

# Task4 Testing

Tested Action	GitHub Commit ID	Expected Output	Actual Output	Actual Output	Notes
Homepage loads and displays navigation	66b2ac4	User sees a clear homepage with working hovering icons	Homepage loaded successfully with nav bar visible and functional	Pass	
Clicking on the about page	66b2ac4	user is taken to the about page	user is given the information and images about the page	Pass	
Information page loads thesis content	66b2ac4	Thesis details are visible and scrollable	Content loaded properly, scrolls smoothly	Pass	
Infographics or images load correctly	66b2ac4	Images open clearly and enhance the content	One infographic was not loading due to incorrect file path	Partial	Corrected image src in HTML
About page loads author info	66b2ac4	Researcher's details load and display clearly	Biography section displayed correctly	Pass	
Contact form submission	66b2ac4	Form validates and confirms submission and an email can be sent	form lets the user include their details and is able to send an email	Pass	
Location of university is clicked	66b2ac4	university link is opened on a separate tab	link to university does not open	Fail	I did not include this function as I forgot to link it to the university's website.
Minimizing the tab	66b2ac4	A burger menu is shown instead of the normal navbar when clicked the options to the different pages are shown	The burger menu is shown and the navbar collapses as expected	Pass	

# HTML Validation:

For the validation, I used these links that were given by our lecturer:

HTML: <https://validator.w3.org/>

CSS: <https://jigsaw.w3.org/css-validator/>

These tools assisted me in correcting my coding errors. The primary mistake I made was naming my images with spaces. Fortunately, thanks to the validators, I was able to identify this issue and resolve it by renaming the images without spaces, some other code that I had fixed, thanks to the validators, were the following:

- Missing alt attributes on <img>, (as I said before)
- Nested tags not closed properly
- Removed empty or unused tags

In the case of CSS, not many errors were found only that I had a typo which I then later fixed.

## Current Issues and Future Improvements

In general, I believe that there are not many issues with the overall website, as everything I intended to implement and create functions as expected. But personally, I think for the future, I would add more links that would lead the viewer to the corresponding subject. For example, I would have also linked to the university's website, as well as having the information about it. I believe it would be beneficial to include both a dark mode and a light mode as well, as this would enhance accessibility for users.

To improve the organization of my CSS code, I aim to adopt a more consistent style. In some instances, I included comments, while in others, I did not. Additionally, I haven't arranged the style rules in alphabetical order, resulting in a lack of structure.

Overall, I am incredibly proud of the website's development. I have learned so much, especially compared to the last time I created a website, and I have made significant improvements.