

University of Lincoln

Web Authoring :Critical log

CMP1130M Web Authoring (RESIT)

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Website Url: <https://goldhugo.github.io/Pinkfloyd.github.io/Index.html>

Video Demo Url: <https://goldhugo.github.io/Pinkfloyd.github.io/demo.html>

Web Standards

Web standards are the formal, non-proprietary standards and other technical specifications that define and describe aspects of the World Wide Web. This allows web developers to create fluid, responsive and modern websites while keeping them compatible with older browsers. They manage the HTML (Hyper text mark-up language) to provide structure to these documents, improve multimedia capabilities and allow use across different devices. In HTML5 they are incorporating features like video playback and drag-and-drop that have been previously dependent on third-party browser plug-ins like flash. CSS (cascading style sheet) adds styling to the HTML elements. Using CSS allows the website to load faster as it is linked externally to the site. The standards for CSS recommend that layout-specific features in HTML will be phased out and replaced by stylesheets, creating a simpler and more structural World Wide Web. These are all done by the W3C. The World Wide Web Consortium (W3C) is an international industry consortium dedicated to "leading the Web to its full potential". It's led by Tim Berners-Lee, the inventor of the Web. Founded in 1994, the W3C has more than 330 member organizations - including Microsoft, America Online, Apple Computer, Adobe, Macromedia, Sun Microsystems, and a variety of other hardware and software manufacturers, content providers, academic institutions, and telecommunications companies. The issue with the standards is that if the website is not updated with the standards, it can lead to websites losing functionality of their sites if they don't keep up with standards from the W3C. It can lead to security issues as out-of-date elements will be less secure than the new elements so easier to take data from the site. Another disadvantage is that web developers have to keep up with the web standards and learning new elements which can take a lot of time.

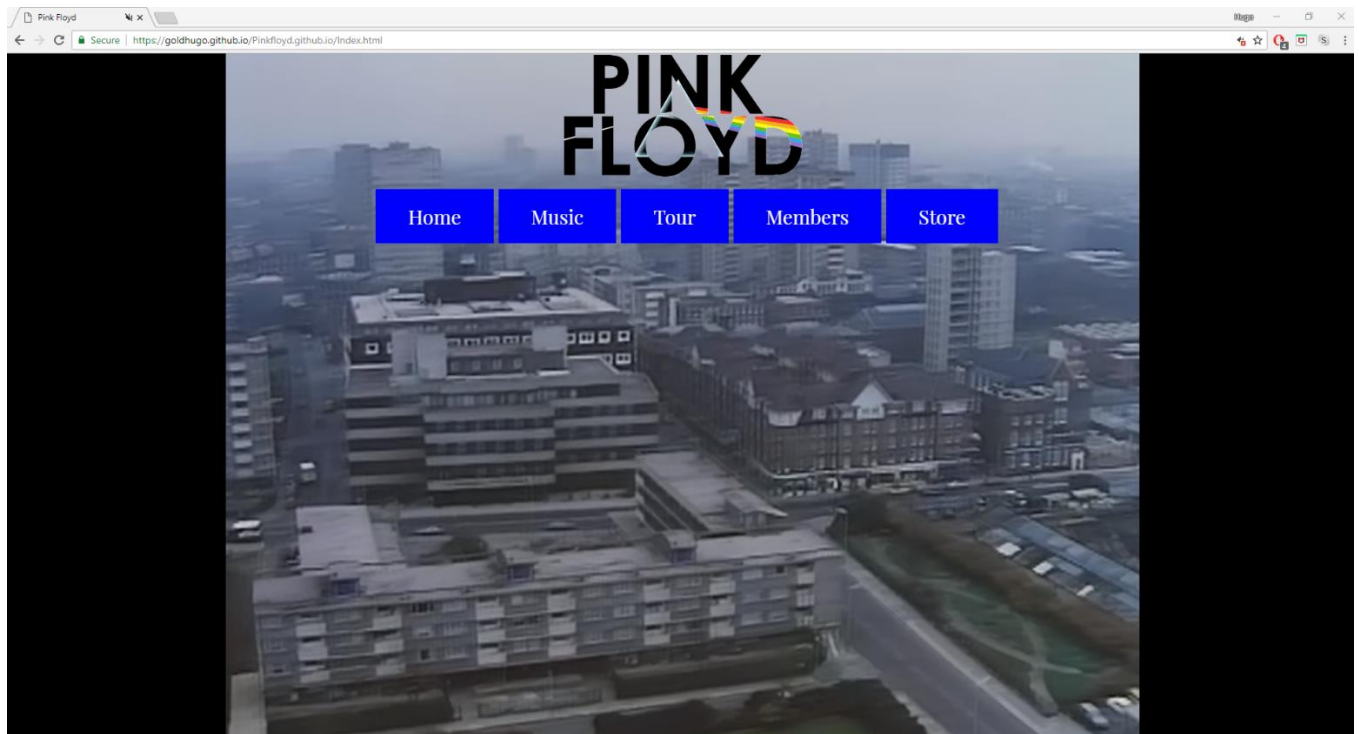
Interoperability

Interoperability is required to reach many different people with different devices, each with different browsers, that might want to access a site. To make sure my website could reach as many people as possible I tested my website on 3 different browsers; Chrome, Fire Fox and Edge. Below are the pictures of the tests.

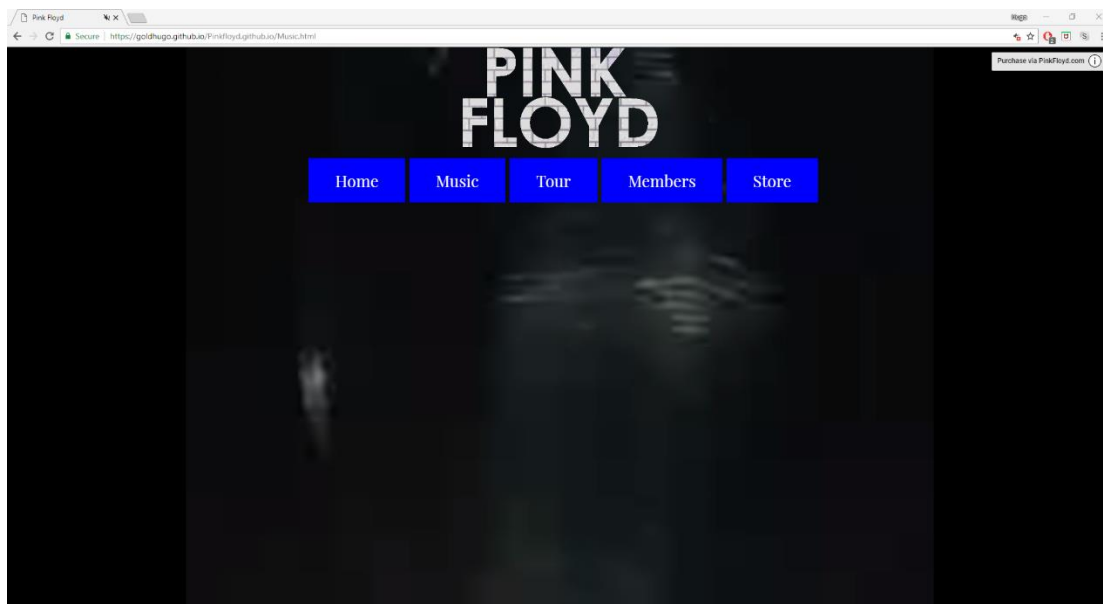
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Chrome

