

Site URL:

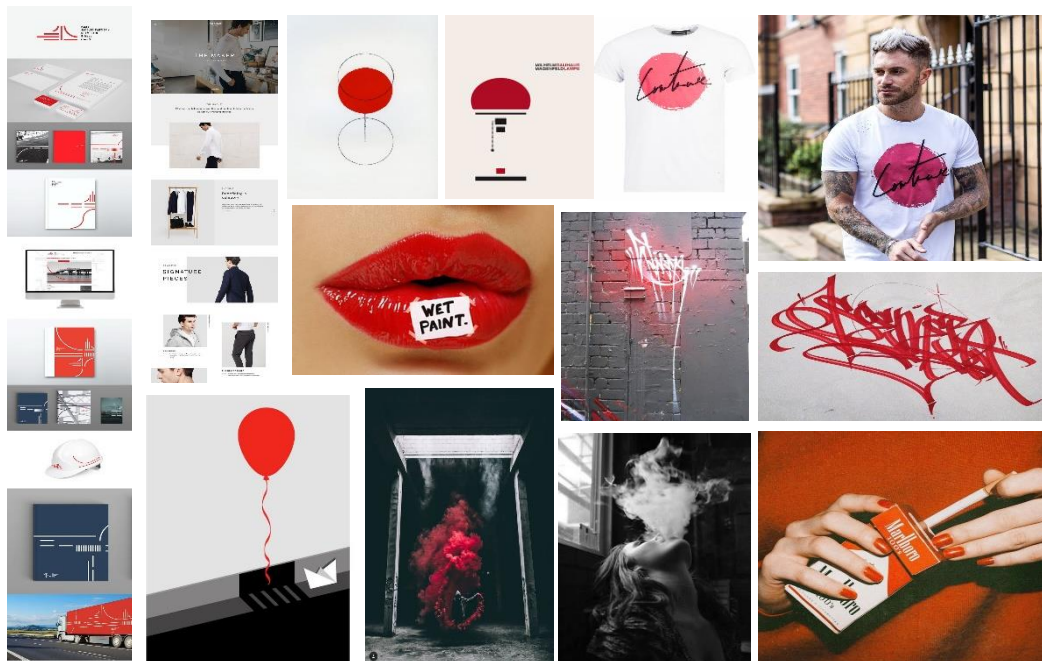
Video URL:

<https://youtu.be/hXrt-ltvmqQ>

Research

Mood board 1 :

Has consistent colour schemes, modern minimalistic designs for the most part

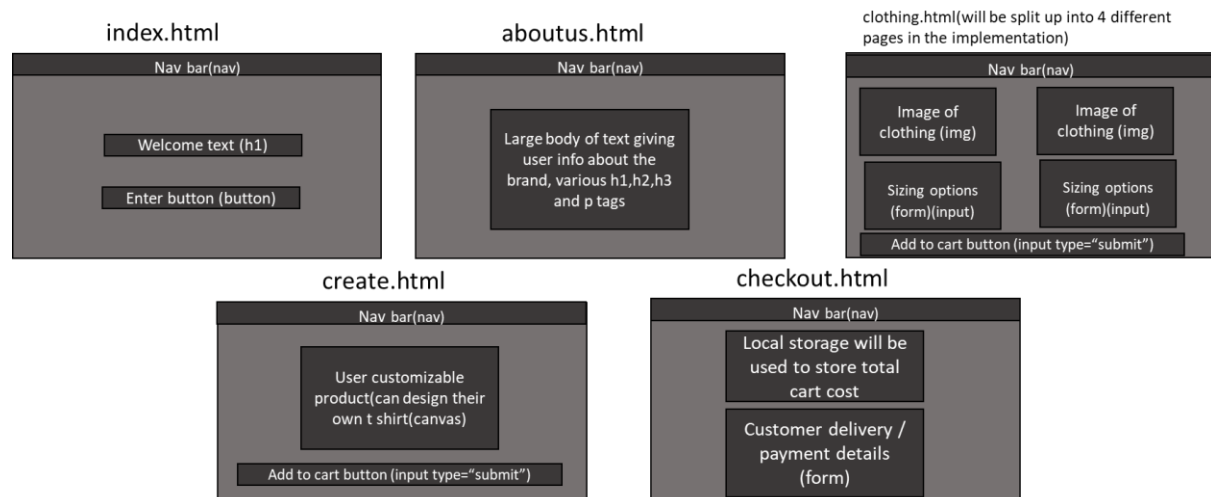


Mood board 2:

