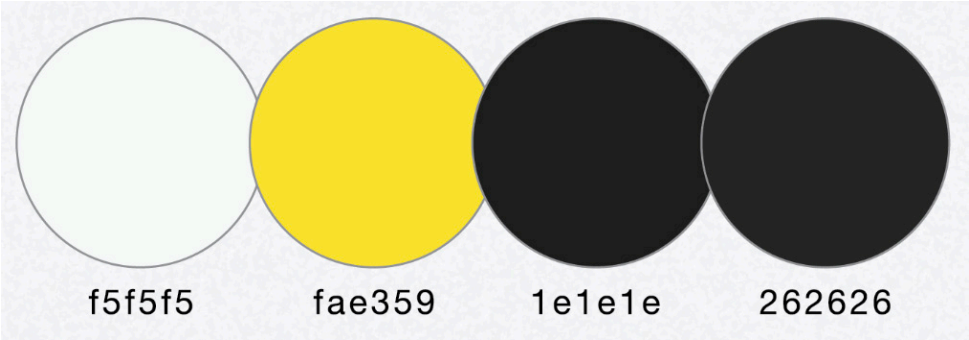


When creating the **contact us** page, the design turned out as expected and as planned in the initial wireframe. But I would have preferred if the invalid indicators showed only on incorrect entries rather than having the indicators being visible when no text is entered as this may confuse the user.





It can also be noted that I changed most of my colour scheme, as when building the actual website, the colour scheme chosen was too bright thus making it very unappealing. For this I chose a lighter yellow (#ffe2a9) tone for the nav bar, and for the navbar I changed the inactive pages link to a lighter grey (#40403f) and the active pages links to a darker grey (#1e1e1e). I also changed the typeface to Poppins with its fonts Bold, Medium and Regular instead of Helvetica Neue. The colour changes were changed to make the website more visually appealing but still has a good contrast ratio and the typefaces were swapped to give a friendlier feel to the website.



OLD

NEW

Part 2

What did the user Do?	What is Expected?	Actual Output?	Pass/Fail	Comments
clicked on enter portfolio button	The website takes the user to the about page	The website takes the user to the about page	Pass	N/A
clicked the about page	The website takes the user to the about page	The website takes the user to the about page	Pass	N/A
clicked the back to top button	Back to top button takes user to top of page	Back to top button takes user to top of page	Pass	N/A
clicked the logo icon	Home page loads	Home page loads	Pass	N/A
Clicked the Work page	Work page Loads	Work page Loads	Pass	N/A
Clicked on right carousel arrow	More projects load	More projects load	Pass	N/A
Clicked on left carousel arrow	Shows previous projects	Shows previous projects	Pass	N/A
Clicked on Explore Project	Project description Loads	Project description Loads	Pass	N/A
Clicked on Services page	Website loads services page	Website loads services page	Pass	N/A
Clicked on Contact Us Page	Website loads Contact Us page	Website loads Contact Us page	Pass	N/A
Clicked on first name text field	User is expected to enter his/ her name to continue	Text field becomes valid if name is present if not text field remains invalid	Pass	N/A
Clicked on Email text field	User is expected to enter email address	Text field becomes valid if email address is present if not text field remains invalid	Pass	N/A
Clicked on Enter message text area	User is expected to type in his/her message	Text field becomes valid if text area is filled, if not text area remains invalid	Pass	N/A