Index.html 1 picture

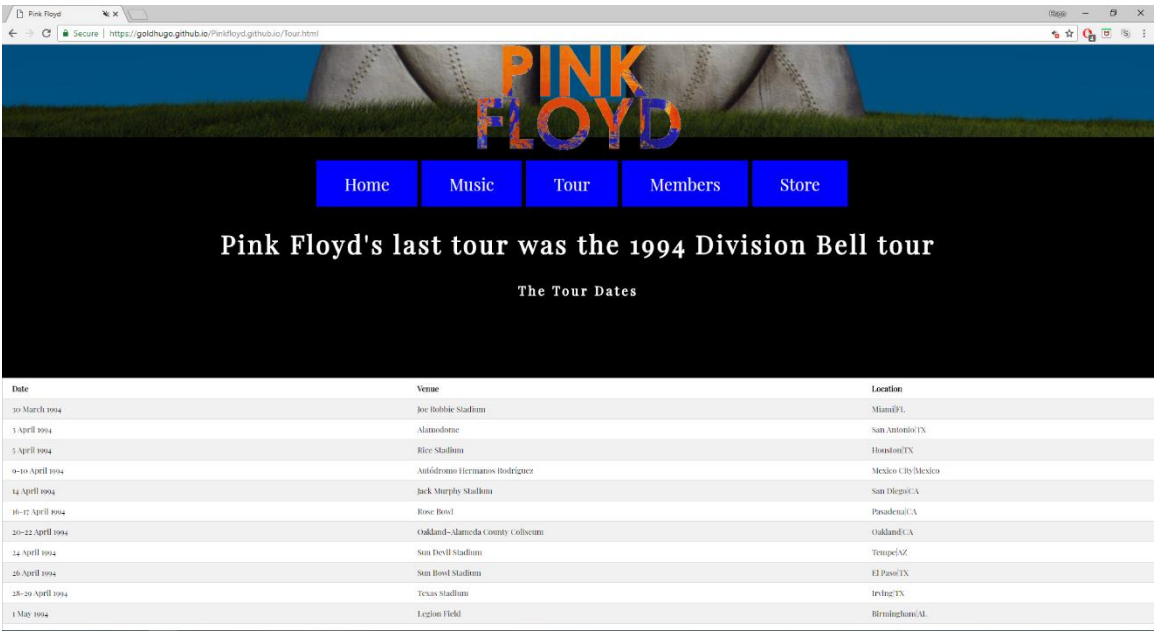


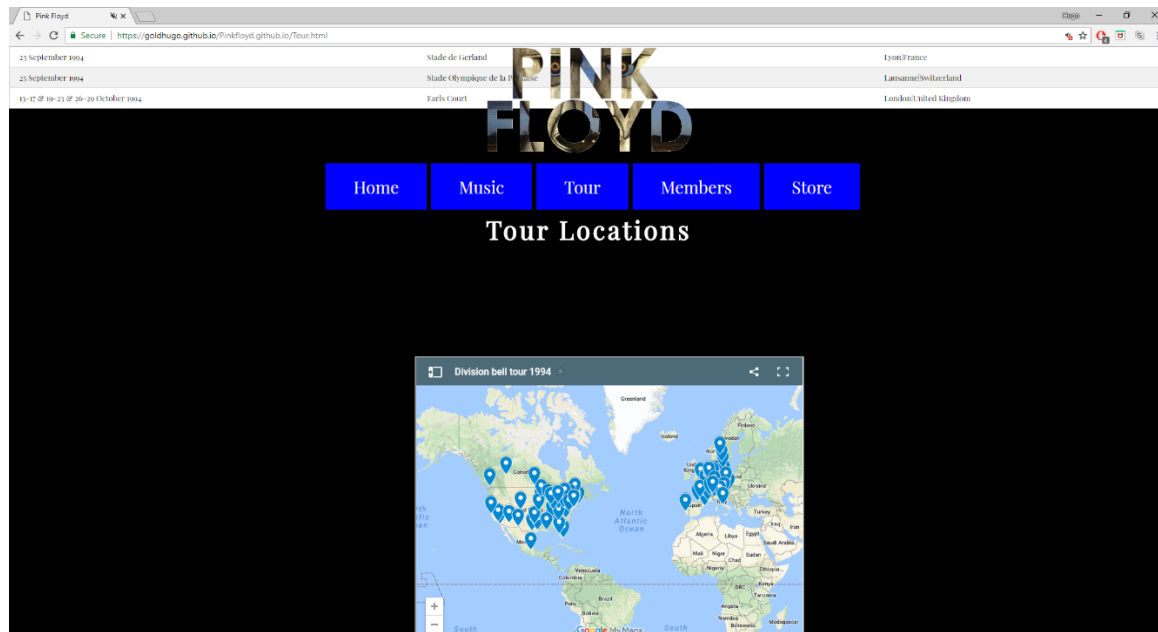
Music.html 2 pictures



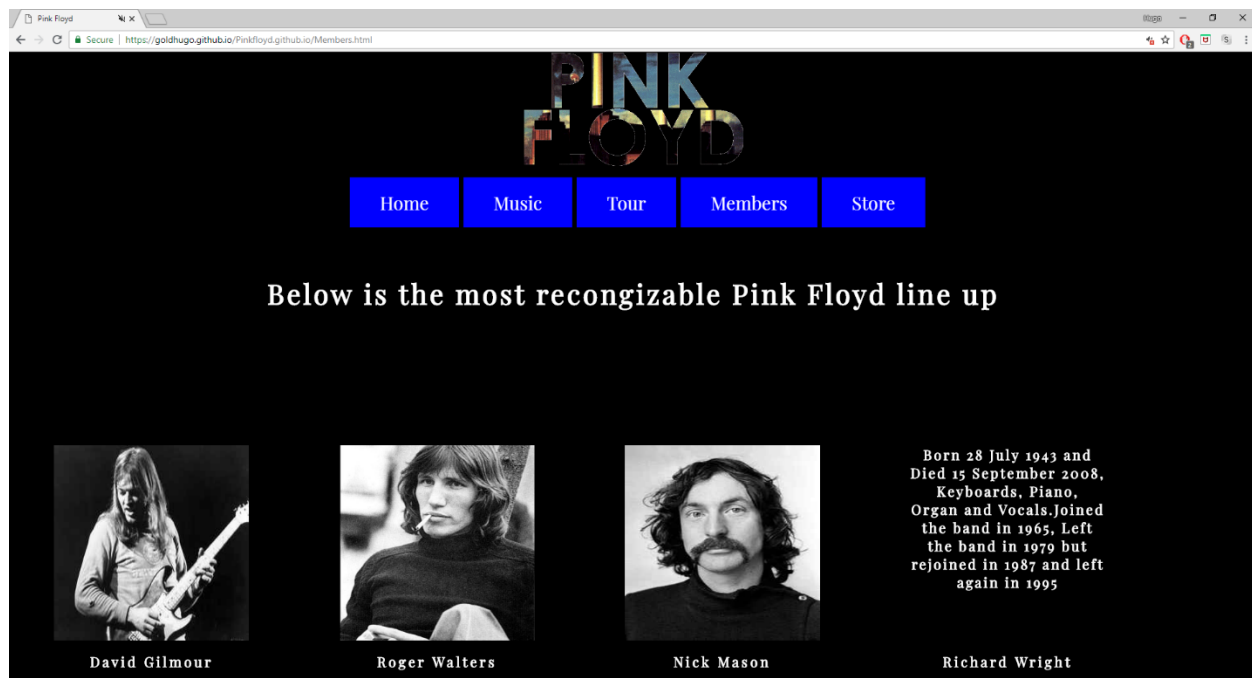


Tour.html 2 pictures



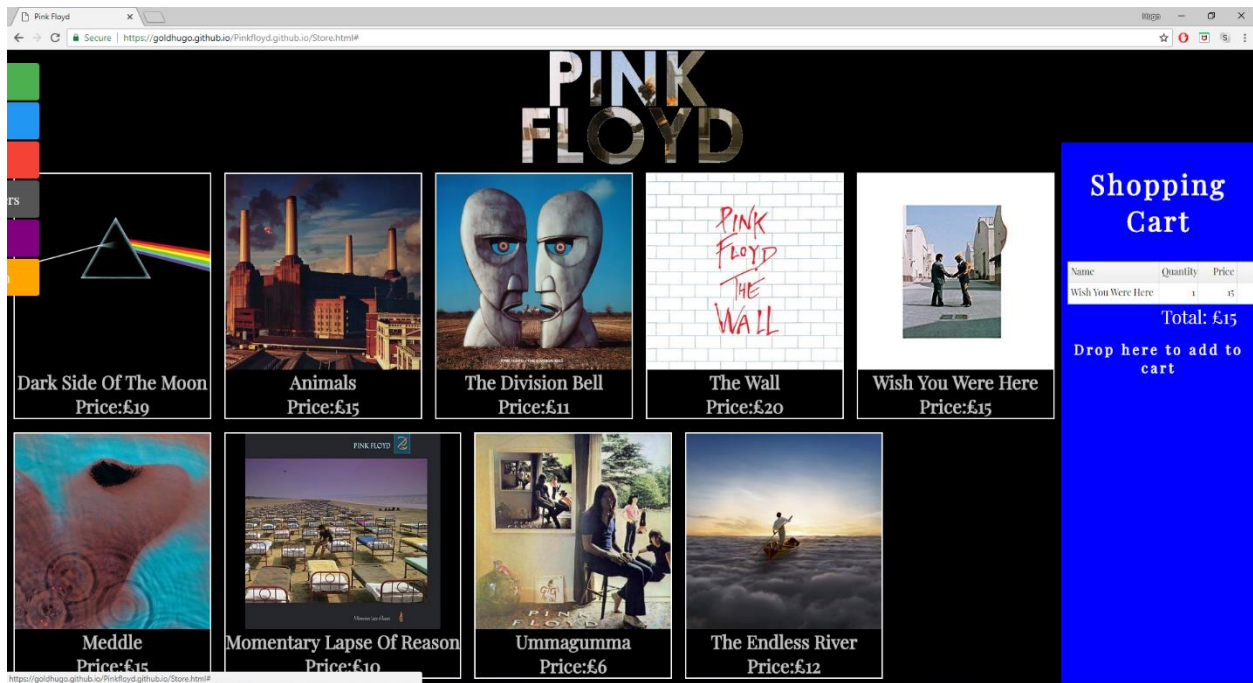


Members.html 1 picture (with one image flipped)

