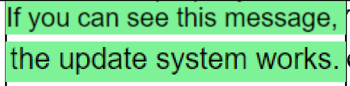
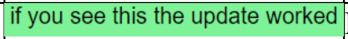
Description of test	Test data to be used (if required)	Expected outcome	Actual outcome	Comments and intended actions
(V1) Test images and links work as intended	N/A	See the logo image and switch between two pages	Links work, logo works, all good	This was the sole purpose of V1 – a working base to build from.
(V2) Test that CSS files are connected properly	N/A	CSS is applied to the homepage	Error in url_for, CSS is not displayed	The only real workaround for this is to completely change the folder structure to better suit Flask standards.
(V3) Test to see if get requests work when sent from a JS file	Sample request to /weather/content	The result of the operation performed in main.py is returned	GET requests cannot have a body	This means that, though it seems odd, any GET request that has a body must be a POST request even if it doesn't add anything.
(V3) Test to get location data and weather data to display	Simulated response from openweather and for location	Can see location and weather on website without devtools	Location works, weather works, even the openweather images, but 'Now' is at the end	Due to the nature of sending the JSON, 'Now' is moved to the end. To get around this, the section is now calculated and performed before entering the loop that does the rest.
(V3) Colour changing danger pollen rings	Force certain values to be sent from main.py, including standard and boundary data (erroneous cannot happen as there is normally no human interaction)	The pollen danger rings change colour to match the risk of the values shown	← works	The colours of these rings represent the risk for that day. It is important that these accurately change colour as the user is more likely to understand 'red = high risk' than '90ppm = high risk', especially as different types of pollen have different thresholds.

(V4) Contact page – can it send emails?	Use example reply email, name, subject and body	Email is received by the one listed in receiver.txt	Smtplib. SMTPAuthentication Error – Username and Password not accepted.	After a LOT of scrolling through Google's help and documentation, I found that the cause was that I needed an app password instead of a regular one. After generating one and adding it to sender.txt, it now works.

(V5) Can the contact email be changed in the admin panel?	Switch between college email and personal email	The email in receiver.txt is updated correctly	'in' condition cannot be used for a string in JavaScript	While the condition ('e' in 'hello') would work in Python, for JavaScript it can only work for a value in a list. This logic was being used to make sure the email has a '@' in it. The replacement is to use the indexOf function, which returns -1 if the character is not present. After this change it now works.
(V6) Blog creation	Example blog 1	A blog is added to the site	Error 500 response from main.py	When using Flask, all functions that handle requests **must** return a response or this happens. After adding the response, I noticed it was actually breaking because the blog post file did not exist, despite using open mode ‘x’ which *does* create the file. As it turns out, I had the overall path wrong, so it was easily fixed.
(V6) Load blogs – will they be in the correct order?	3 example blog posts created, output is logged to console	Output contains all 3 posts in the reverse creation order	Surprisingly, it works first try!	← This is not entirely true, as the log function that was being used didn't actually display the response at first – it had no arguments. However, after that change I was able to test the function I was actually trying to – and it all works.
(V7) Is the update blog system working?	Edit example post 3 with 'If you can see this message, the update system works'	On the blog page, example post 3 has this message	 If you can see this message, the update system works.	There is however still one thing missing. The editor in the admin page changes to be able to edit a post, but can't change back! After this change is implemented this will be the end of Version 7. Extra note – upon double-checking I noticed the post has been duplicated, where one has the edit. Clearly the timestamp isn't being applied, as

				there are now 4 blog files with 4 different timestamps. So it doesn't actually work fully after all.
(V7) Attempt 2 at the above	See above (slight change in the message)	See above	 if you see this the update worked And there's only one version this time	It seems the issue was being caused by the new way the timestamp was put into effect. By declaring the timestamp variable from within the if statement that checks if creating or updating, it was unable to be used outside of the if statement where it was needed. So, the fix was to declare it outside of the if statement and then assign a new value inside.