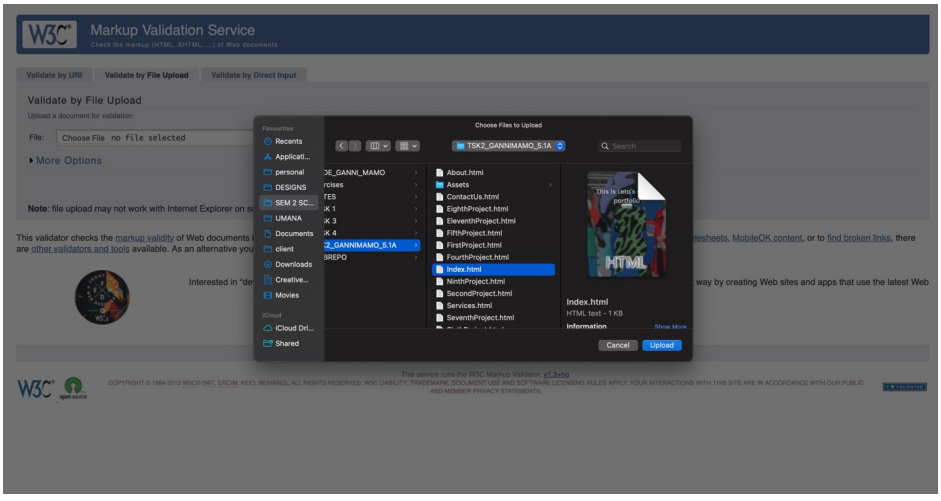
Clicked on submit form	User is expected to click on it to send his/her message	When pressed the form loads mailbox	Pass	N/A
Clicked on Instagram Icon	User will be directed to the linked instagram page	User will be directed to the linked instagram page	Pass	N/A
Clicked on Twitter Icon	User will be directed to the linked Twitter profile	User will be directed to the linked Twitter profile	Pass	N/A
Clicked on Facebook Icon	User will be directed to the linked Facebook page	User will be directed to the linked Facebook page	Pass	N/A
Clicked on view larger map	User will be directed to google maps	User will be directed to google maps	Pass	N/A
Clicked on map Directions	User will be directed to the directions page of google maps	User will be directed to the directions page of google maps	Pass	N/A
Clicked on zoom icon on map	Map will be zoomed in and out	Map will be zoomed in and out	Pass	N/A

How I validated my HTML5 Code:

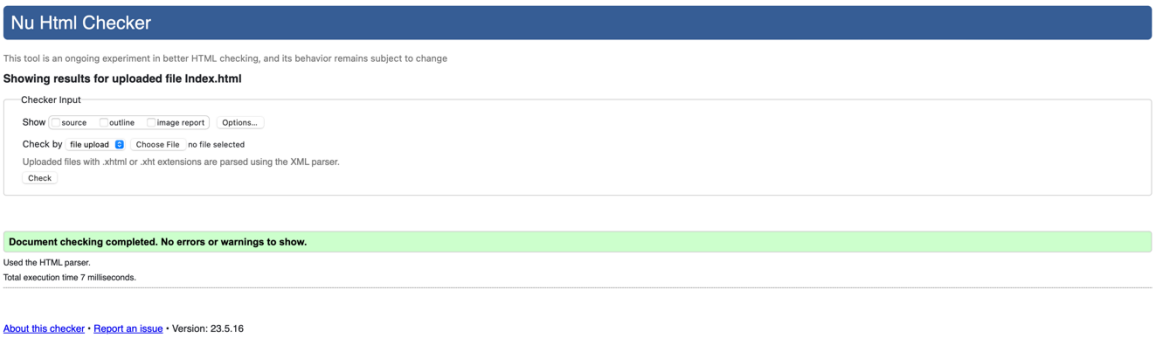
after I finished my code and saw that it had no mistakes from visual studio code. I headed to https://validator.w3.org to check that my code is up to standard. To validate the HTML files:

step 1 – I clicked on validate by file upload. This was done to validate every file individually.

Step 2- when the validate by file upload page loaded, I clicked on choose file to select a specific HTML file which had to be validated.



Step 3 – after uploading my file I pressed on the check button, which allows the validator to see whether my file is up to standard or not.



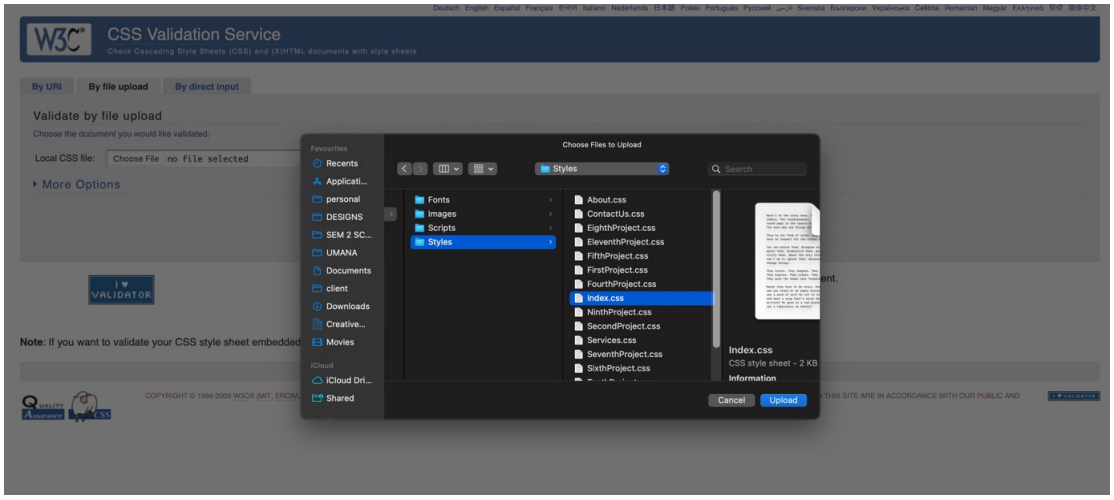
Finally if the results states “No errors or warning” it means that the file is valid and is up to standard if not and an error is shown I would first amend the issue and then validate it again.