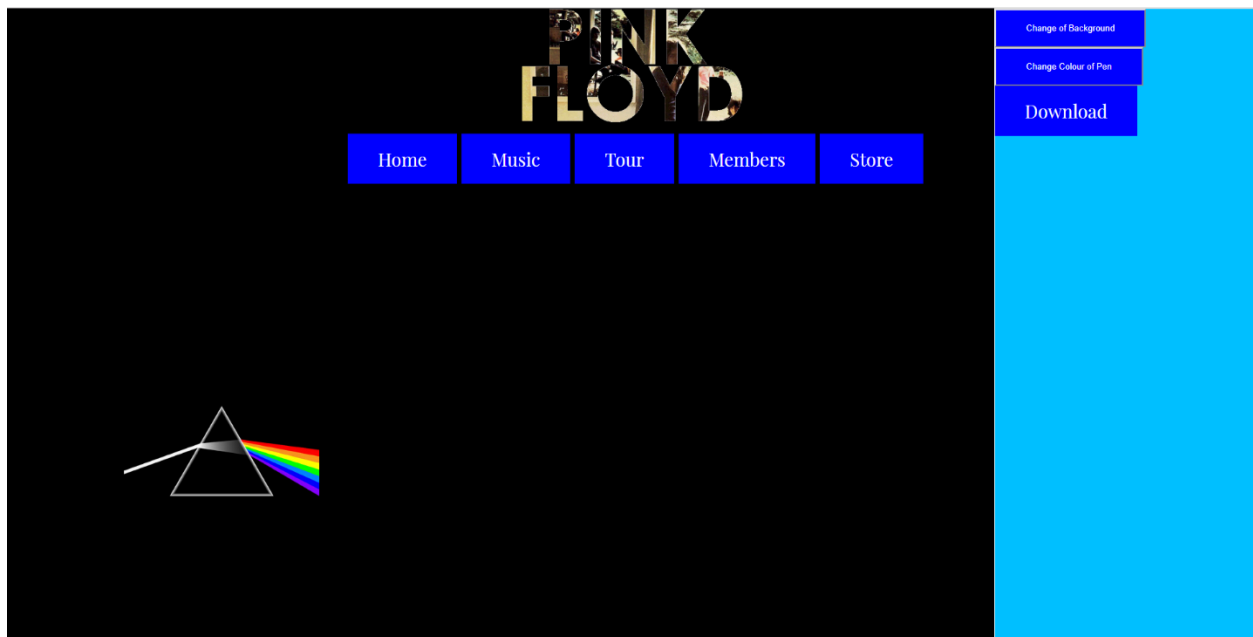


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Store.html 1 picture



Custom.html 1 picture



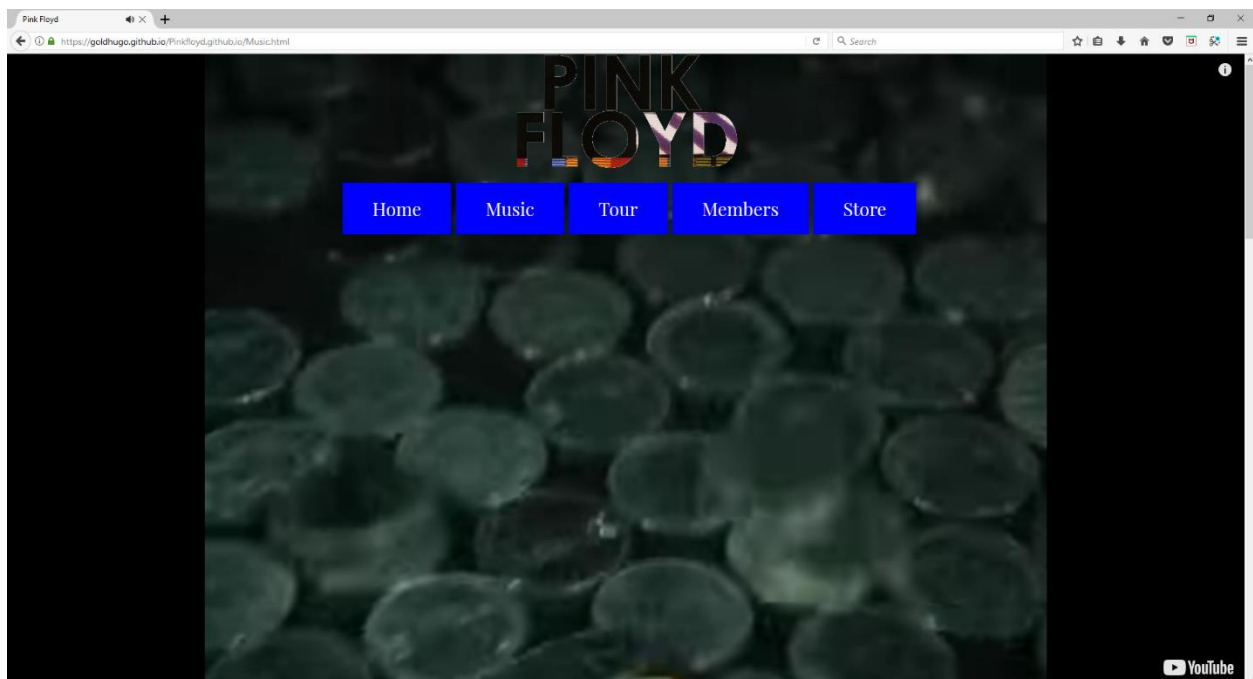
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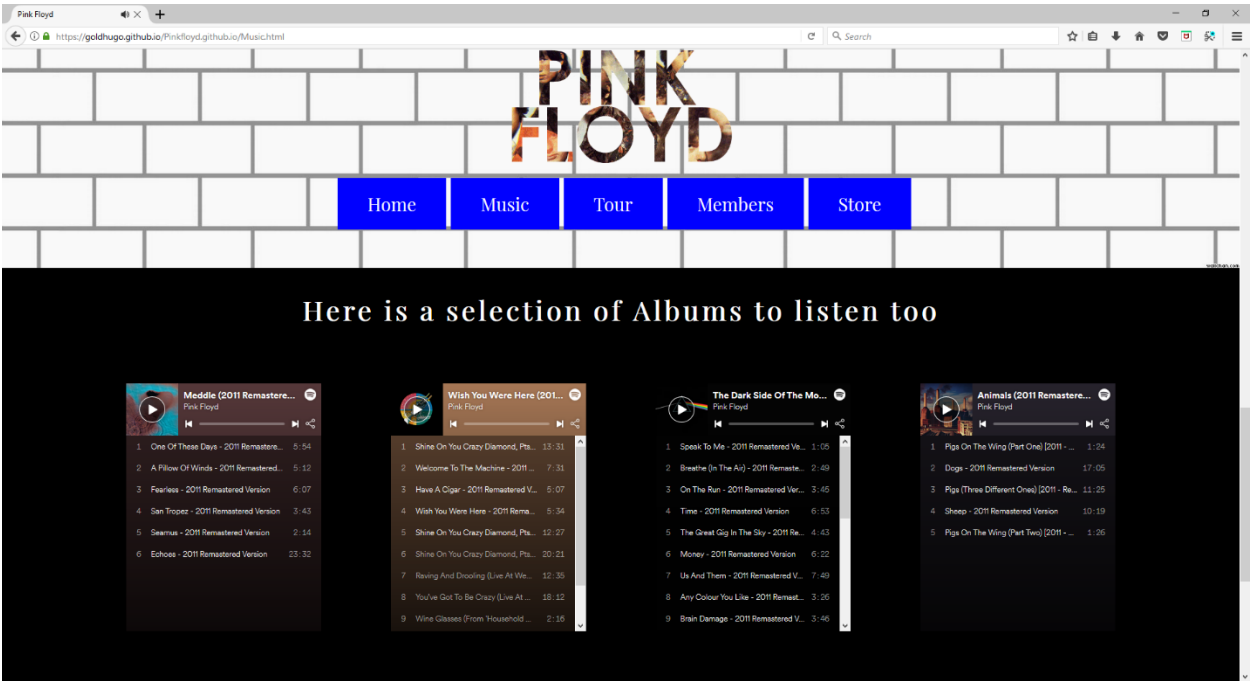
Fire Fox

