


## Web Development, Task 4

1.

Tested Action	GitHub Commit ID	Expected Output	Actual Output	Pass/Fail	Notes
Click on navigation buttons (Adopt a Pet, Pet Profiles, etc.)	a0c410f	Redirect to selected page	Redirect successful	Pass	All buttons linked correctly
Click on logo	a0c410f	Homepage reloads	Homepage reloads	Pass	Logo redirect working as intended
Fill form fields (Adopt a Pet)	a4e7983	Fields show user input	Inputs displayed in field	Pass	Placeholder and field validation tested
Click Submit button (Adopt a Pet page)	a4e7983	"Form submitted" message	No message shown	Fail	Incorrect or missing action attribute in the HTML <form> tag. Fixed by adding a placeholder action="#" or linking to a handling page.
Click "Meet Me" button (Pet Profiles page)	a4e7983	Adoption form appears	Form appears	Pass	Form loads and works
Click "More Stories" (Success Stories page)	e9a77cc	More stories displayed	No extra stories loaded	Fail	Needs separate page or anchor link
Fill in Name, Contact Number, Email, Message (Contact Us page)	2f83444	Fields show user input	Fields correctly show user input	Pass	Placeholder and field validation tested
Click Submit button (Contact Us)	2f83444	"Form submitted" message"	No message shown	Fail	Incorrect or missing action attribute in the HTML <form> tag. Fixed by adding a placeholder action="#" or linking to a handling page.

2. HTML Validation

Purpose of Validation: To find any errors that may cause issues in outputs.



Markup Validation Service  
Check the markup (HTML, XHTML, ...) of Web documents

Validate by URI

Validate by File Upload

Validate by Direct Input

Validate by direct input

Enter the Markup to validate:


```
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
  <span class="navbar-toggler-icon"></span>
</button>

<!-- Navigation buttons -->
<div class="collapse navbar-collapse" id="navbarSupportedContent">
  <ul class="navbar-nav mx-auto mb-2 mb-lg-0 nav-buttons">
    <li class="nav-item">
      <a class="nav-link mx-2 px-4" href="adoptpage.html">Adopt a Pet</a>
    </li>
  </ul>
</div>
```

[More Options](#)



Check

This validator checks the [markup validity](#) of Web documents in HTML, XHTML, SMIL, MathML, etc. If you wish to validate specific content such as [RSS/Atom feeds](#) or [CSS stylesheets](#), [MobileOK content](#), or to [find broken links](#), there are [other validators and tools](#) available. As an alternative you can also try our [non-DTD-based validator](#).




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## Nu Html Checker

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

### Showing results for contents of text-input area

Checker Input

Show

☒ source

☐ outline

☐ image report

Options...

Check by

text input

☒ CSS

```
</li>
</ul>
</div>
</div>
</nav>
</div>
</header>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.4/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-YueZLzesAffltw+PEao0ztjU/QAtaW/r0itAq67e0CT0Zi2VVRl0oC4+gAoeKu"
  crossorigin="anonymous"></script>

</body>
</html>
```

Check

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

Message Filtering

Document checking completed. No errors or warnings to show.

### Source

```
1. <!DOCTYPE html>
2. <html lang="en">
3.
4. <head>
5.   <meta charset="UTF-8">
6.   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7.   <title>Home 4 Paws</title>
8.   <!-- Bootstrap CSS -->
```


Tool Used: W3C HTML Validator

Method: Manually user inputted the code in order to validate the HTML

Result: No errors found

Comment: The HTML Code and structure was clean, and all tags were properly closed.

## CSS Validation

**The W3C CSS Validation Service**  
W3C CSS Validator results for TextArea (CSS level 3 + SVG)


[Jump to:](#) [Warnings \(2\)](#) [Validated CSS](#)

**W3C CSS Validator results for TextArea (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="https://jigsaw.w3.org/css-validator/check/referer">
    
    </a>
  </p>
```



```
<p>
  <a href="https://jigsaw.w3.org/css-validator/check/referer">
    
    </a>
  </p>
```

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




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If you like, you can develop 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 page.

[Deutsch](#) [English](#) [Español](#) [Français](#) [한국어](#) [Italiano](#) [Nederlands](#) [日本語](#) [Polski](#) [Português](#) [Русский](#) [العربية](#) [Svenska](#) [Български](#) [Українська](#) [Celtina](#) [Romanian](#) [Magyar](#) [Ελληνικά](#) [हिन्दी](#) [简体中文](#)

**CSS Validation Service**  
Check Cascading Style Sheets (CSS) and (X)HTML documents with style sheets

[By URI](#) [By file upload](#) [By direct input](#)

**Validate by direct input**

Enter the CSS you would like validated:


```
@import url('https://fonts.googleapis.com/css2?family=Lora:ital,wght@0,400..700;1,400..700&display=swap');
@import url('https://fonts.cdnfonts.com/css/arial-mt');

/* Background as a base for the page */
.background-image {
  background-image: url('../images/backgroundimage.svg');
  background-size: cover;
  height: 100%;
  width: 100%;
  position: absolute;
}

/* Navbar container for Navigation menu */
```

[More Options](#)

[Check](#)




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**Note:** If you want to validate your CSS style sheet embedded in an (X)HTML document, you should first [check that the \(X\)HTML you use is valid](#).

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Tool Used: W3C CSS Validator

Method: Manually user inputted the code in order to validate the CSS

Result: No errors found

Comment: The CSS was well formatted and uses good properties and values.

3.

Current issues of my website insist of the following:

a. "More Stories" button does not work

Issue: Clicking the "More Stories" button does not load more stories

Cause: More content and cards were not created

Remedy: Creating more content and more cards

b. Form "Submit" buttons do not show confirmation message

Issue: When clicking "Submit", no confirmation message such as, "Form submitted successfully" pops up.

Cause: JavaScript was not used in my project, which I did not have the needed knowledge of.

Remedy: Gain needed knowledge of JavaScript.

Further Improvements:

1. Create a "Thank You" Message Form submissions

- After form is submitted, users are shown a thank you message pop up when they confirm both submission forms.
- This would give the user feedback and feel more complete

## 2. Adding hover effects to images

- Add hover effects to the "Pet Profiles" Cards which would show information about each pet. Such as, name, age and pet hobbies.
- This would make the website more engaging and interactive.

## 3. Adding a Website Footer

- Add a website footer including the website contact details, location and organization rating.
- This would help the user have more contact ways if needed.