

Limerick Institute of Technology

# Web Development

## 5 Page Website

Hdip Software Development

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## Introduction

The brief specifies the design and implementation of a website to promote the band "Florence and the Machine". The target demographic is an international audience under the age of 35 years. Florence and the Machine are an English indie rock band that formed in London in 2007 and have since become a worldwide success. Their style has been popularly described as "dark, robust and romantic".

The website will consist of six separate pages. The pages are as follows:

- Home Page
- Band History
- Band News
- Music
- Gallery
- Contact Us (This page will not feature in the Navigation Bar)

Each page will be designed with a Header, Content, and Footer. A Navigation Bar will also be featured.

## Key Deliverables Required

- Pencil Project Wire-frame Design of Grid system
- Pencil Project Wire-frame Design for all pages
- Five Page Website (minimum), styled with external CSS file(s)
- W3C Validated HTML and CSS

## **Network Connection, System Specifications, and Browsers**

The following are the **network stats** used to design this website:

- Network band: 2.4 GHz
- Manufacturer: Broadcom (Wireless)

The following are the **computer system specification** used to design this website:

- Processor: Intel 1.60GHz
- RAM: 4GB
- System Type: Windows 10, 64bit Operating System

The following **browsers** were used to test the functionality and design of the website:

- Google Chrome (Blink engine) Version 60.0
- Microsoft Edge (Trident Engine) Version 40.0
- Mozilla Firefox (Geko engine) Version 55.0
- Opera (Blink layout engine) Version 47.0

## Tools/Packages

Tools, Applications, and Links used to design the website:

- Pencil Project
- Sublime Text
- W3C HTML and CSS Validator (<https://validator.w3.org/>)
- Spectrum (Google Extension)
- ATOMSEO Broken Link Checker (Google Extension)
- Colors.co (Colour testing website)
- Microsoft Paint
- Bootstrap (Version 3.7.7)
- Lightbox
- Convert2mp3.net (Audio and Video downloader)

## Design and Development

### Design Intent

The overall priorities when designing this website were as follows:

**Prioritisation of information** - What the user will want to see first on visiting this website and the importance of presenting this information.

**Navigation** - The means of navigating around this website must be straight forward and easy to locate. i.e. A Navigation Bar with the six decided pages and a footer with secondary information.

**Interaction** - The website must be dynamic in design to allow for a better interaction with the various links within.

**Ease of Access** - No goal for the user should be more than 3 clicks away from their starting point.

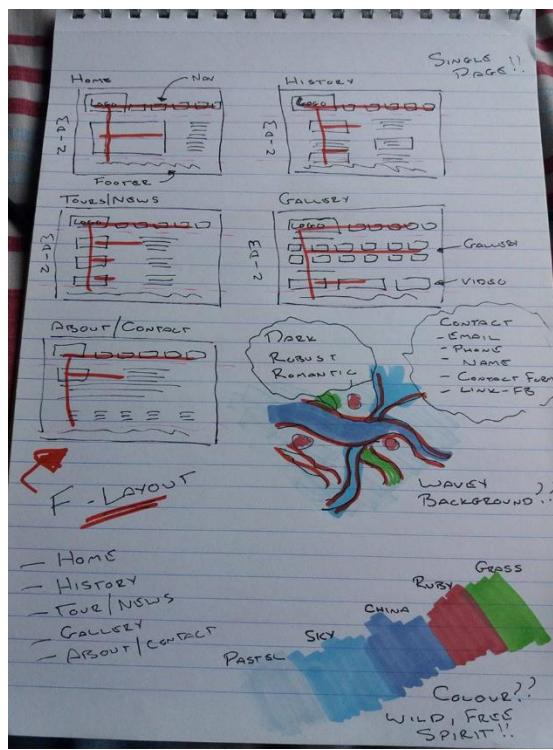


Figure 1: Conceptual Sketch Work

## **Wireframe/Layout Proposal**

All websites should be easy to navigate, clear, uncluttered, and well-spaced. This was the aim during the construction of the proposed website.

The wireframe proposed design was drafted using PENCIL. Before this however, basic sketches were first done on paper to obtain a basic concept of layout. (See Figure 1) While conceptualising the briefs requirements were followed. I.e. A five-page structure (Homepage, Band History, Band News, Music/Gallery, Contact)

Common design practices were decided upon such as F-Layout or Z-Layout, Single Page or Scrolling and the use and positioning of Navigation.

A 12-column responsive grid system was implemented for Desktop, Mobile and Tablet devices.

The website header remains consistently placed throughout the five pages with three display modes: Desktop, Mobile and Tablet. Within the Header the Logo and Navigation Bar remain visible. However, their placement changes on screen size reduction and on Mobile and Tablet devices the Navigation Bar converts to a hidden drop-down menu behind a single Menu option. Once hovered over the five menu options will appear with the aid of .CSS Bootstrap Media Queries.

The following are the conceptual designs of the proposed website using PENCIL. Please note these are concept proposals and not to scale. However, the required column length is marked in each box. Pages may also continue further down off a one screen set up depending on content. Each page will have the same “Logo”, “Navigation” and “Footer” set up and all pages will be responsive to Mobile devices and browser pages below the width of 480px (See Figure 7)

**Note:** These Layouts are liable to be altered through the development of this Assignment.

## Homepage

When visiting the website, the user will be welcomed by a Banner and a series of various dynamic images of “Florence and the Machine”.