Index.html

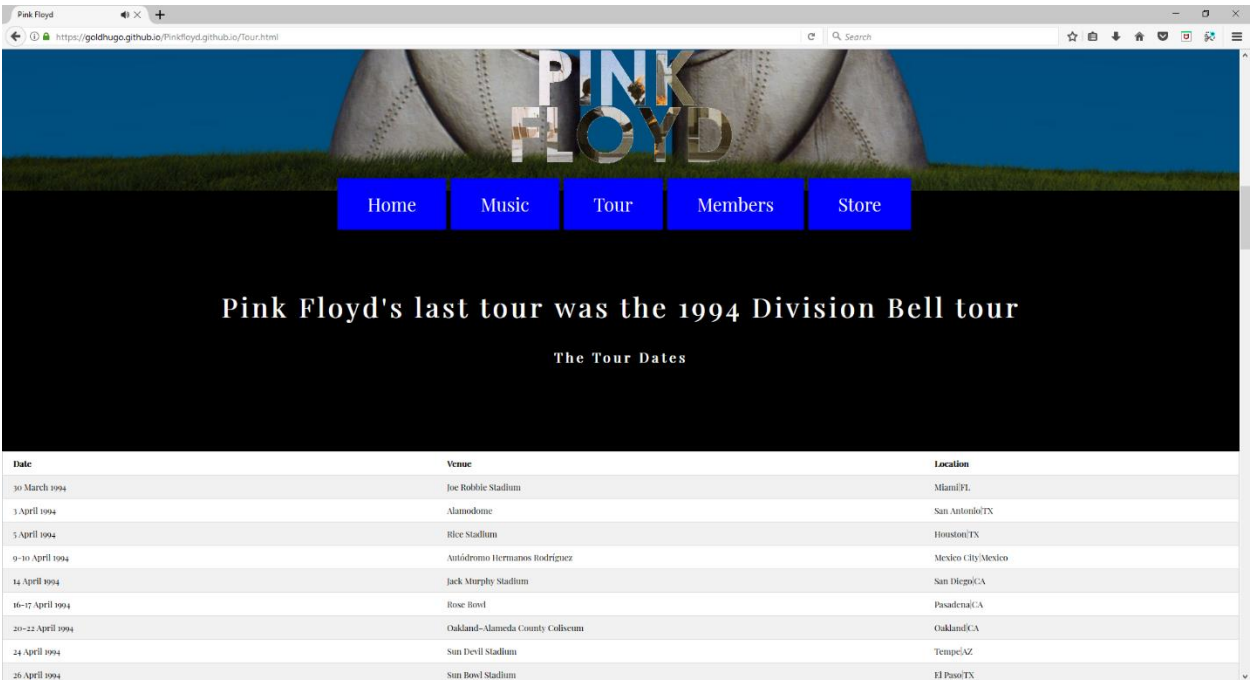


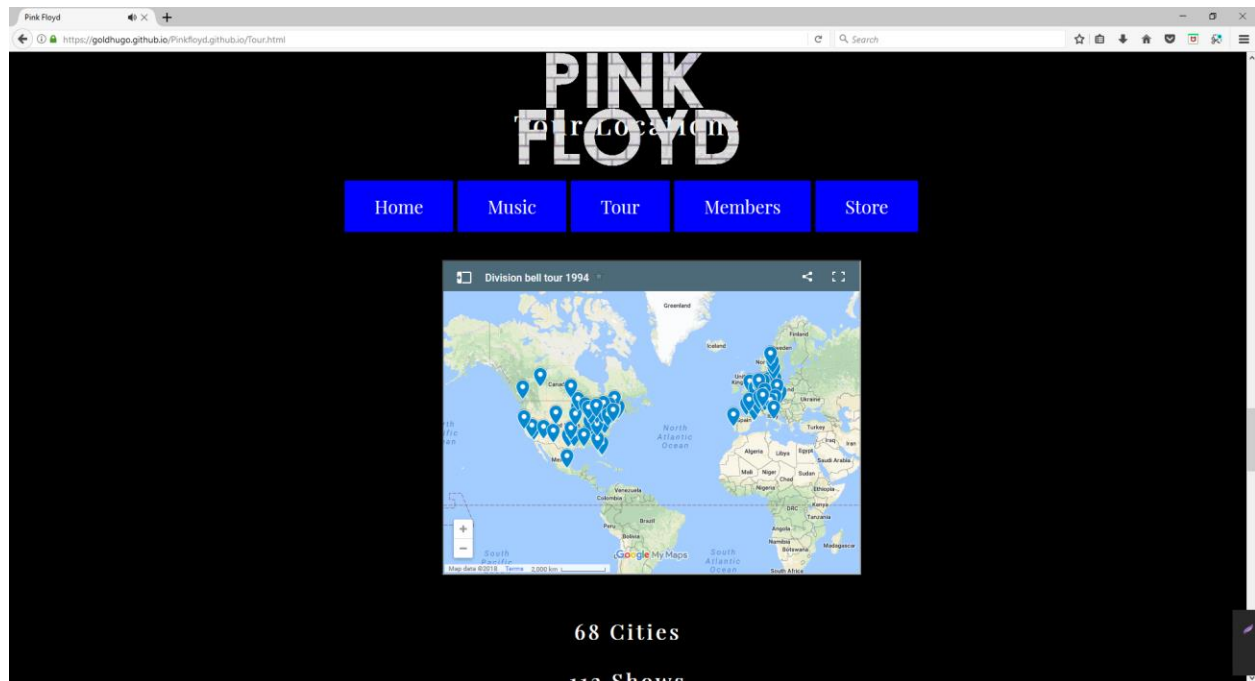
Music.html 2 pictures



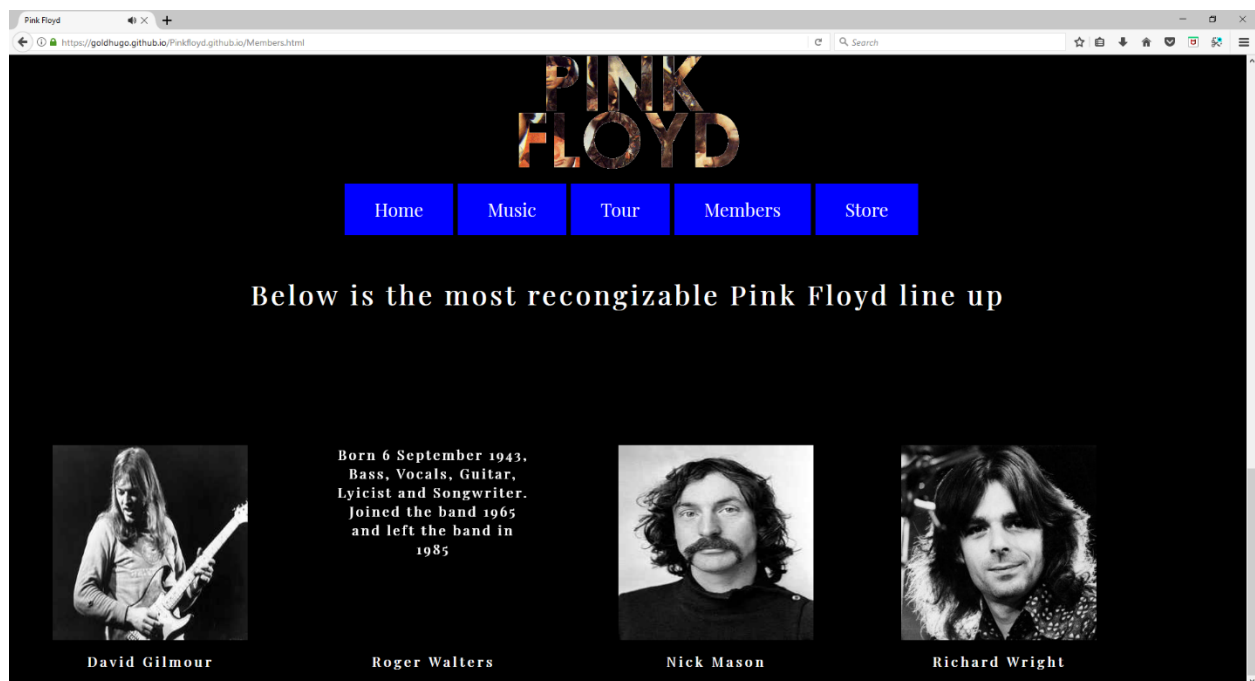


Tour.html 2 pictures



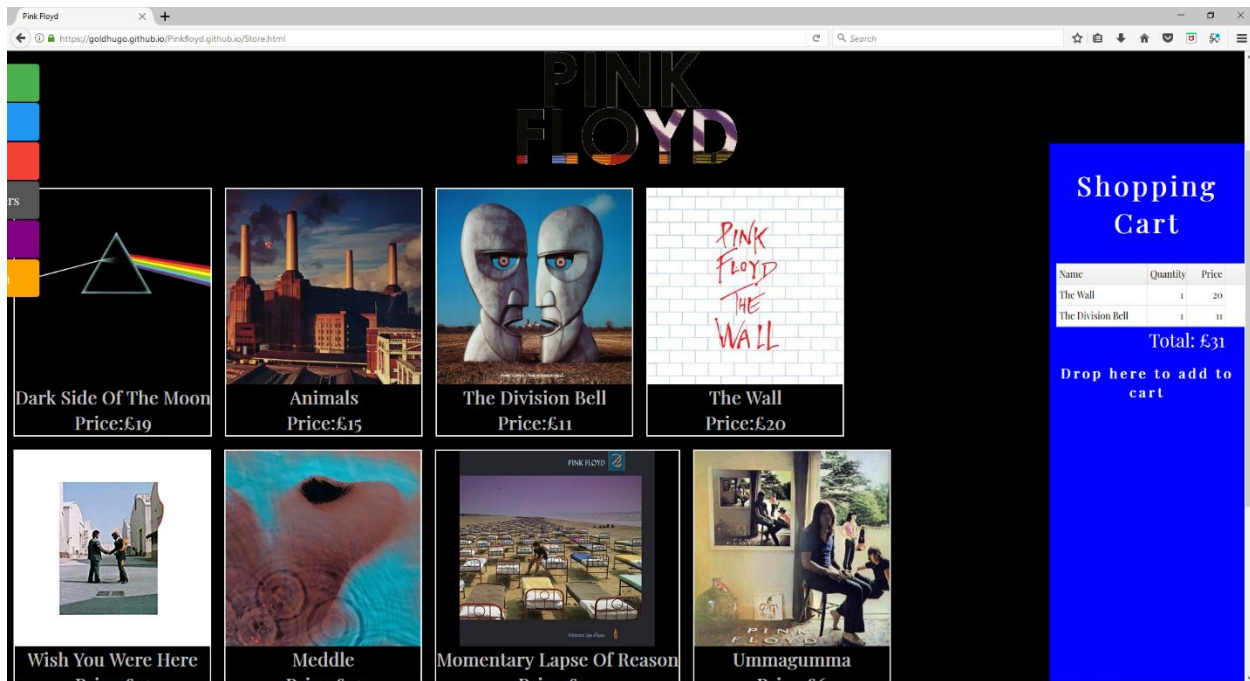


Members.html one picture(with one image flipped)

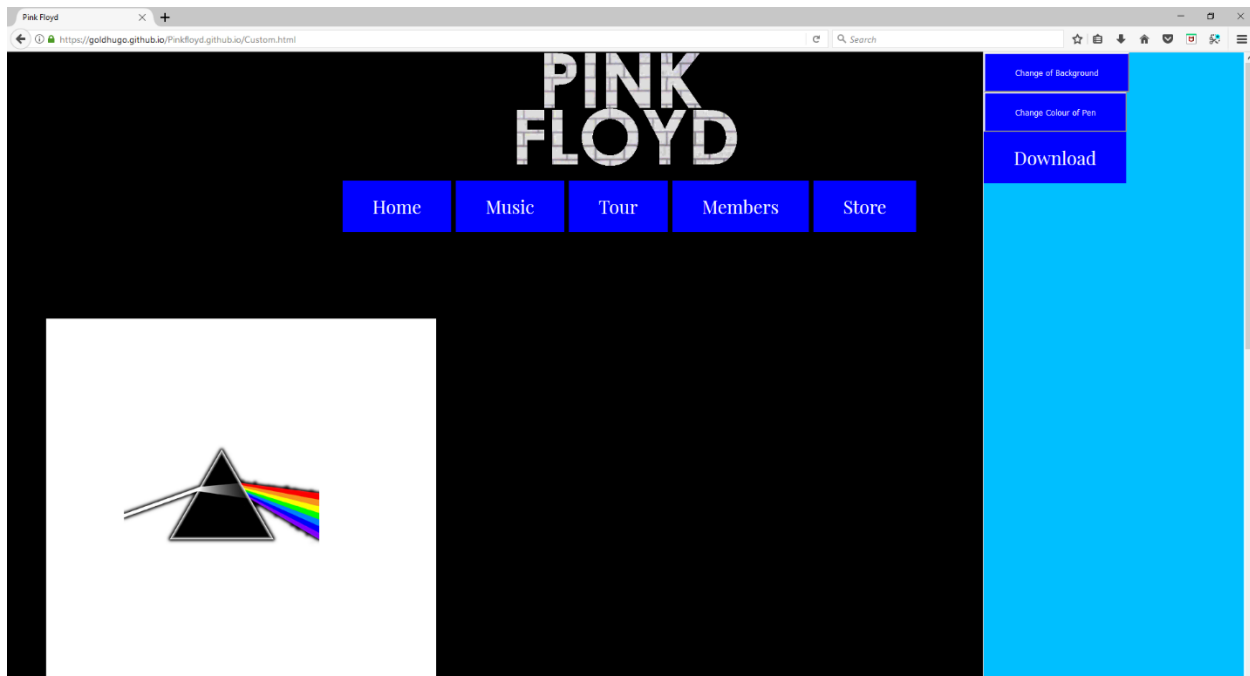


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Store.html 1 picture (some the items had moved down but drag and drop still works)