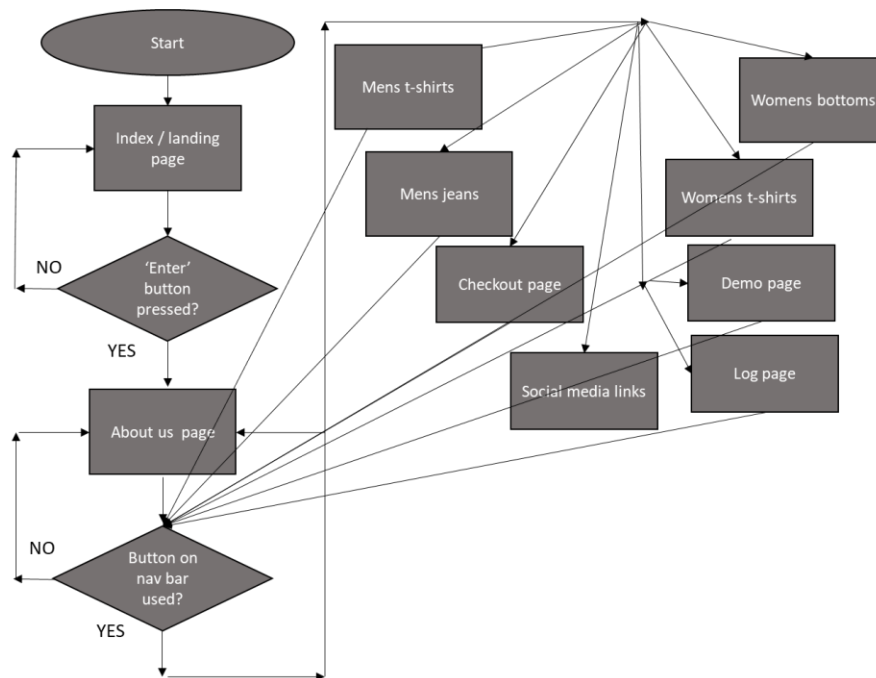
Modern, minimalistic. Thin font faces. Transparency to give illusion of fluidity in a web page.



Wireframe:



UX diagram:



Web standards

The W3C standards define an open web platform for application development that enables developers to build rich interactive experiences available on any device / data store. It is designed to deliver the greatest benefits to the greatest number of web users while ensuring the long-term viability of any document published on the web. Sites will continue to function correctly as new technologies enter the market.

Advantages:

- Forward compatibility therefore does not need to continuously update site to keep up with emerging technologies
- Cross platform therefore reaches a larger market
- Due to using a central CSS file (rather than in previous iterations where inline styles were used) all files are defined separately giving a consistent look and feel to a site.
- If a site conforms to W3C it will get a better search engine ranking
- Faster page loading
- XML uses human, easy to understand language
- DOM enables the site to be manipulated by any language / future language that may arise.

Disadvantages:

- Can often be very time consuming for developers and therefore expensive for businesses.

W3C testing in my application:

Index.html – no errors

Showing results for index.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 5 milliseconds.

Aboutus.html – no errors, just 1 warning that I have considered but is not relevant in regard to the full workings of my site

Showing results for aboutus.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 24, column 5; to line 24, column 42
ody>+...+< `<section class="background-container">`+...+<

Document checking completed.

Mens-shirts.html – no errors just warning previously discussed

Showing results for mens-shirts.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 25, column 5; to line 25, column 42
ody>+...+< `<section class="background-container">`+...+<

Document checking completed.

Mens-jeans.html – no errors

Showing results for mens-jeans.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 25, column 5; to line 25, column 42
ody>+...+< `<section class="background-container">`+...+<

Document checking completed.

Womens-shirts.html

Showing results for womens-shirts.html

Checker Input

Show

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 25, column 5; to line 25, column 42
`<section class="background-container">`

Document checking completed.

Womens-jeans.html – no errors

Showing results for womens-bottoms.html

Checker Input

Show

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 25, column 5; to line 25, column 42
`<section class="background-container">`

Document checking completed.