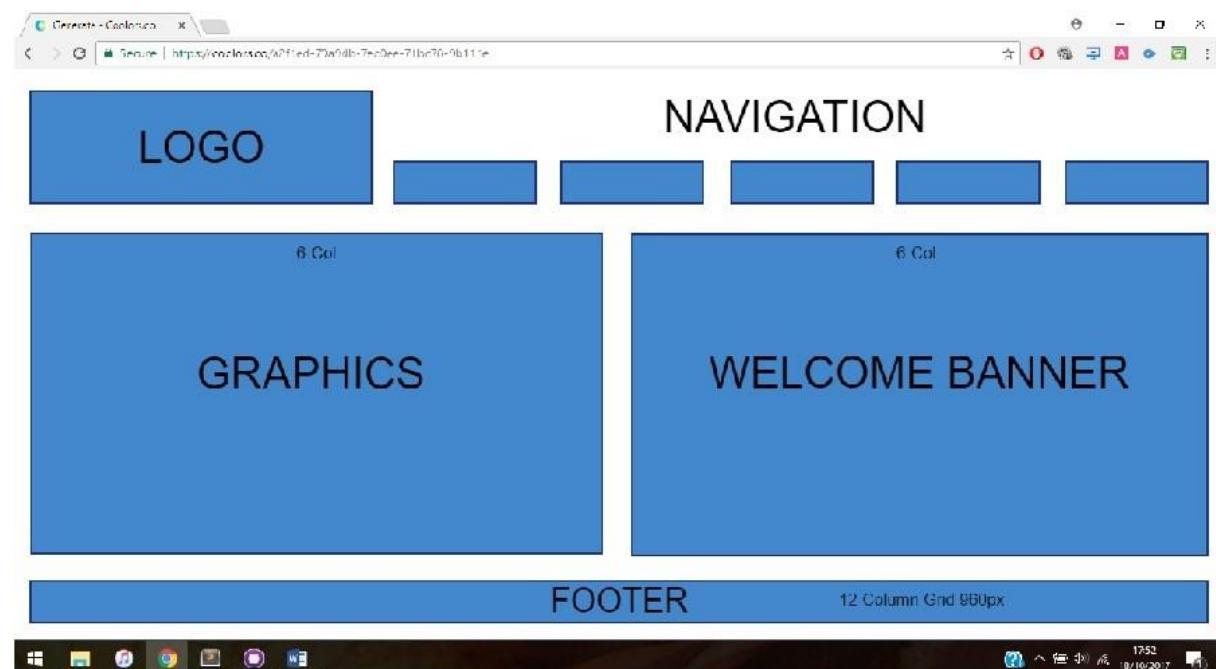


Figure 2: Wireframe Homepage

## History

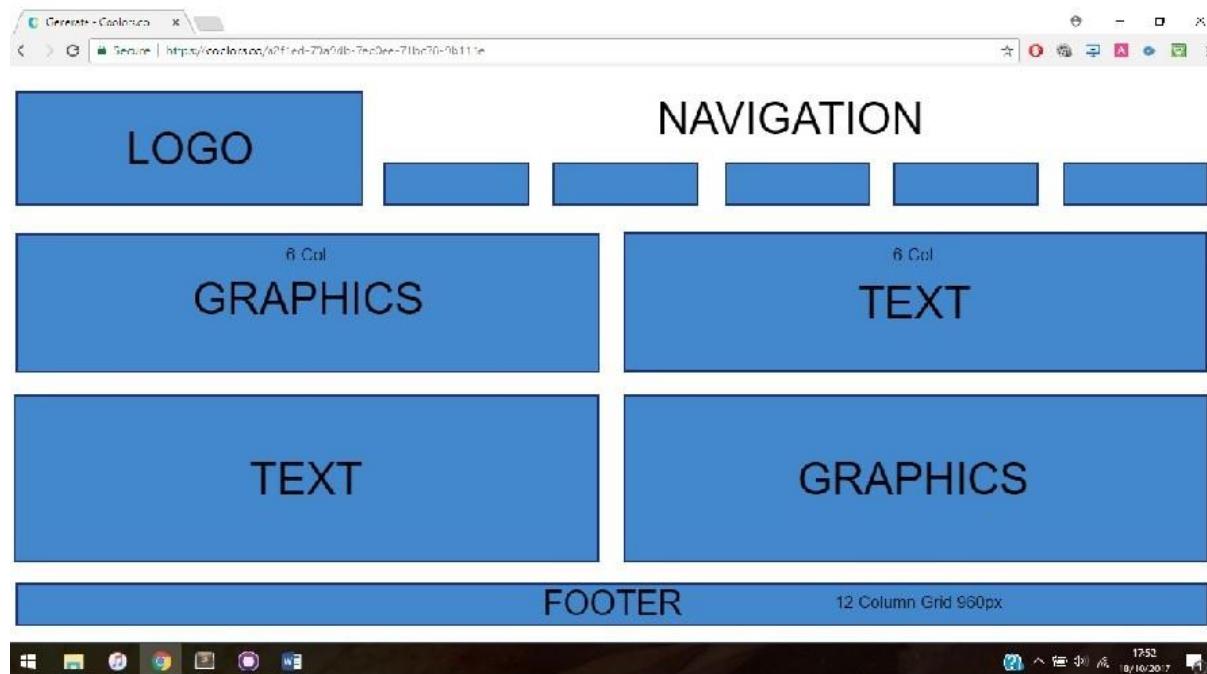


Figure 3: Wireframe History

## Band News

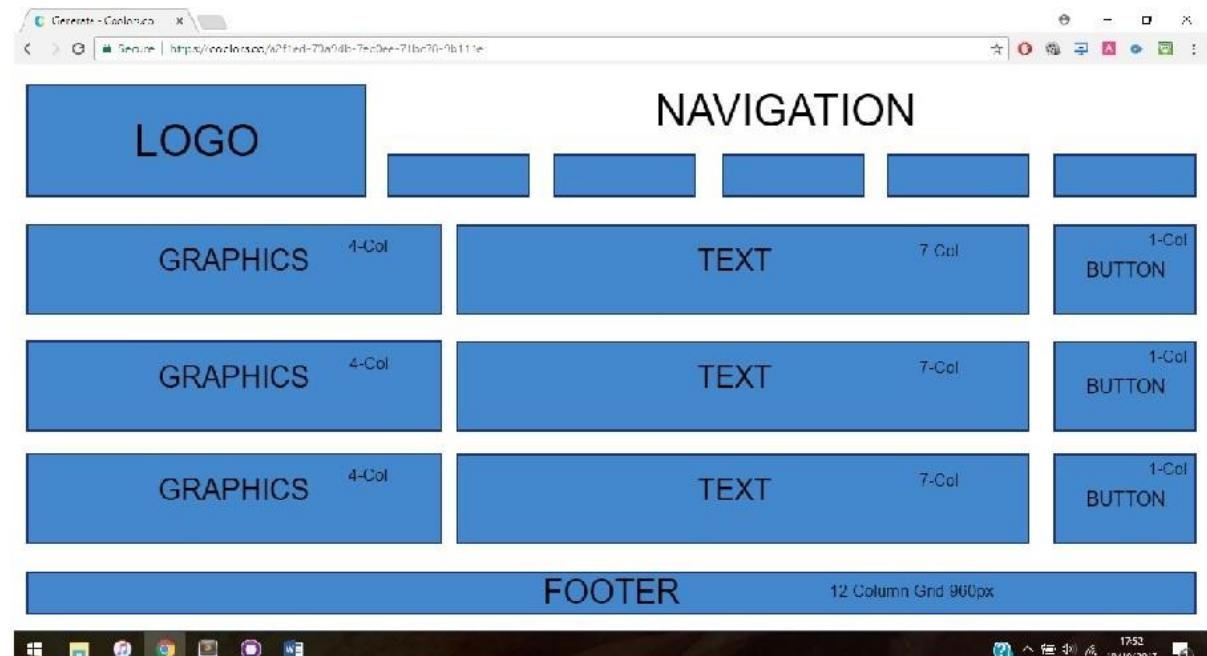


Figure 4: Wireframe Band News

## Music/Gallery

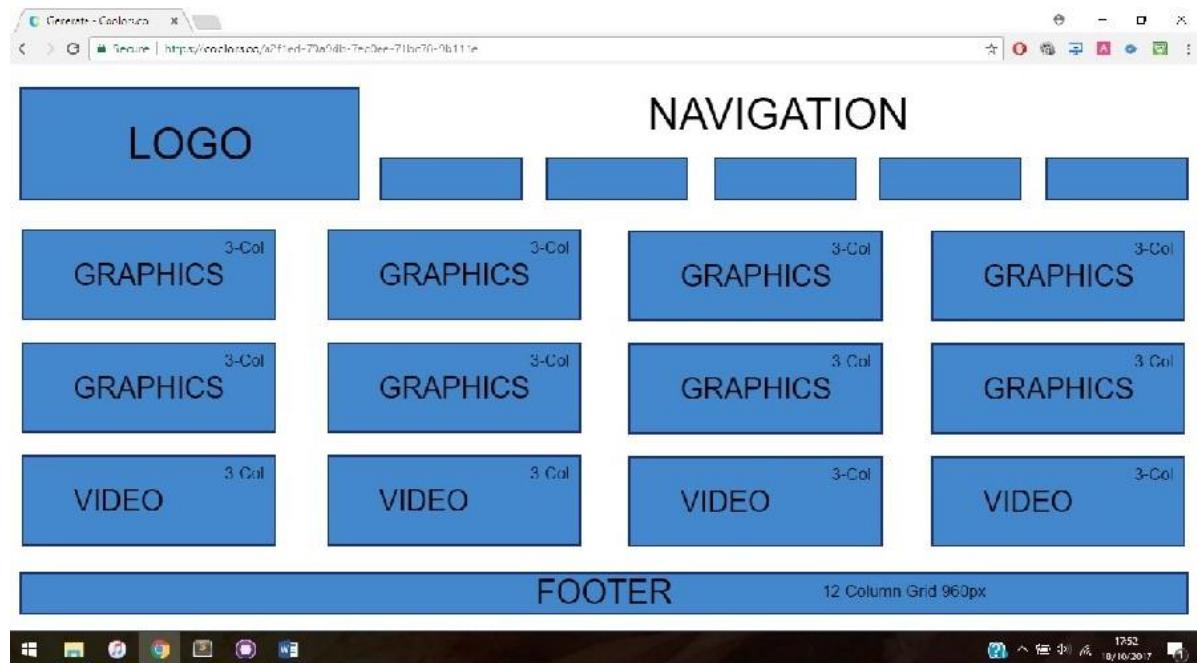


Figure 5: Wireframe Videos/Gallery

## Contact Us

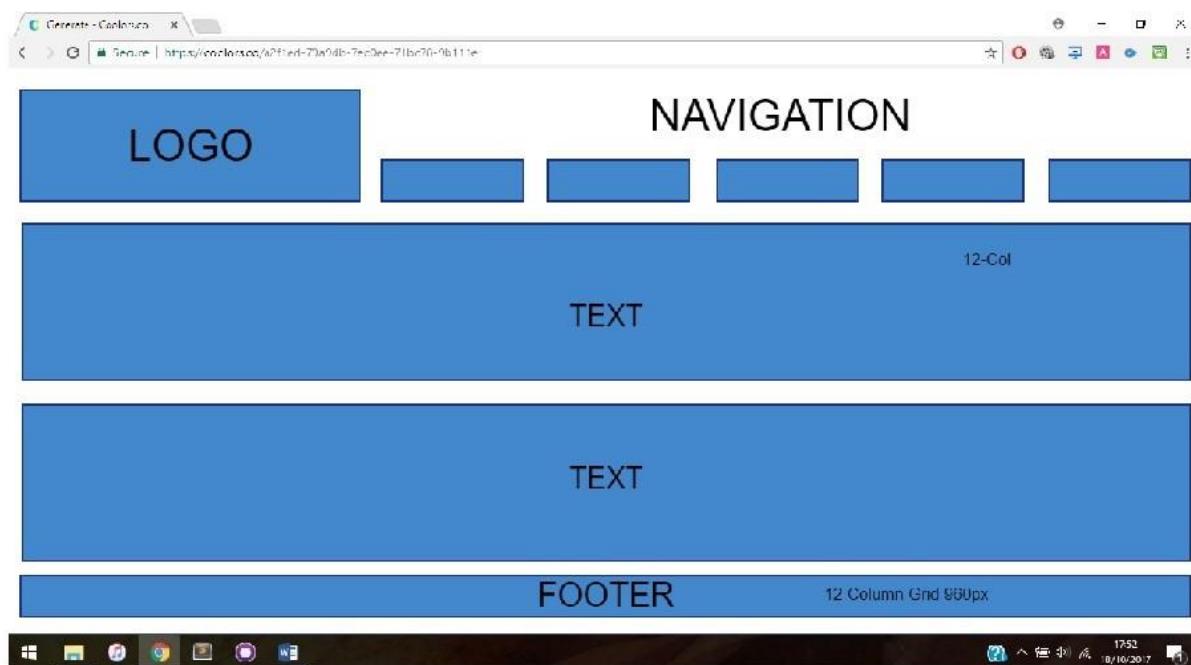


Figure 6: Wireframe Contact Us

## **12 Grid Layout**

The 12-column grid layout was used to structure the webpage into manageable sections and improve layout quality. The total width of the container within the webpage was 960px respectively.

Within this grid there are 3 main sections that feature over the 5 webpages required:

### **The Header**

- Logo/Title
- Navigation

### **Body/Content**

- Text
- Images
- Embedded Videos
- Links

### **Footer**

- Contact Information/Social Media Links
- Copyright etc.