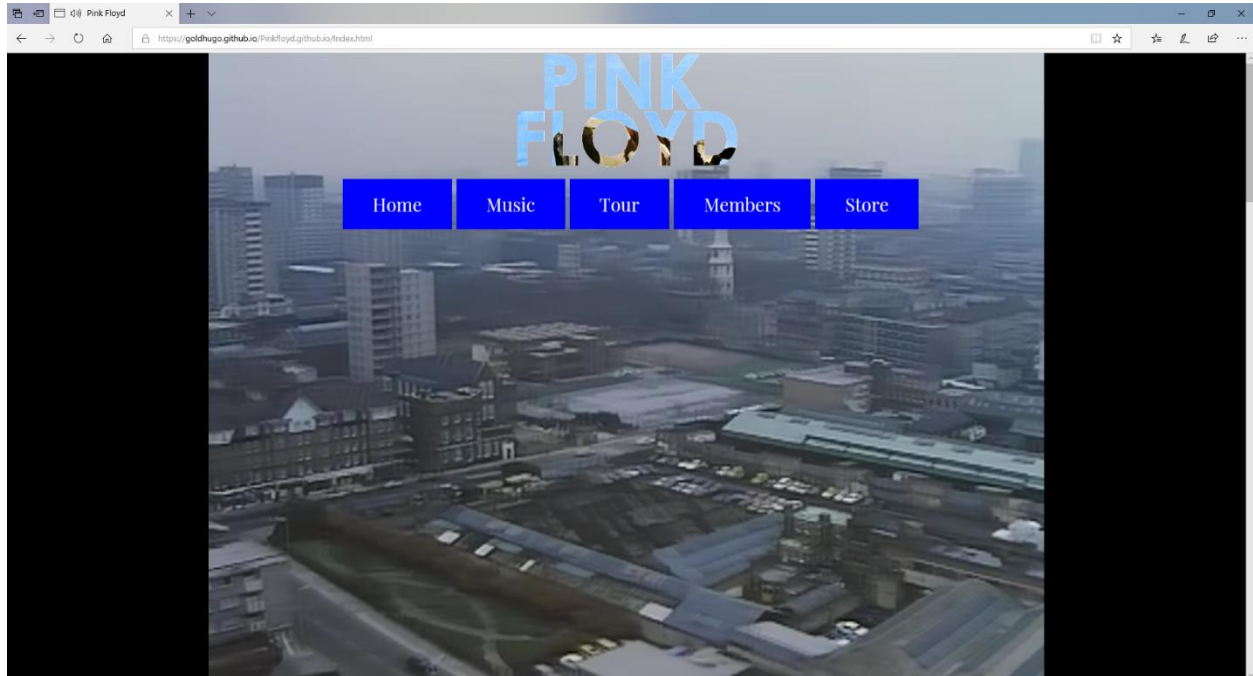
Custom.html 1 picture (background turned black)



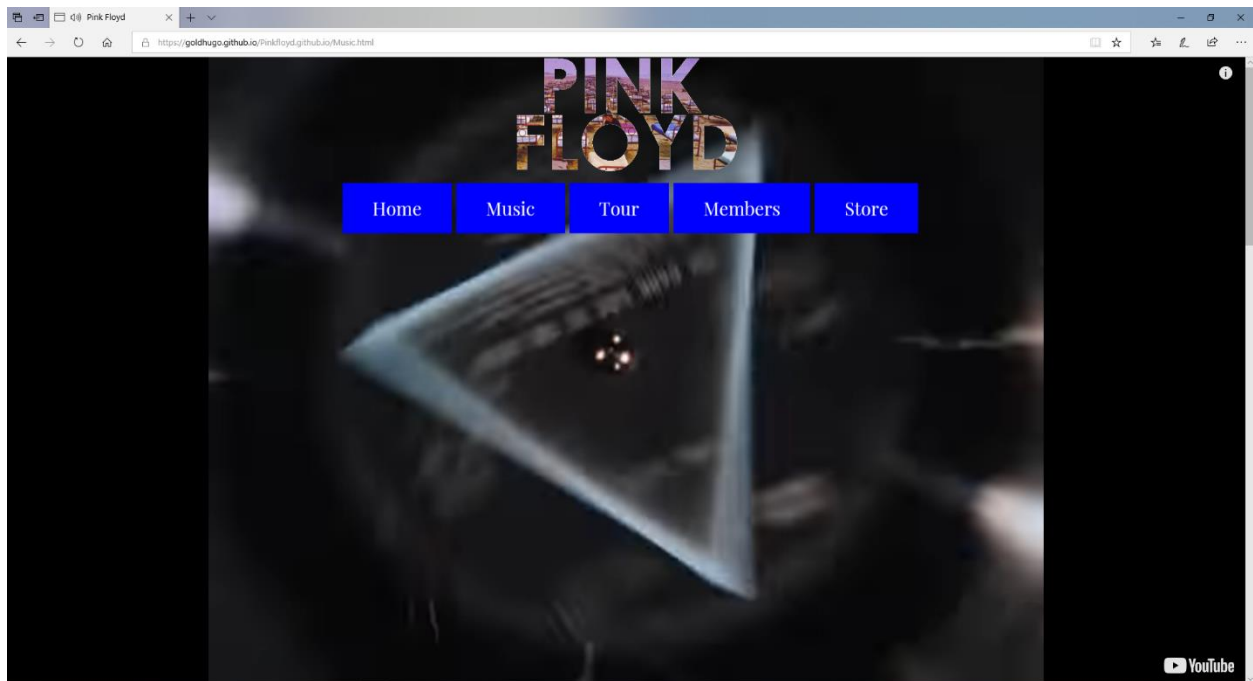
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Microsoft Edge