How I validated my CSS3 Code:

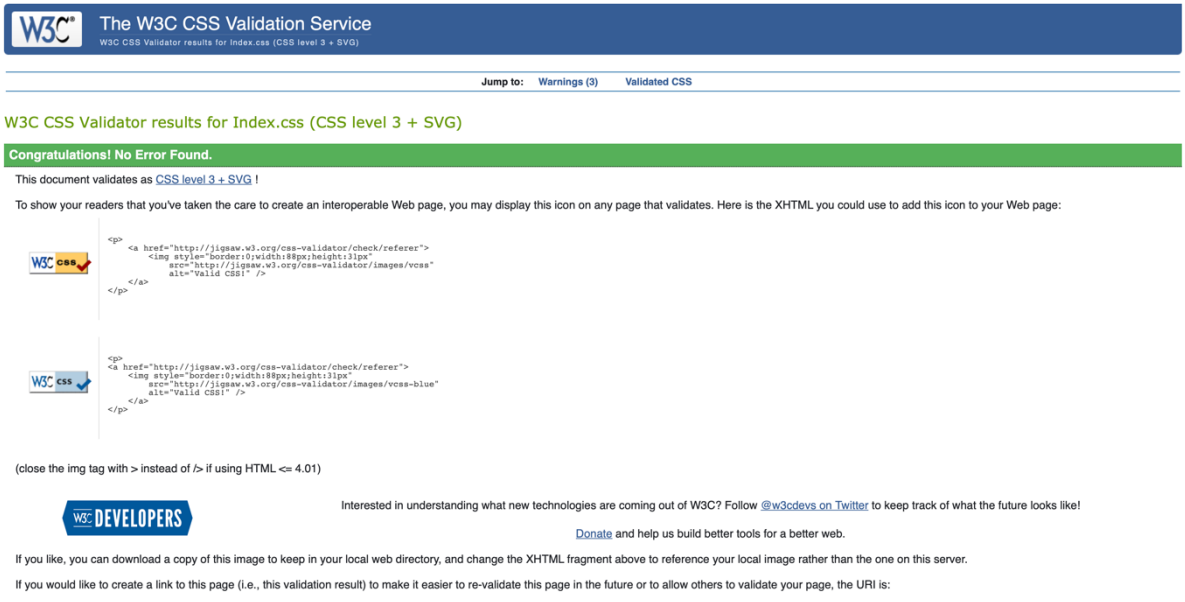
After I implemented all the styling required. I headed to the CSS validator which is https://jigsaw.w3.org/css-validator/ to see that the CSS files are up to standard. To validate the CSS files:

Step 1 - I clicked on validate by file upload to validate every file individually.

Step 2 - when the validate by file upload page loaded, I clicked on choose file to select a specific CSS file which had to be validated.



Step 3 – after uploading my file I pressed on the check button, which allows the validator to see whether my file is up to standard or not.



The W3C CSS Validation Service

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

Jump to: Warnings (3) Validated CSS

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

Congratulations! No Error Found.

This document validates as CSS level 3 + SVG !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

```
<p>
    <a href="http://jigsaw.w3.org/css-validator/check/referer">
        <img style="border:0;width:88px;height:31px"
            src="http://jigsaw.w3.org/css-validator/images/vcss"
            alt="Valid CSS!" />
    </a>
</p>
```

```
<p>
<a href="http://jigsaw.w3.org/css-validator/check/referer">
    <img style="border:0;width:88px;height:31px"
        src="http://jigsaw.w3.org/css-validator/images/vcss-blue"
        alt="Valid CSS!" />
    </a>
</p>
```

(close the img tag with > instead of /> if using HTML <= 4.01)

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If you like, you can download a copy of this image to keep in your local web directory, and change the XHTML fragment above to reference your local image rather than the one on this server.

If you would like to create a link to this page (i.e., this validation result) to make it easier to re-validate this page in the future or to allow others to validate your page, the URI is:

Finally if the results states “No errors or warning” it means that the file is valid and is up to standard if not and an error is shown I would first amend the issue and then validate it again.