## **Responsive Design**

One of the main advantages to using the 12-column grid layout is that it allows for better responsive manipulation. Two media queries were used on top of the general .CSS properties for desktops. Mobile and Tablet screens was optimized. Touch screen use was accounted for and managed properly for precise interactions.

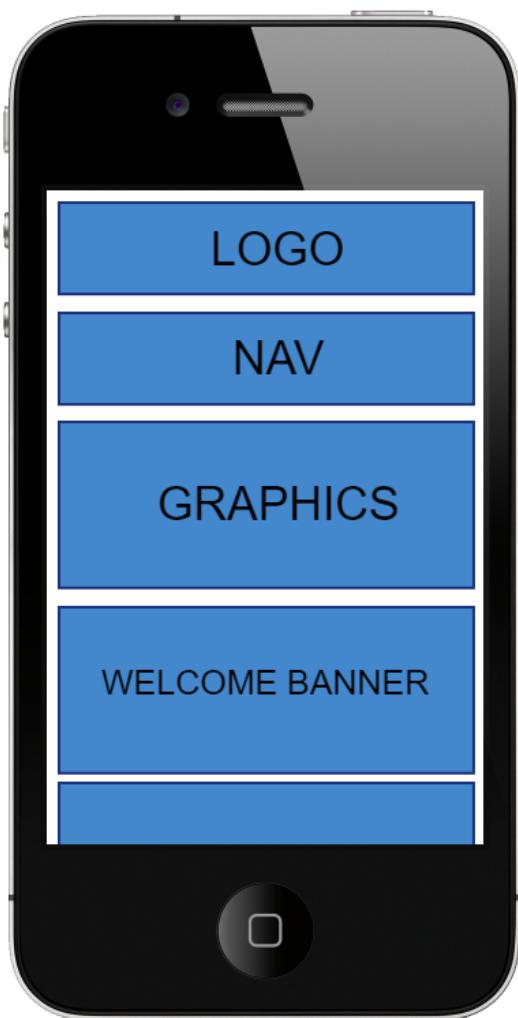


Figure 7: Wireframe Responsive Design

## Aesthetics

Aesthetically all website should be pleasing to the eye, well presented, clear and easy to navigate. Website layout and structure was mentioned in “**Wireframe/Layout Proposal**”. After layout, colour scheme is the next most important factor. During the research of Florence and the Machine it was decided to take inspiration from the “Lungs” album (Figure 7). The use of subtle blends and tones from various bright colours (Pink, Yellow, Blue etc) will be applied. It was also decided to apply minimal hints of Red to correspond with lead singer Florence Welch’s hair colour which appears to be a trade mark of the bands identity. Each of these colours will be splashed about the site in the form of headings, icons, and other subtle features on a White and Mars Grey background.