Index.html 1 picture

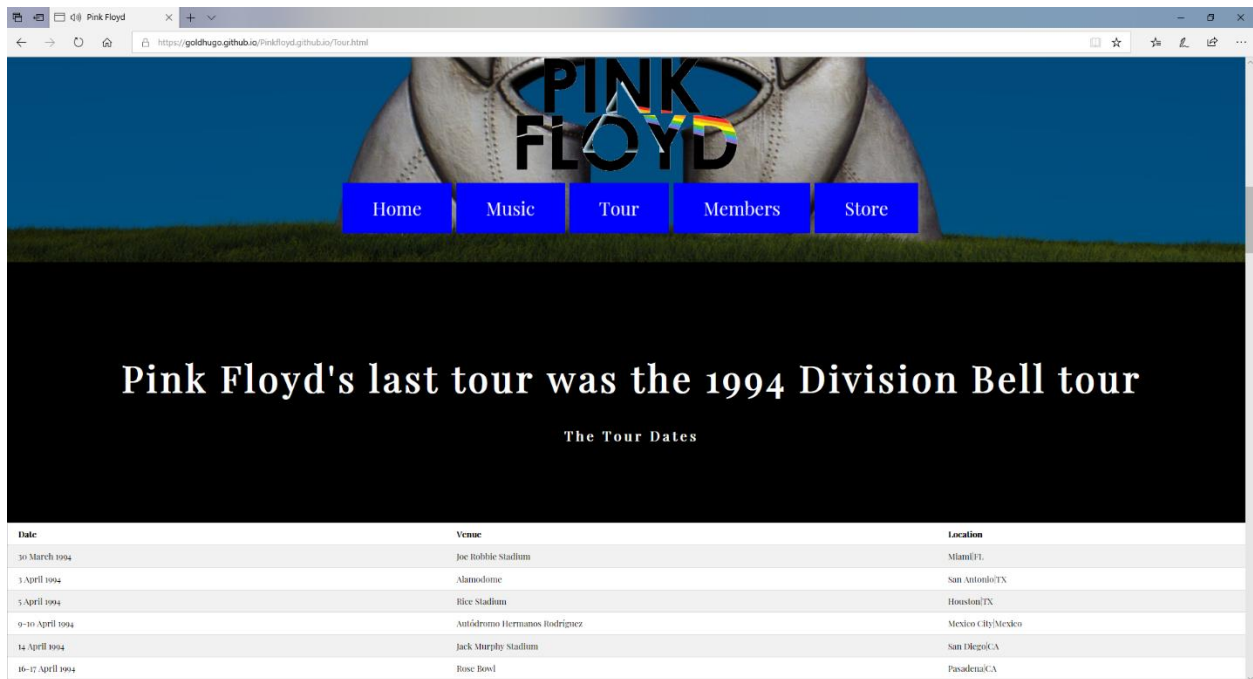


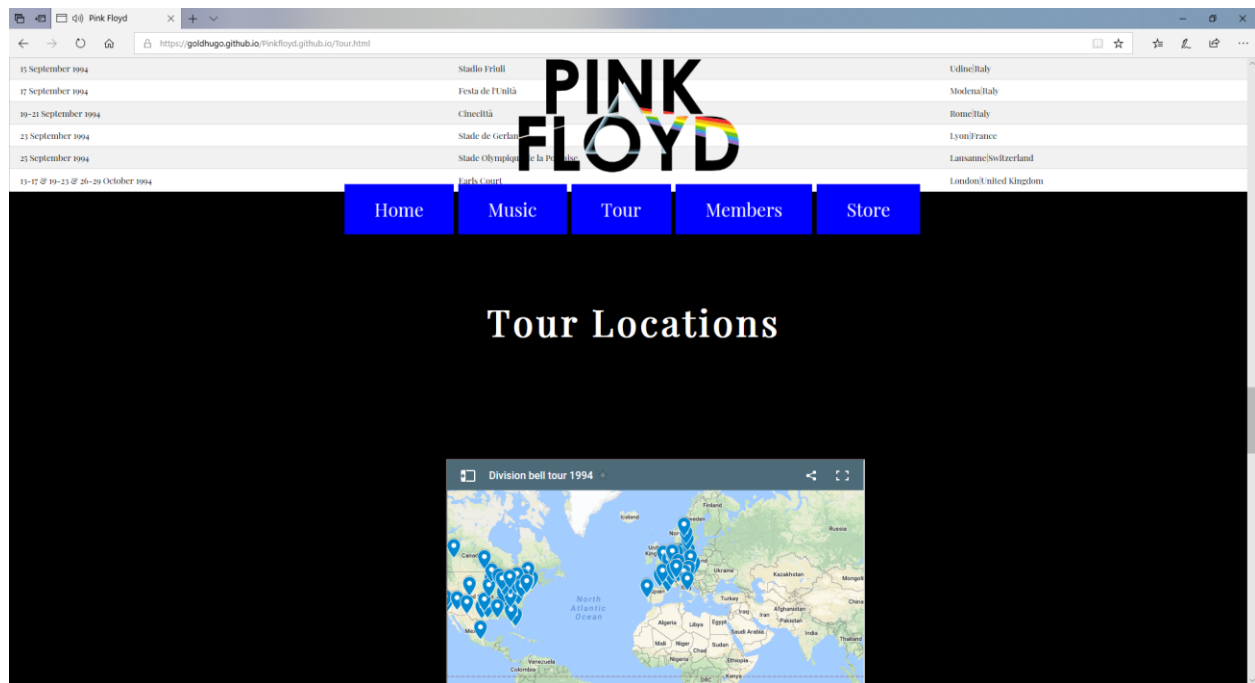
Music.html 2 pictures



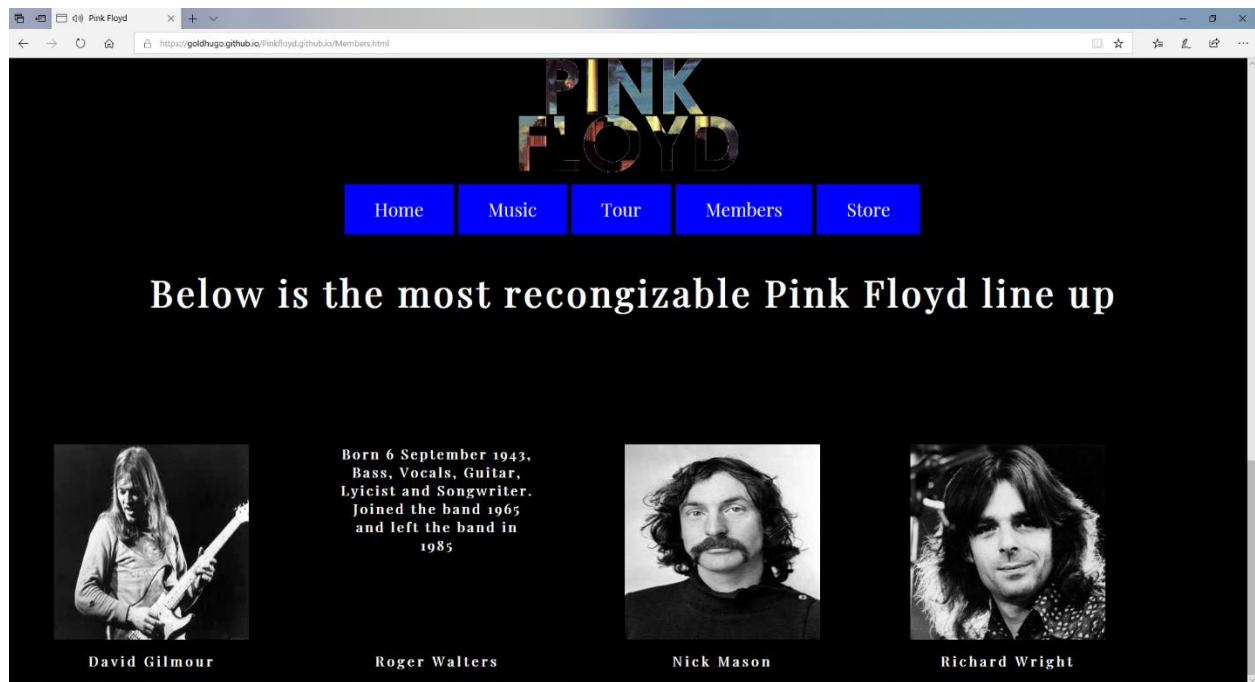


Tour.html 2 pictures



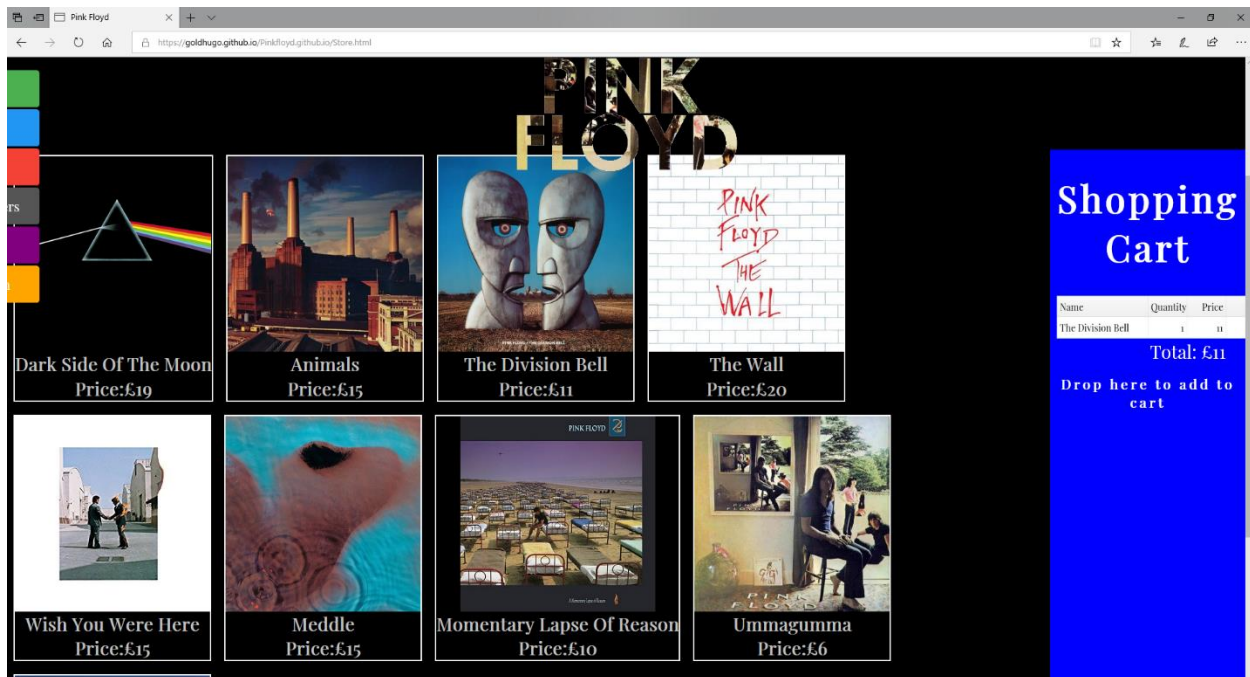


Members.html 1 picture (with one image flipped, animation was slower than the others but still worked)