Create.html – no errors

Showing results for create.html

Checker Input

Show

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 72, column 9; to line 72, column 32
`<section id="paint-app">`

2. **Warning** Section lacks heading. Consider using `[h2]-[h6]` elements to [add identifying headings to all sections](#).
From line 24, column 5; to line 24, column 42
`<section class="background-container">`

Document checking completed.

Checkout.html – no errors

Showing results for checkout.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .html or .xhtml extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `<h2>` or `<h3>` elements to [add identifying headings to all sections](#).
From line 24, column 5; to line 24, column 42
ody>... `<section class="background-container">`... <

Document checking completed.

Demo.html – no errors

Showing results for demo.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .html or .xhtml extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `<h2>` or `<h3>` elements to [add identifying headings to all sections](#).
From line 24, column 5; to line 24, column 42
ody>... `<section class="background-container">`... <

Document checking completed.

Log.html – no errors

Showing results for log.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .html or .xhtml extensions are parsed using the XML parser.

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

1. **Warning** Section lacks heading. Consider using `<h2>` or `<h3>` elements to [add identifying headings to all sections](#).
From line 24, column 5; to line 24, column 42
ody>... `<section class="background-container">`... <

Document checking completed.

Used the HTML parser.

Clothing.style.css – no errors

Showing results for clothing-style.css

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .html or .xhtml extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Total execution time 6 milliseconds.

Landing.style.css – no errors

Showing results for landing-style.css

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .html or .htm extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Style.css

Showing results for style.css

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .html or .htm extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Also checked javascript syntax – no errors

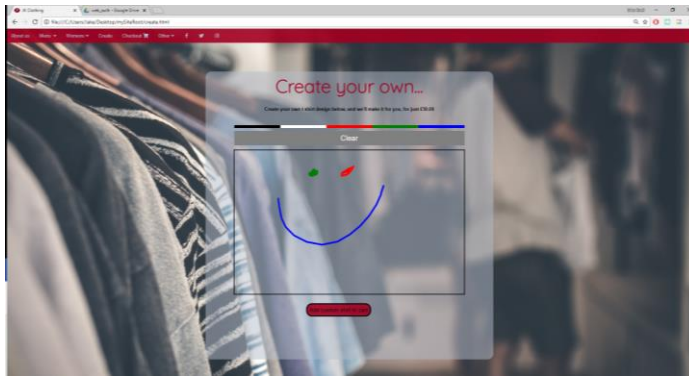
Syntax Validator checks for mistakes and errors

```
88 yPos = e.clientY - canvas.offsetTop;
89
90 if(down == true){
91     context.lineTo(xPos, yPos);
92     context.stroke();
93 }
94 }
95
96
97 /* swaps the drawing color by taking the specific color of the but
98 function changeColor(color){
99     context.strokeStyle = color;
100 }
101
102 /* clears the canvas */
103 function clearCanvas(){
104     context.clearRect(0, 0, canvas.width, canvas.height);
105 }
106
```

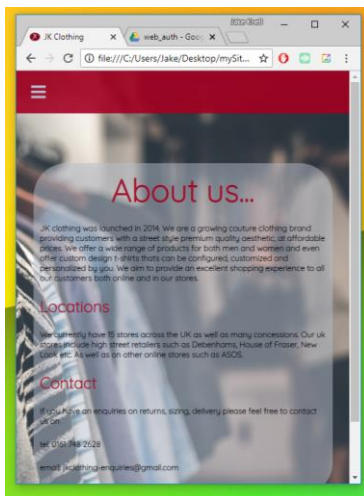
Code is syntactically valid.

Functionality in multiple browsers (also displayed in the video):

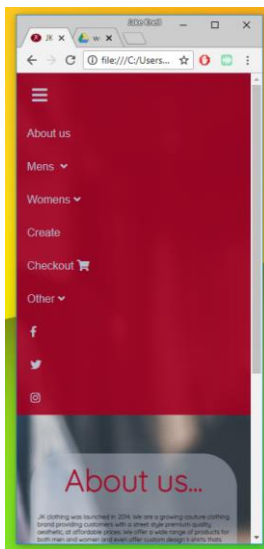
Chrome:



Tablet size:

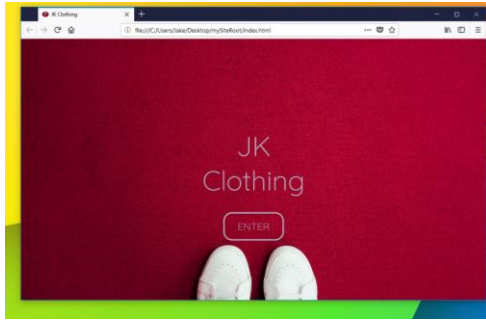


Mobile size:



Firefox:

Desktop:



Tablet:

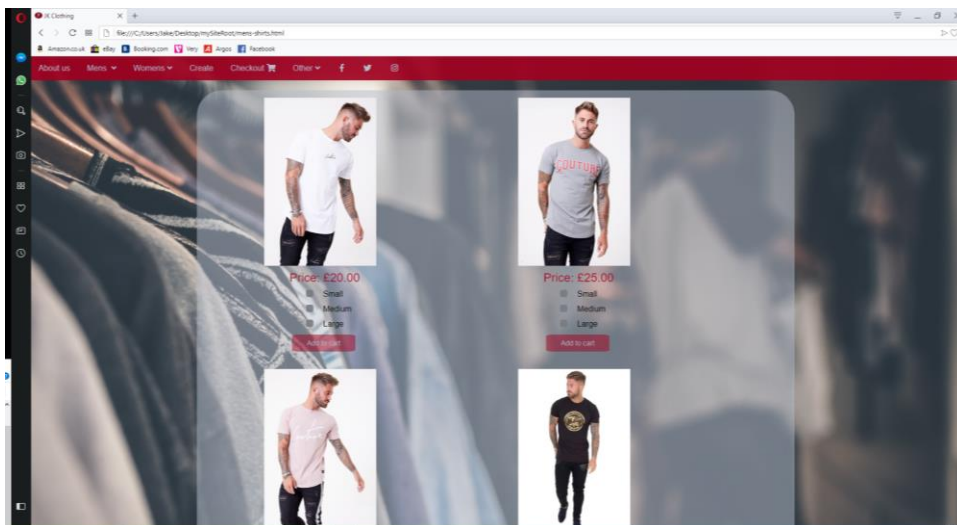


Mobile:

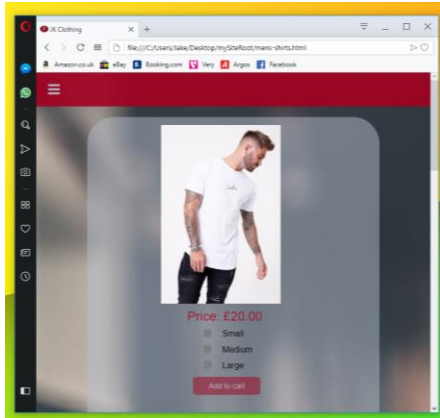


Opera:

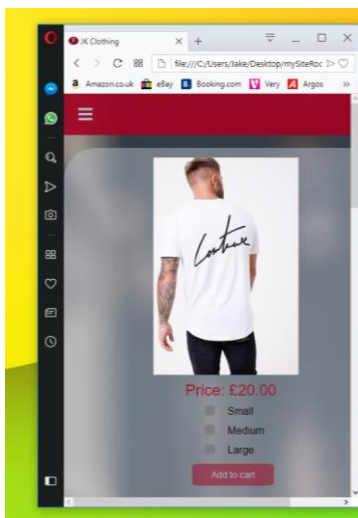
Desktop:



Tablet:

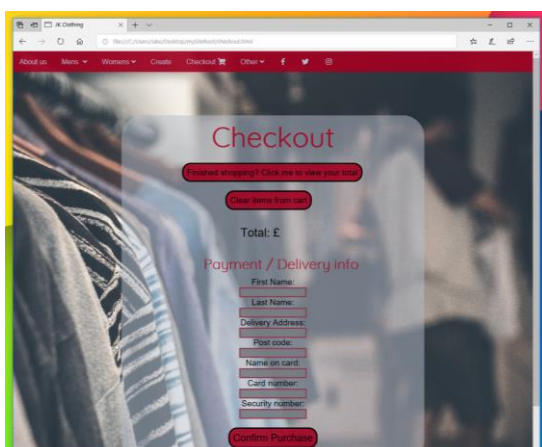


Mobile:

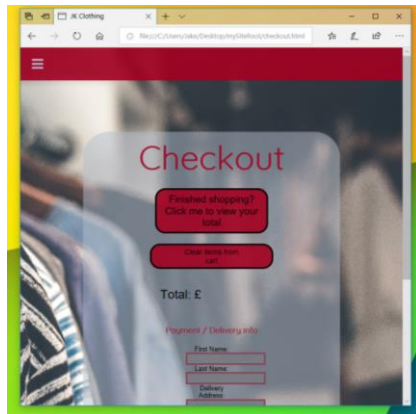


Microsoft Edge:

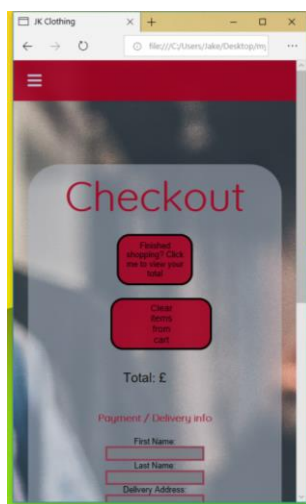
Desktop:



Tablet:



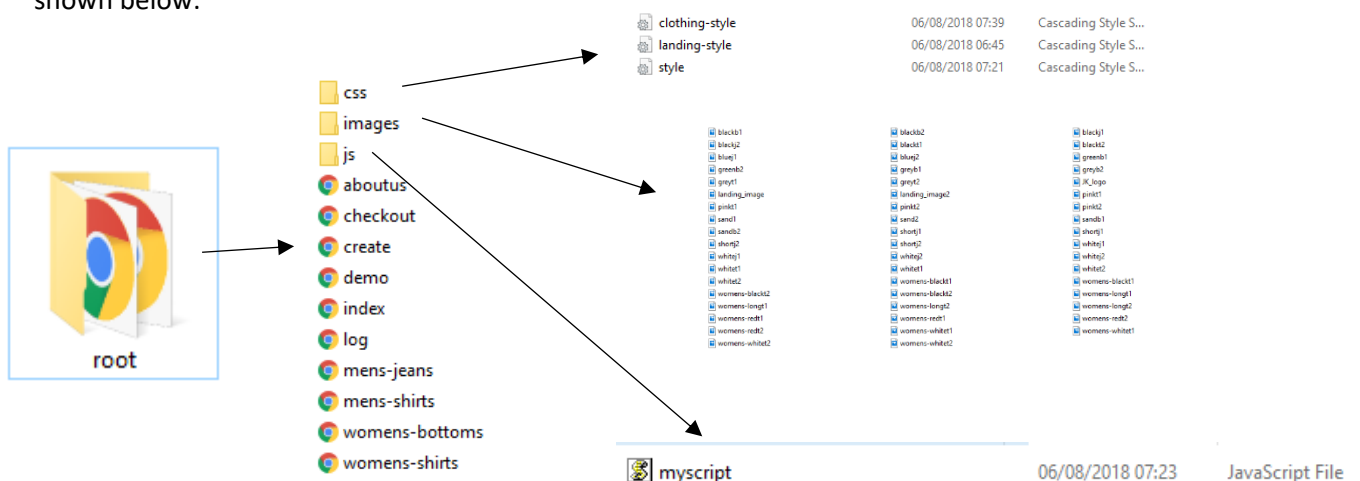
Mobile:



All pages ran as intended on all browsers, I also tested on multiple resolution monitors at different screen sizes and on an iphone and ipad to ensue maximum cross compatibility of my site.

File organisation

I used the general standard of file organisation in my site, the first folder being the root folder as shown below:



Reference list

Series on youtube videos on how to build a paint application and used w3schools and stackoverflow for occasional guidance, then adapted those solutions to my own.

<https://www.youtube.com/watch?v=MiMiNLjxK8U>

<https://www.w3schools.com/>

<https://stackoverflow.com/>

used <http://resizeimage.net/> to resize my images

All clothing images taken from:

https://thecoutureclub.com/?gclid=EAIaIQobChMI6ZCUIIXY3AIV5r3tCh1M8A7zEAAYASAAEgJXQ_D_BwE

Landing page image and background image taken from this site:

<https://www.pexels.com/search/HD%20wallpaper/>