Figure 8: Inspiration (The “Lungs” Album)

Colour Blindness tests were also carried out for the 3 main types.

- Protanopia (red perception issue)

- Deuteranopia (green perception issue)
- Tritanopia (blue perception issue)

The following is the scheme considered during the design stage and their relation to colour blindness examinations. The hope was to arrive at a final colour scheme that incorporates the best of all combined and are the most accommodating.

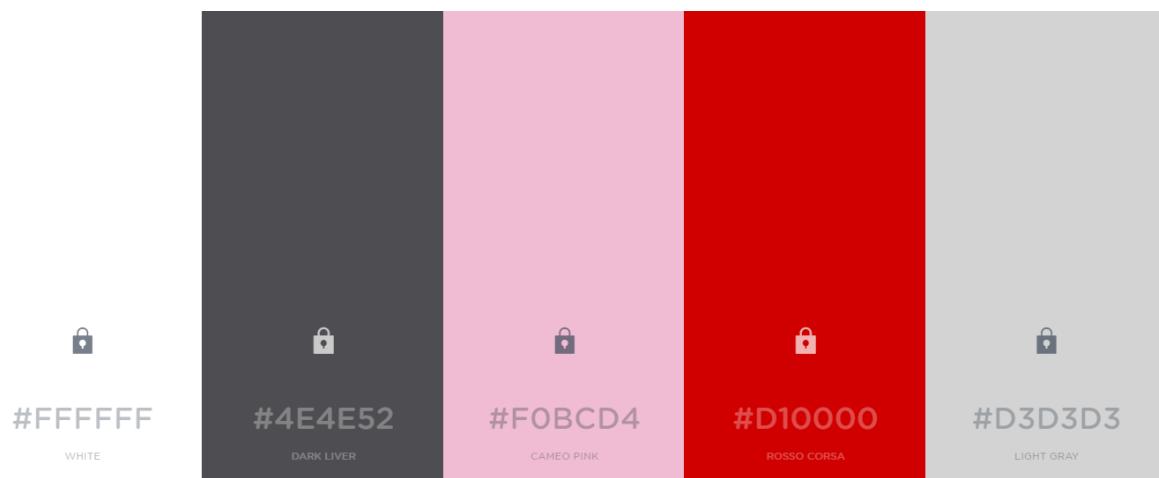


Figure 9: Desired Colour Scheme based on the “Lungs” Album



Figure 10: Protanopia Colour Blind Test

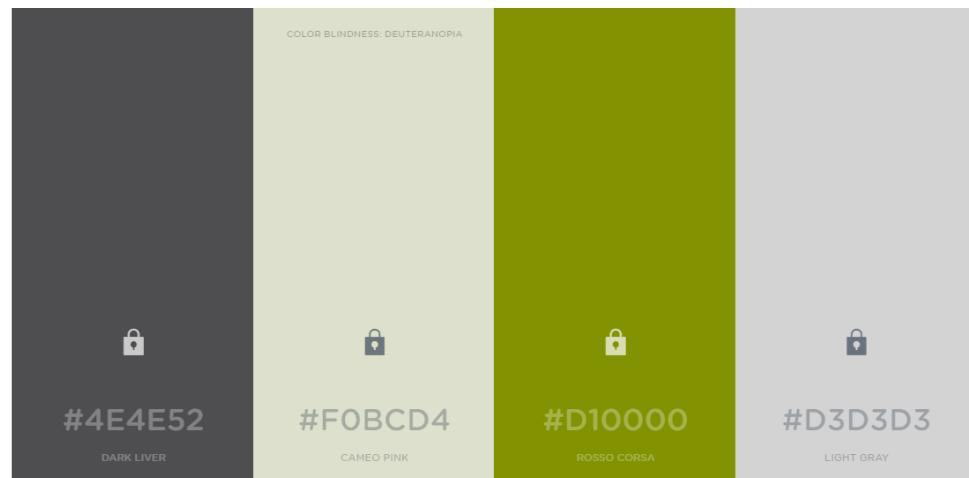


Figure 11: Deuteranopia Colour Blind Test



Figure 12: Tritanopia Colour Blind Test

Each page will be tested after development with the use of the Google Extension “Spectrum” and results will be discussed in the Conclusion portion of this report.

## Fonts/Logo

Careful thought was taken in the decision of the font. It was considered to use or create a completely different font for the purposes of this website but ultimately it was decided to use the bands trademark font that appears through most of their albums. An extra thin geometric “San-Serif” (Figure 12). This font has become widely known since the bands incarnation as “How Font”.



Figure 13: “How Font”

A similar thought process was taken when deciding on the Logo. The font and logo are widely recognised as “Florence and the Machine” so why change it unnecessarily?

## Pages

A Responsive Navigation and Footer are featured on all page. The Navigation Bar remains fixed to the top of the page at all time. It houses a Banner link and the links to the various pages. The Footer with copyright, website designer and a contact link to a form.

### Home

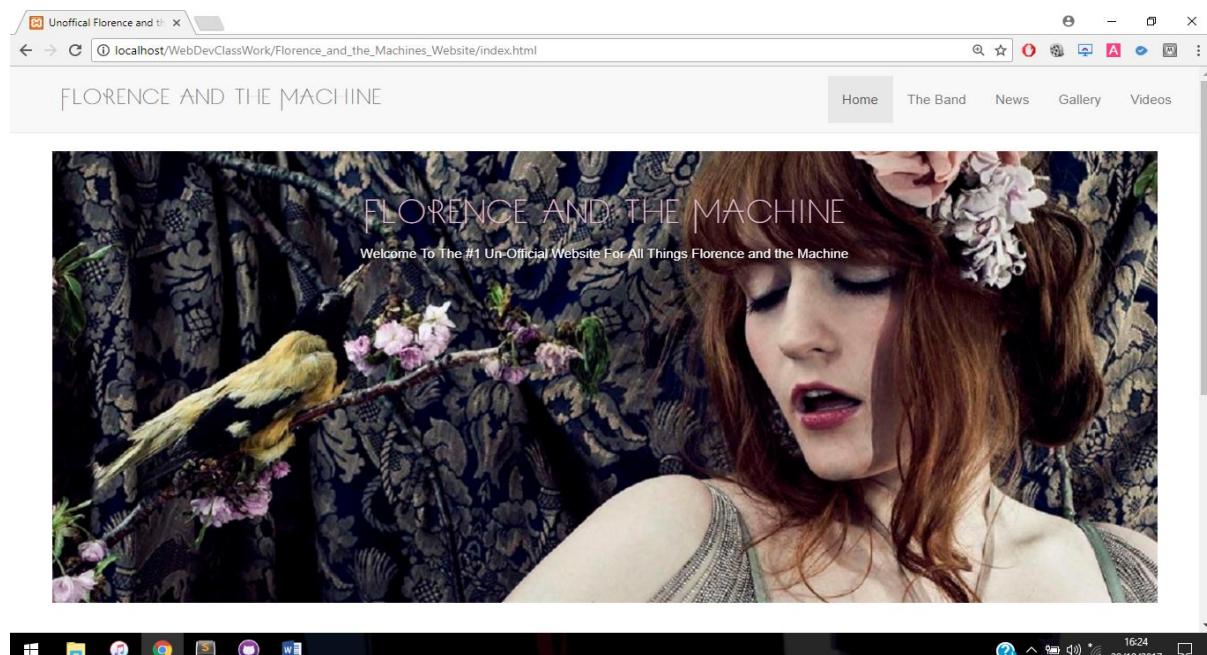


Figure 14: Home Page (Upper)