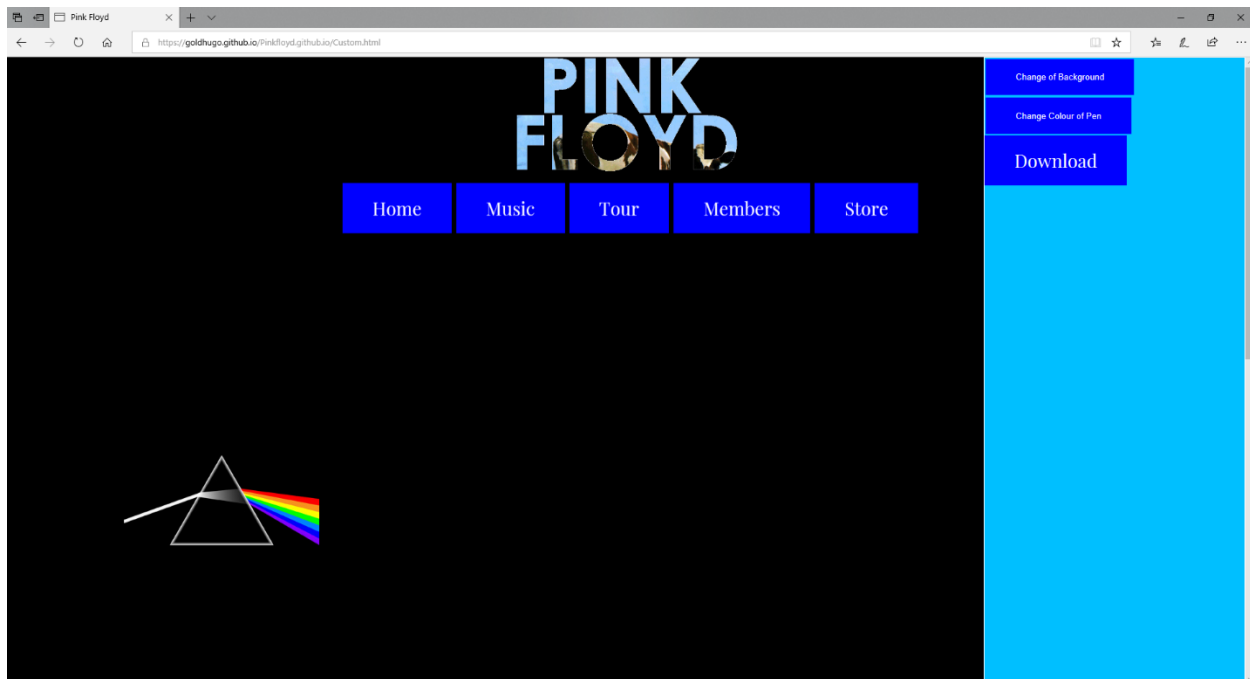


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Store.html 1 picture (items moved down and animation was slow but still worked)



Custom.html 1 picture

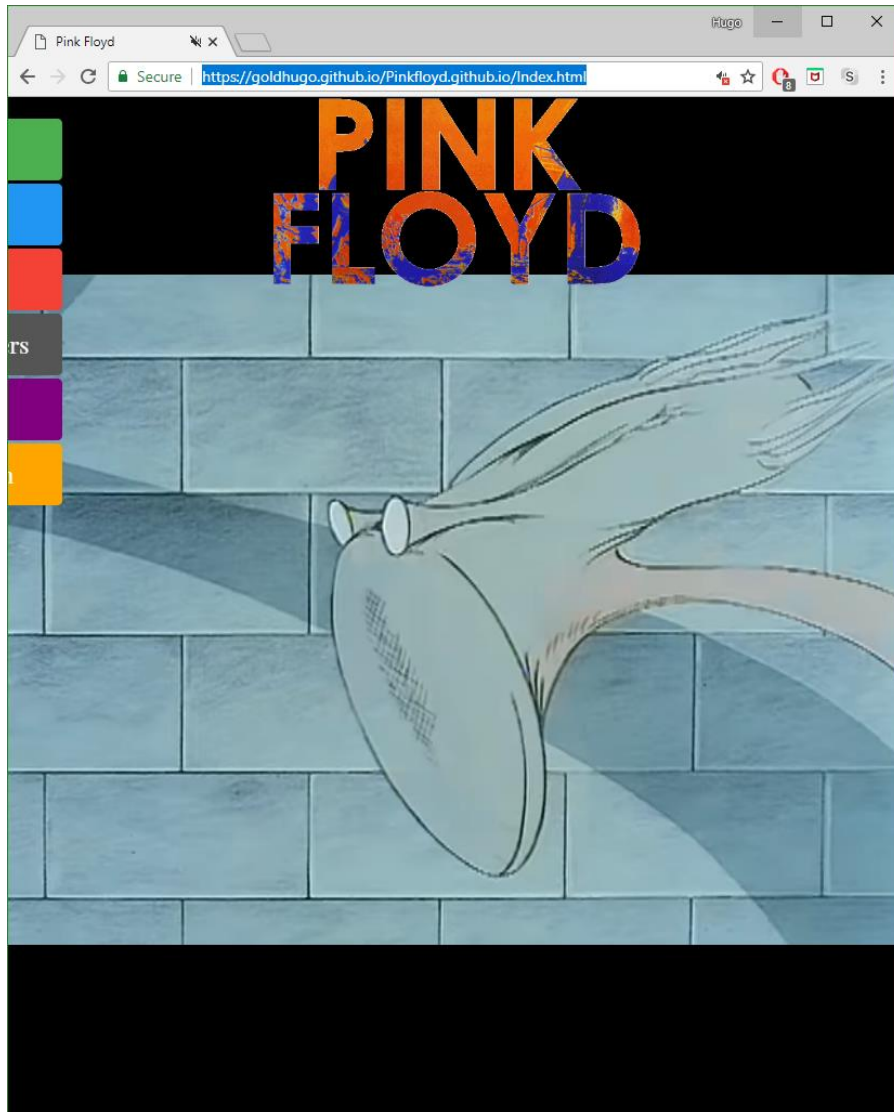


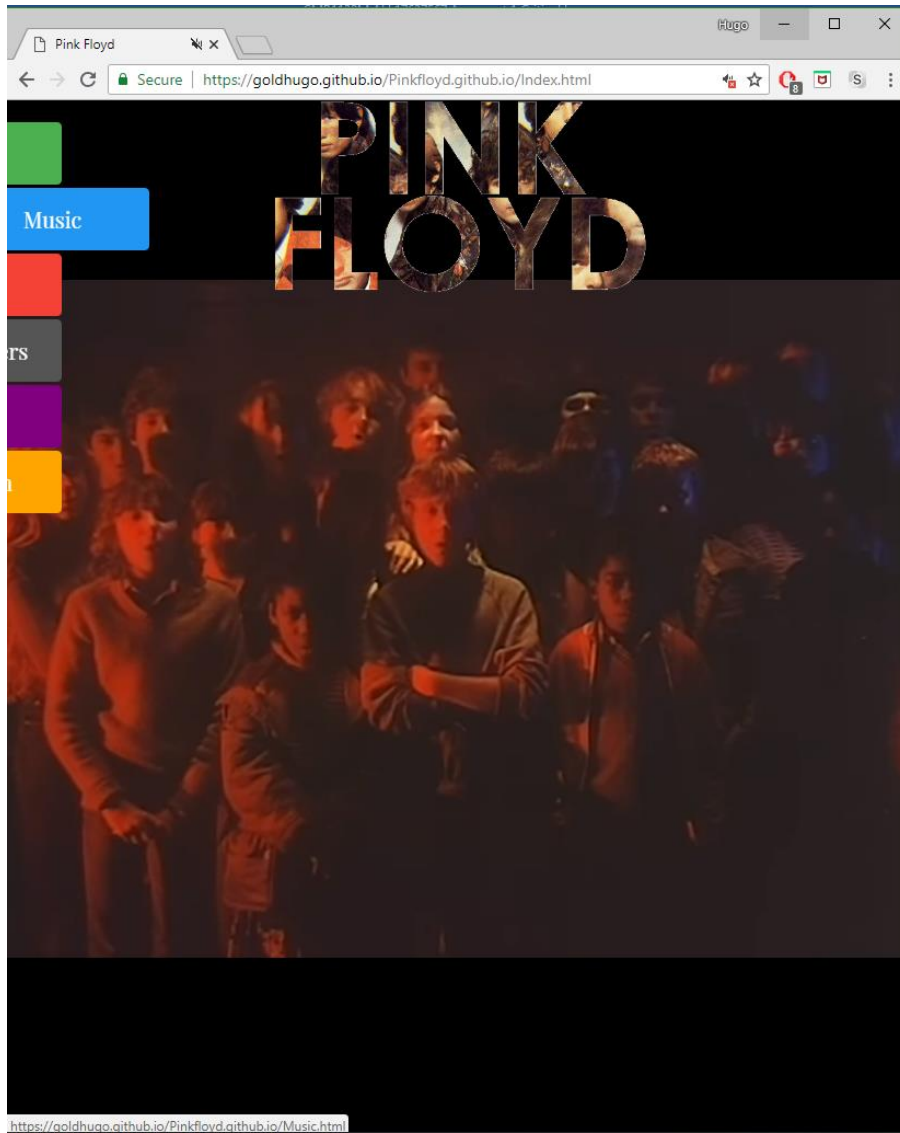
Responsive

Most of my site scales to the size of the viewing window and functions well. As time has gone on more and more people view web pages on mobile devices which have a lower resolution than desktop computers, so it is important that websites can adapt to the different sizes. Using CSS media queries which change CSS properties of elements when the size of the screen change. A example of this is the side bar as the normal nav bar doesn't fit on the screen of smaller devices so a side nav was built in. The side nav is hidden if the screen is over 900px but when the screen size goes below 900px the normal nav bar is hidden and the side bar is visible. When hovered over, it calls a jQuery to open the nav and also close it when the mouse moves away from it.

```
@media only screen and (min-width : 900px) {  
  
    .sidenav{  
        visibility: hidden;  
    }  
  
}  
  
@media only screen and (max-width : 900px) {  
    .navbar{  
        visibility: hidden;  
    }  
}
```

Index.html with side nav, open and closed





Validation

I put my webpages and CSS through the W3C validation tool to check for errors, the main errors were duplicate tags in the html, the requirement to have alt in the image tag as it is a new standard in HTML5 and using frame borders for the iframes which should be in CSS . With the CSS there one error where there was a parse error for using two classes and giving values at the same time. Below are the Validation for the whole site ;

Index.html

Nu Html Checker

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

Showing results for <https://goldhugo.github.io/Pinkfloyd.github.io/Index.html>

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by address

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

[Message Filtering](#)

Errors (8) · Hide all errors · Show all errors

- 1 ☒ Bad value `CSS\style.css` for attribute `href` on element `link`: Backslash ("\") used as path segment delimiter.
- 2 ☒ The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#) (2)
- 3 Duplicate ID `sec1`: (5) [Hide all](#) [Show all](#)
 - 3.1 ☒ Duplicate ID `sec1`: (2)
 - 3.2 ☒ Duplicate ID `cover`:
 - 3.3 ☒ Duplicate ID `coverpicture`:
 - 3.4 ☒ Duplicate ID `textone`:

Warnings (11) · Hide all warnings · Show all warnings

- 1 ☒ The `type` attribute is unnecessary for JavaScript resources.
- 2 ☒ Section lacks heading. Consider using `h2`–`h6` elements to add identifying headings to all sections. (4)
- 3 The first occurrence of ID `sec1` was here. (5) [Hide all](#) [Show all](#)
 - 3.1 ☒ The first occurrence of ID `sec1` was here. (2)
 - 3.2 ☒ The first occurrence of ID `cover` was here.
 - 3.3 ☒ The first occurrence of ID `coverpicture` was here.
 - 3.4 ☒ The first occurrence of ID `textone` was here.