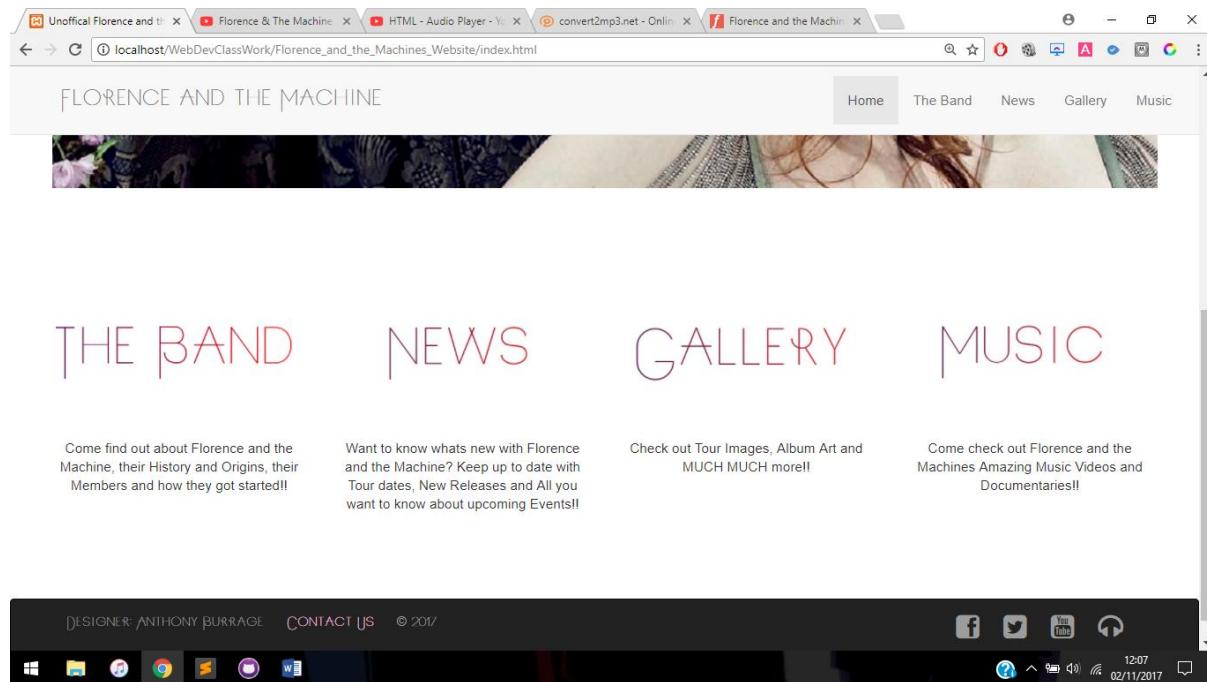


Figure 15: Home Page (Lower)

The Home page features a timed Carousel with graphics from the band. The lower section of the Hope Page houses separate links for the various pages.

## The Band

**FLORENCE AND THE MACHINE**

**THE BAND**

Florence and the Machine are an English indie rock band that formed in London in 2007, consisting of lead singer Florence Welch, keyboardist Isabella Summers, and a collaboration of other artists.

Band Members Include:

- Florence Welch – Lead Vocals, Percussion
- Isabella Summers – Keyboards, Synths, Backing Vocals
- Robert Ackroyd – Lead Guitar
- Christopher Lloyd Hayden – Drums, Percussion, Backing Vocals, Acoustic Guitar
- Tom Monger – Harp, Xylophone
- Mark Saunders – Bass Guitar, Percussion, Backing Vocals
- Rusty Bradshaw – Piano, Hammond, Rhythm Guitar, Backing Vocals

**2008-10 LUNGS**

THE BAND - FLORENCE AND THE MACHINE

Figure 16: The Band Page (Upper)

**FLORENCE AND THE MACHINE**

**Lungs**

Florence and the Machine released their first album *Lungs* in the United Kingdom on 6 July 2009. The album was produced by James Ford, Paul Epworth, Steve Mackey and Charlie Hugall. The album was officially launched with a set at the Rivoli Ballroom in Brockley, South East London. It peaked at number one in the UK and number two in Ireland. As of 6 August 2009, the album had sold over 100,000 copies in the UK and by 10 August it had been at number two for five consecutive weeks. Following its 25 July 2009 release for download in the United States, the album entered the charts at number seventeen on the Billboard Heatseekers Albums chart, ultimately peaking at number one. The album was released physically in the US on 20 October by Universal Republic.

"Kiss with a Fist" was released as the album's lead single on 9 June 2008. The track was featured on the soundtrack to the films *Wild Child*, *Jennifer's Body*, and *St Trinian's 2*. The Legend of Fritton's Gold, as well as in the television series *90210*, *Community* and *Saving Grace*. Follow-up single "Dog Days Are Over", released on 1 December 2008, was recorded with no instruments in a studio the "size of a loo". The song was used in the American television series *Gossip Girl*, *Covert Affairs*, in the British television series *Skins*, and in the theatrical trailer for the 2010 comedy-drama film *Eat Pray Love*, starring Julia Roberts. "Dog Days Are Over" was also featured in the *Glee* episode "Special Education", where it was covered by Jenna Ushkowitz and Amber Riley. "Rabbit Heart (Raise It Up)" was released on 22 June 2009 as the third single from the album.

After the release of *Lungs*, "Drumming Song" and a cover of The Source and Candi Staton's 1986 song "You've Got the Love" were released as singles.

"Cosmic Love" was released on 5 July 2010 as the sixth and final single from *Lungs*, with a music video having already been shot. The bands songs featured in several films and television shows, including *Grey's Anatomy*, *The Vampire Diaries*, *V*, *Nikita*, *Twilight*, *Dragon Age II*.

Figure 17: The Band Page (Mid 1)

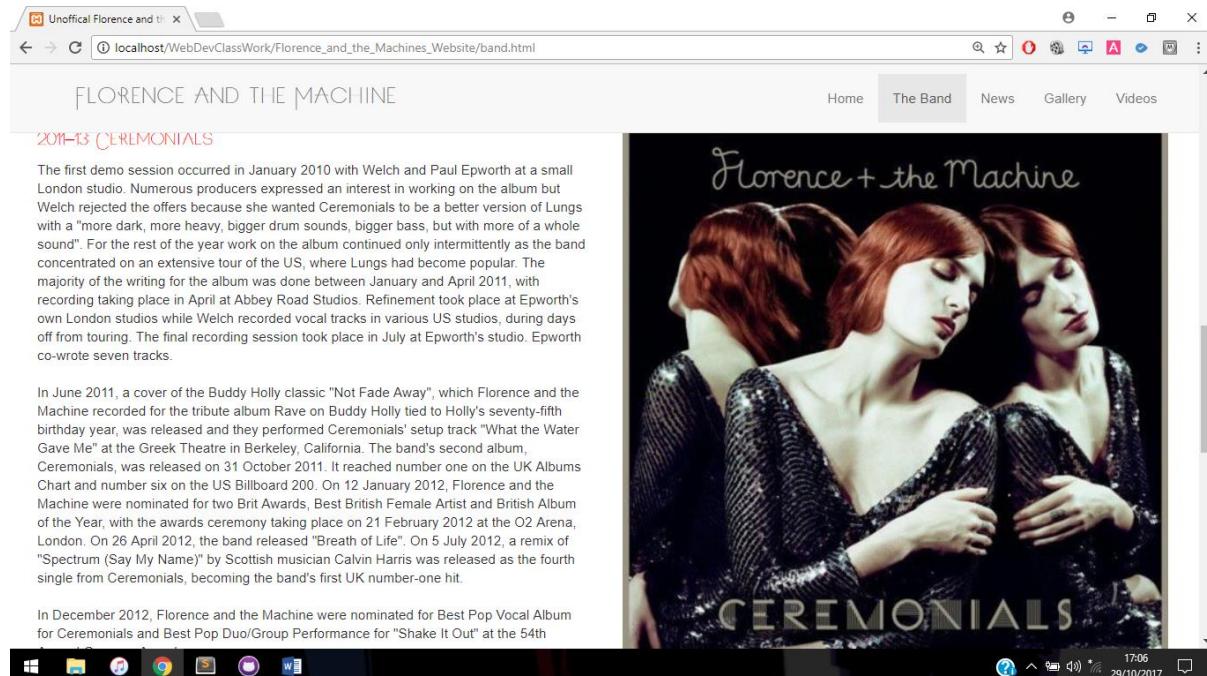


Figure 18: The Band Page (Mid 2)

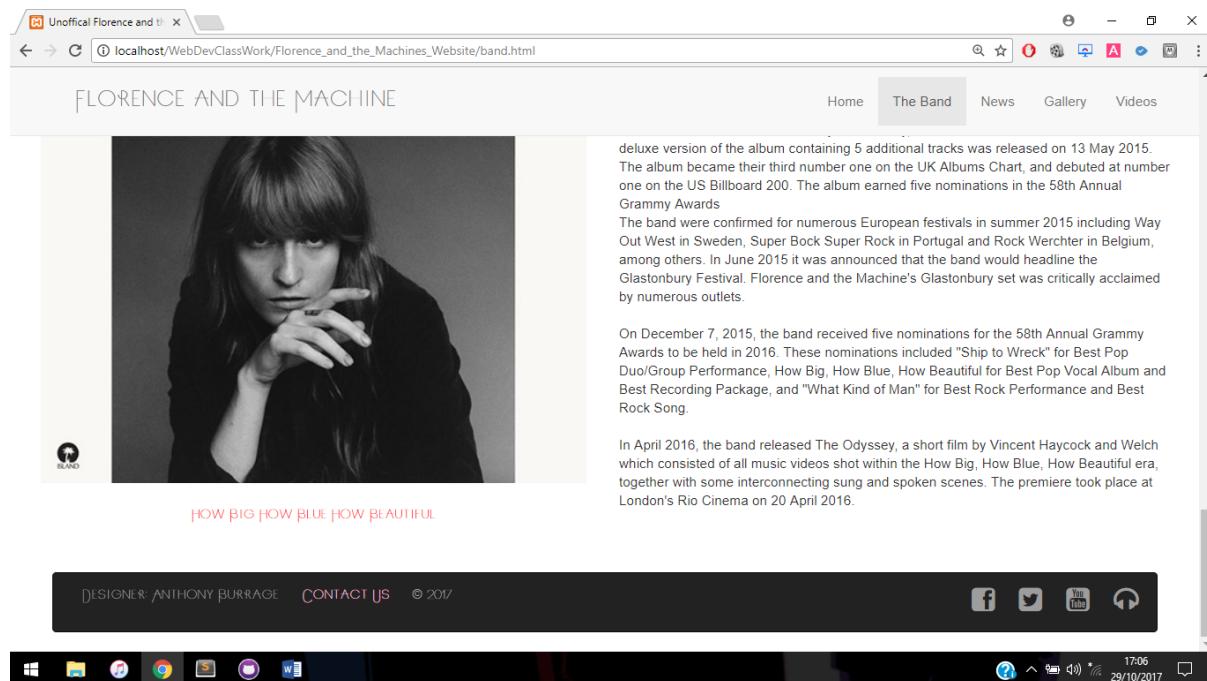


Figure 19: The Band Page (Lower)

The Band Page features the detailed story of Florence and the Machine. Their formation, awards, albums, etc.

## News

A screenshot of a web browser displaying the 'News' page for 'Florence and the Machine'. The page title is 'FLORENCE AND THE MACHINE - NEWS'. A promotional message at the top encourages booking tickets for their 'Exorcist Tour' dates. Below this, a section titled 'EXORCIST TOUR DATES 2018' lists three tour dates with their respective venues and ticket links. The browser's navigation bar shows the URL as 'localhost/WebDevClassWork/Florence\_and\_the\_Machines\_Website/news.html'. The operating system taskbar at the bottom shows various open applications like File Explorer, Google Chrome, and Microsoft Word.

DATE	VENUE	TICKET LINK
March 17th-20th, 2018	Hyde Park, London, Britain	<a href="#">Tickets</a>
March 22nd-24th, 2018	Millennium Stadium, Cardiff, Britain	<a href="#">Tickets</a>
March 29th - April 1st, 2018	Croke Park Stadium, Dublin, Ireland	<a href="#">Tickets</a>

Figure 20: The News Page (Upper)

The screenshot shows a web browser window displaying the 'News' page of a website. The title bar reads 'Unofficial Florence and the Machine Website'. The page header includes the band name 'FLORENCE AND THE MACHINE' and navigation links for 'Home', 'The Band', 'News' (which is currently selected), 'Gallery', and 'Videos'. Below the header is a table listing tour dates and locations, each with a 'Tickets' button. The table rows are as follows:

April 21st-24th, 2018	Palacio Vistalegre, Madrid, Spain	<a href="#">Tickets</a>
May 4th-8th, 2018	Pala Alpitour, Torino, Italy	<a href="#">Tickets</a>
May 12th-15th, 2018	Berlin Arena Treptow, Berlin, Germany	<a href="#">Tickets</a>
May 20th-24th, 2018	Signal Iduna Park, Dortmund, Germany	<a href="#">Tickets</a>
May 28th- June 2nd, 2018	Limoges Concert Hall, Paris, France	<a href="#">Tickets</a>
June 7th-11th, 2018	Apostolos Nikolaidis Stadium, Athens, Greece	<a href="#">Tickets</a>
June 15th-20th, 2018	Luzhniki Stadium, Moscow, Russia	<a href="#">Tickets</a>
June 15th-20th, 2018	Ancienne Belgique, Brussels, Belgium	<a href="#">Tickets</a>

At the bottom of the page, there is a dark footer bar with links for 'DESIGNER: ANTHONY BURRAGE', 'CONTACT US', and '© 2017'. It also features social media icons for Facebook, Twitter, YouTube, and SoundCloud, along with a clock showing '17:49' and a date '29/10/2017'.