4 ☒ Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.

Music.html

Nu Html Checker

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

Showing results for <https://goldhugo.github.io/Pinkfloyd.github.io/Music.html>

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by address

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

[Message Filtering](#)

Errors (25) · Hide all errors · Show all errors

- 1 ☒ Bad value `CSS\style.css` for attribute `href` on element `link`: Backslash ("\") used as path segment delimiter.
- 2 ☒ The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#) (17) [Hide all](#) [Show all](#)
 - 2.1 ☒ The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#) (9)
 - 2.2 ☒ The `allowtransparency` attribute on the `iframe` element is obsolete. [Use CSS instead](#) (8)
- 3 ☒ Duplicate ID `play`: (7)

Warnings (11) · Hide all warnings · Show all warnings

- 1 ☒ The `type` attribute is unnecessary for JavaScript resources.
- 2 ☒ Section lacks heading. Consider using `h2`–`h6` elements to add identifying headings to all sections. (2)
- 3 ☒ The first occurrence of ID `play` was here. (7)
- 4 ☒ Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.

1 **Warning** Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.
From line 1, column 17, to line 2, column 6
type `html`
`<html>`

Tour.html

Check by address

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

Message Filtering

Errors (20) · [Hide all errors](#) · [Show all errors](#)

- 1 ☒ Bad value `'CSS\style.css'` for attribute `href` on element `link`: Backslash ("`\`") used as path segment delimiter.
- 2 ☒ The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#) (4) [Hide all](#) [Show all](#)
 - 2.1 ☒ The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#) (3)
 - 2.2 ☒ The `allowtransparency` attribute on the `iframe` element is obsolete. [Use CSS instead](#)
- 3 Duplicate ID `link` (15) [Hide all](#) [Show all](#)
 - 3.1 ☒ Duplicate ID `sec1` (6)
 - 3.2 ☒ Duplicate ID `textone` (4)
 - 3.3 ☒ Duplicate ID `cover`
 - 3.4 ☒ Duplicate ID `coverpicture`
 - 3.5 ☒ Duplicate ID `sec2`
 - 3.6 ☒ Duplicate ID `texttwo`
 - 3.7 ☒ Duplicate ID `pulse`

Warnings (24) · [Hide all warnings](#) · [Show all warnings](#)

- 1 ☒ The `type` attribute is unnecessary for JavaScript resources.
- 2 ☒ Section lacks heading. Consider using `h2`–`h6` elements to add identifying headings to all sections. (7)
- 3 The first occurrence of ID `link` was here. (15) [Hide all](#) [Show all](#)
 - 3.1 ☒ The first occurrence of ID `sec1` was here. (6)
 - 3.2 ☒ The first occurrence of ID `textone` was here. (4)
 - 3.3 ☒ The first occurrence of ID `cover` was here.
 - 3.4 ☒ The first occurrence of ID `coverpicture` was here.
 - 3.5 ☒ The first occurrence of ID `sec2` was here.
 - 3.6 ☒ The first occurrence of ID `texttwo` was here.
 - 3.7 ☒ The first occurrence of ID `pulse` was here.
- 4 ☒ Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.

Members.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by address

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

Message Filtering

Errors (12) · [Hide all errors](#) · [Show all errors](#)

- 1 ☒ Bad value `'CSS\style.css'` for attribute `href` on element `link`: Backslash ("`\`") used as path segment delimiter.
- 2 ☒ The `frameborder` attribute on the `iframe` element is obsolete. [Use CSS instead](#)
- 3 ☒ An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#) (4)
- 4 Duplicate ID `link` (6) [Hide all](#) [Show all](#)
 - 4.1 ☒ Duplicate ID `portrait` (3)
 - 4.2 ☒ Duplicate ID `textp` (3)

Warnings (10) · [Hide all warnings](#) · [Show all warnings](#)

- 1 ☒ The `type` attribute is unnecessary for JavaScript resources.
- 2 ☒ Section lacks heading. Consider using `h2`–`h6` elements to add identifying headings to all sections. (2)
- 3 The first occurrence of ID `link` was here. (6) [Hide all](#) [Show all](#)
 - 3.1 ☒ The first occurrence of ID `portrait` was here. (3)
 - 3.2 ☒ The first occurrence of ID `textp` was here. (3)
- 4 ☒ Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.

Store.html

Check by address ▼

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

[Message Filtering](#)

Errors (19) · [Hide all errors](#) · [Show all errors](#)

- 1 ☒ Start tag seen without seeing a doctype first. Expected: `<!DOCTYPE html>`.
- 2 ☒ Bad value `CSS\style.css` for attribute `href` on element `link`: Backslash ("\") used as path segment delimiter.
- 3 ☒ An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#). (9)
- 4 ☒ Attribute `field` not allowed on element `tb` at this point. (3)
- 5 The `_____` attribute on the `_____` element is obsolete. [Use CSS instead](#). (5) · [Hide all](#) · [Show all](#)
 - 5.1 ☒ The `width` attribute on the `th` element is obsolete. [Use CSS instead](#). (3)
 - 5.2 ☒ The `align` attribute on the `th` element is obsolete. [Use CSS instead](#). (2)

Warnings (3) · [Hide all warnings](#) · [Show all warnings](#)

- 1 ☒ The `type` attribute is unnecessary for JavaScript resources. (2)
- 2 ☒ Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.

Custom.html

Check by address ▼

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

[Message Filtering](#)

Errors (3) · [Hide all errors](#) · [Show all errors](#)

- 1 ☒ Start tag seen without seeing a doctype first. Expected: `<!DOCTYPE html>`.
- 2 ☒ Bad value `CSS\style.css` for attribute `href` on element `link`: Backslash ("\") used as path segment delimiter.
- 3 ☒ An `img` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).

Warnings (5) · [Hide all warnings](#) · [Show all warnings](#)

- 1 ☒ The `type` attribute is unnecessary for JavaScript resources. (2)
- 2 ☒ The `color` input type is not supported in all browsers. Please be sure to test, and consider using a polyfill. (2)
- 3 ☒ Consider adding a `lang` attribute to the `html` start tag to declare the language of this document.


Style.css

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

Sorry! We found the following errors (1)

URI : style.css

395	.background-video, foreground-video	Parse Error [: .]
-----	-------------------------------------	---------------------

 The W3C validators are developed with assistance from the Mozilla Foundation, and supported by community donations. [Donate](#) and help us build better tools for a better web. [Flat: us!](#)

Warnings (2)

URI : style.css

22		<code>::-webkit-scrollbar</code> is an unknown vendor extended pseudo-element
324	#cartcontent	Same color for <code>background-color</code> and <code>color</code>

Valid CSS information












Web Standards in the Website

These are the standards which I identified that I used the most ;

- Logo and Nav Bar at the top of the page at all times
- Consisted font
- Consisted style: having a cover then text on each page and having a video background on each page
- Consisted color: Having the black back ground, blue boxes and white fond
- Indention of code
- File Structure

Below are is a example of this;

File Structure

Name	Date modified	Type	Size
 Assets	11-Jan-18 1:54 PM	File folder	
 CSS	11-Jan-18 1:54 PM	File folder	
 Font	11-Jan-18 1:54 PM	File folder	
 JS	11-Jan-18 1:54 PM	File folder	
 Custom	05-Aug-18 2:25 PM	Chrome HTML Do...	3 KB
 demo	05-Aug-18 12:54 P	Chrome HTML Do...	1 KB
 Index	05-Aug-18 2:18 PM	Chrome HTML Do...	4 KB
 Members	05-Aug-18 2:25 PM	Chrome HTML Do...	5 KB
 Music	05-Aug-18 2:25 PM	Chrome HTML Do...	4 KB
 Store	05-Aug-18 2:18 PM	Chrome HTML Do...	5 KB
 Tour	05-Aug-18 2:25 PM	Chrome HTML Do...	13 KB

References

Wasp Knowledge : https://archive.webstandards.org/edu_faq.html

W3C: <https://www.w3.org/>

Tutorials and references to code in building the website

Full screen YouTube video in background: <https://codepen.io/dudleystorey/pen/PZyMrd>

Drag and Drop Shopping cart : <https://www.jeasyui.com/tutorial/dd/dnd2.php>

Local Storage for Shopping cart: <https://codereview.stackexchange.com/questions/22711/localstorage-functions-for-website-shopping-cart>

3 column table: <https://wpsites.net/free-tutorials/3-column-table-html-css/>

Side nav bar: https://www.w3schools.com/howto/howto_css_sidenav_buttons.asp

Canvas free hand draw and on mobile: <https://codepen.io/mollyrd/pen/xGrYWx>

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