Figure 21: The News Page (Lower)

The New Page features upcoming News and events related to The Band. Currently it features Concert Tour News for the Upcoming “Exorcist” (fictional).

## Gallery

The Gallery was designed with the aid of the CSS package “Lightbox”. It features various graphics from Tours, Photoshoots, Albums, and Tour Art Work.

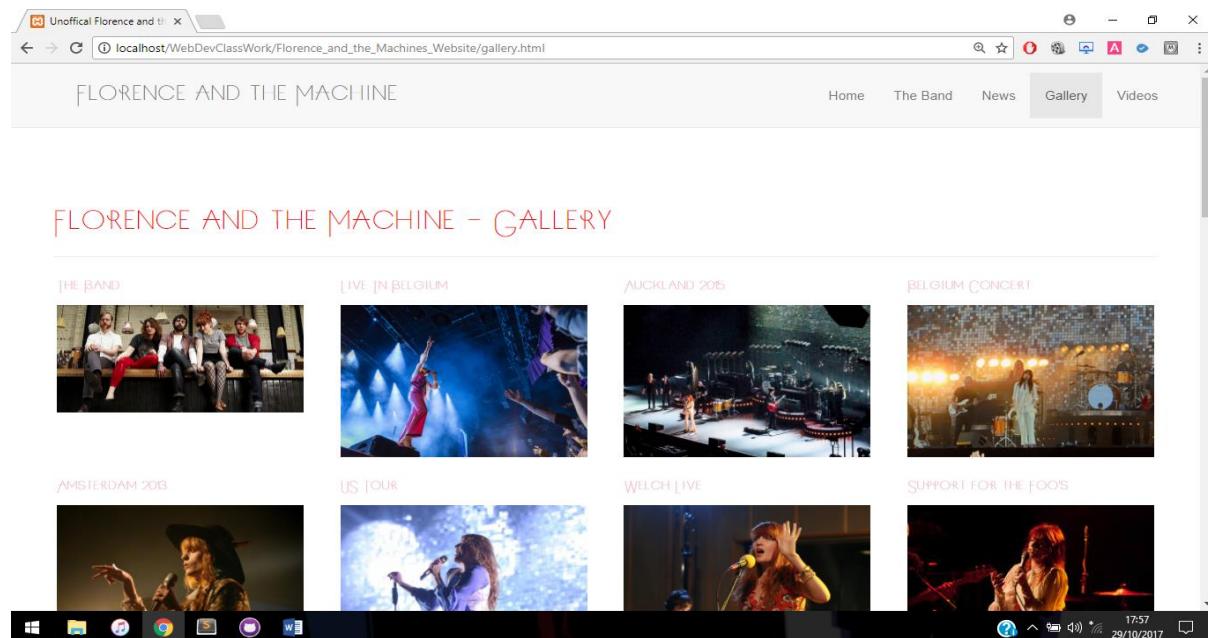


Figure 22: The Gallery Page (Upper)

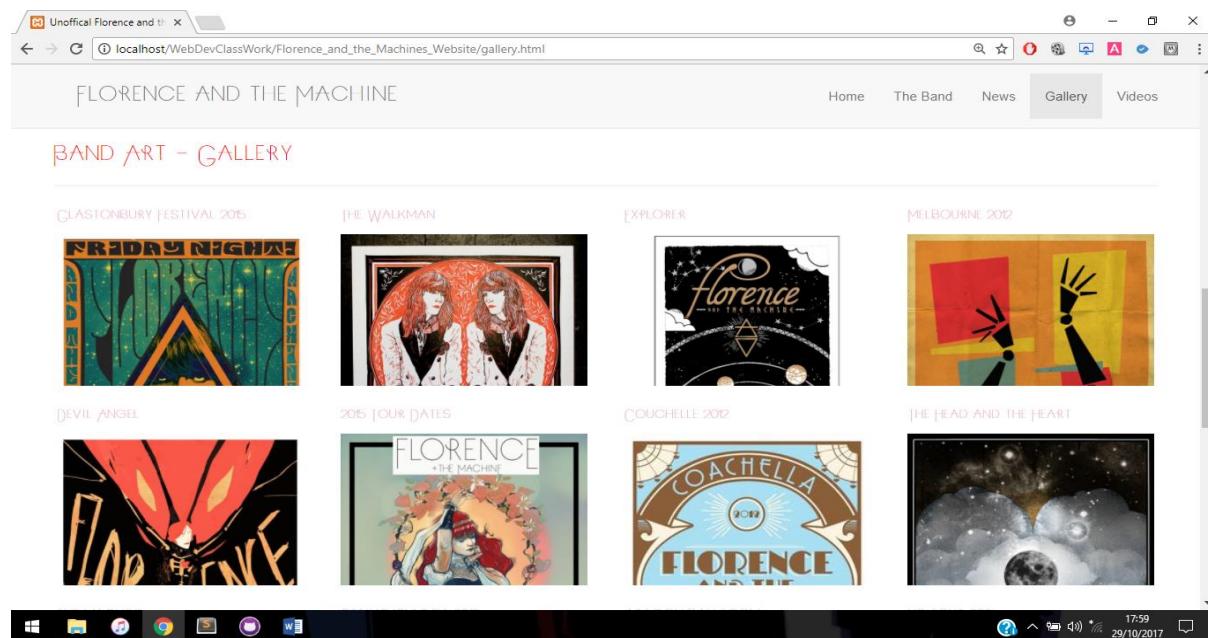


Figure 23: The Gallery Page (Mid)

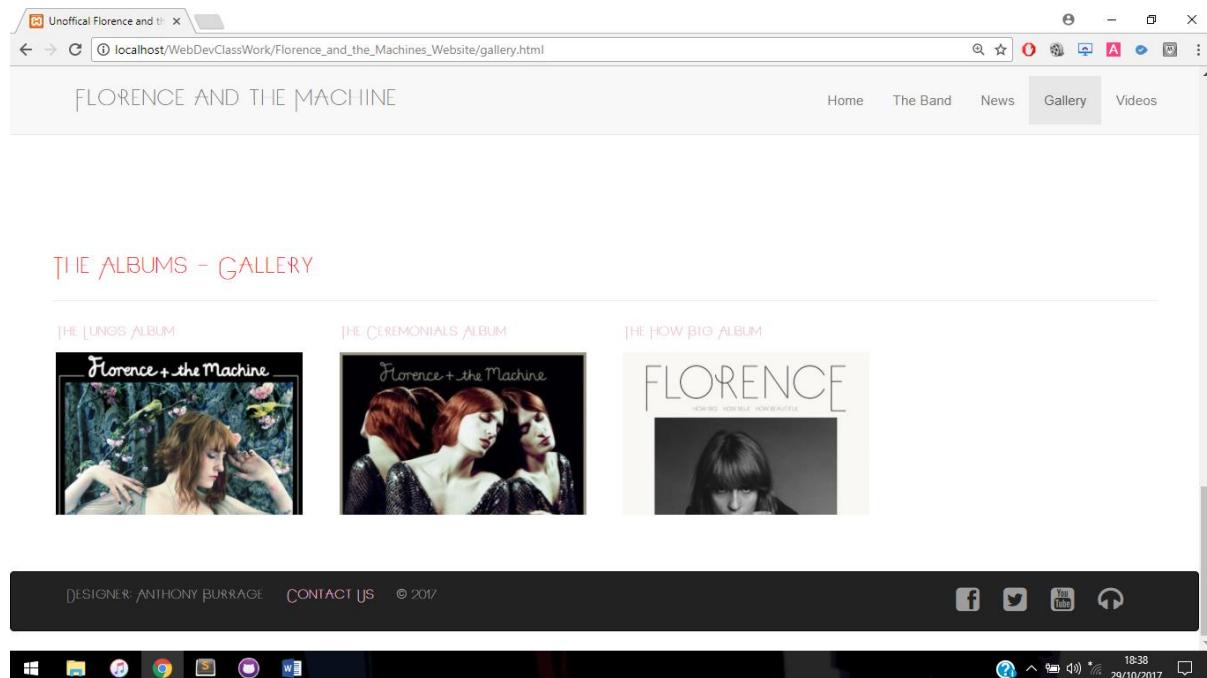


Figure 24: The Gallery Page (Lower)

Each one can be transformed into a full screen display with a scrollable click function

and image caption. (Figure 25)

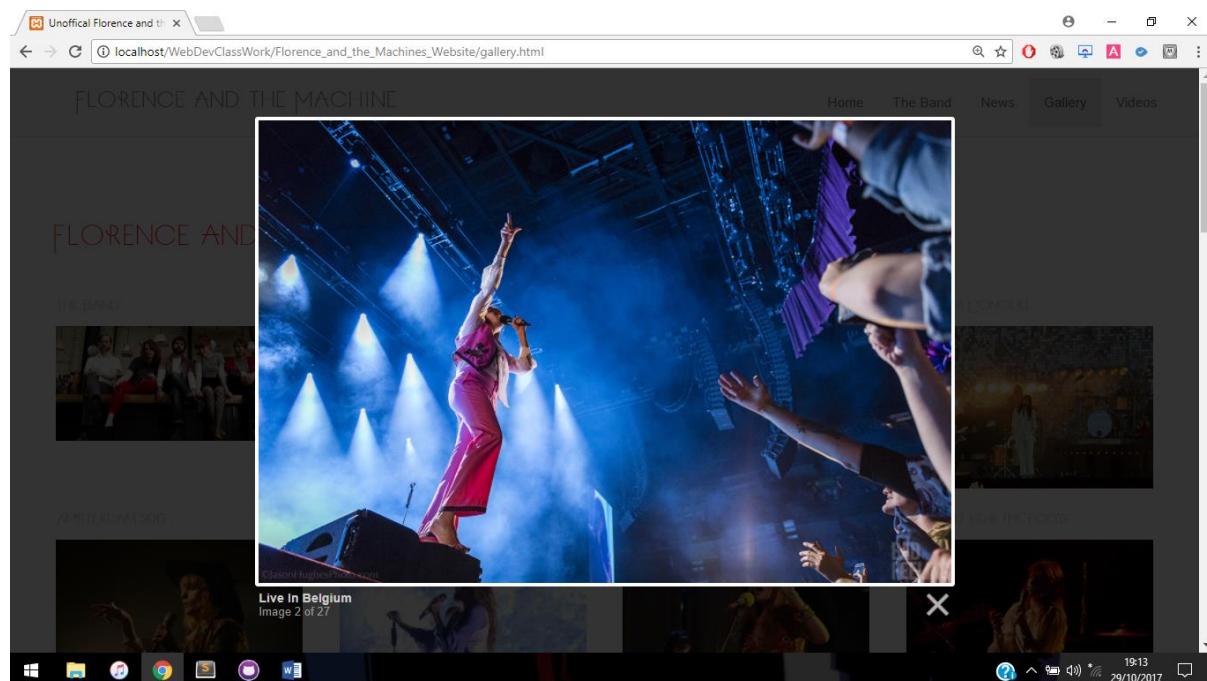


Figure 25: Image Display

## Music

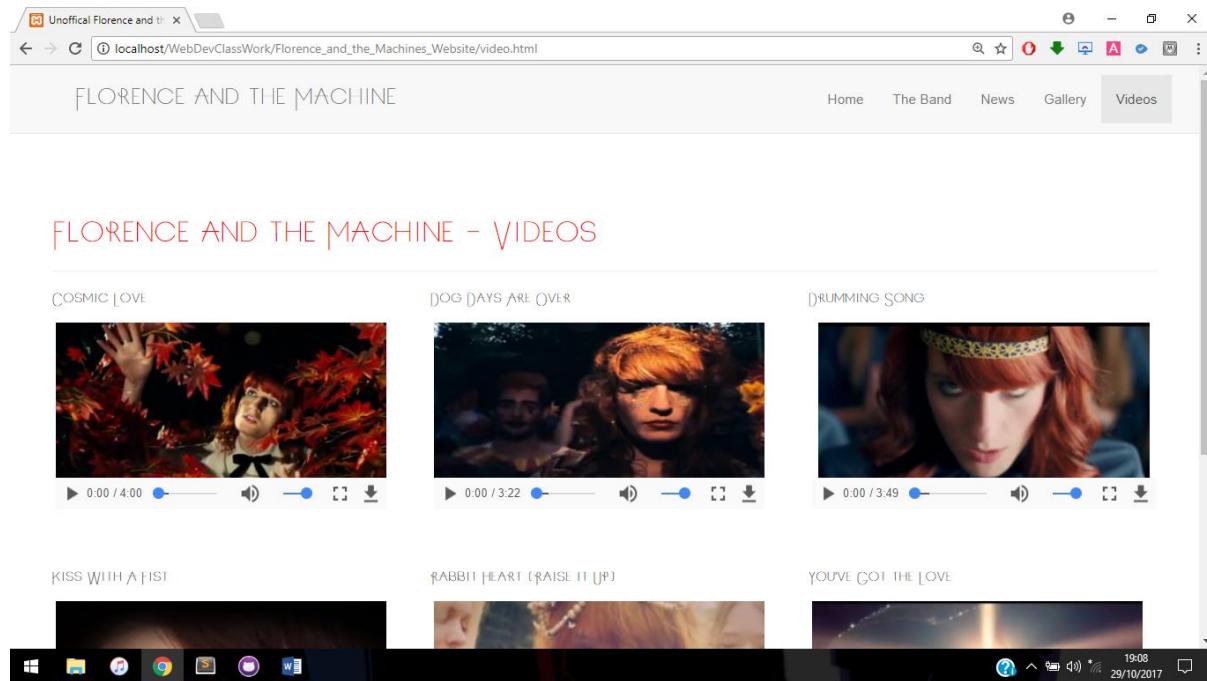


Figure 26: The Music Page (Upper)

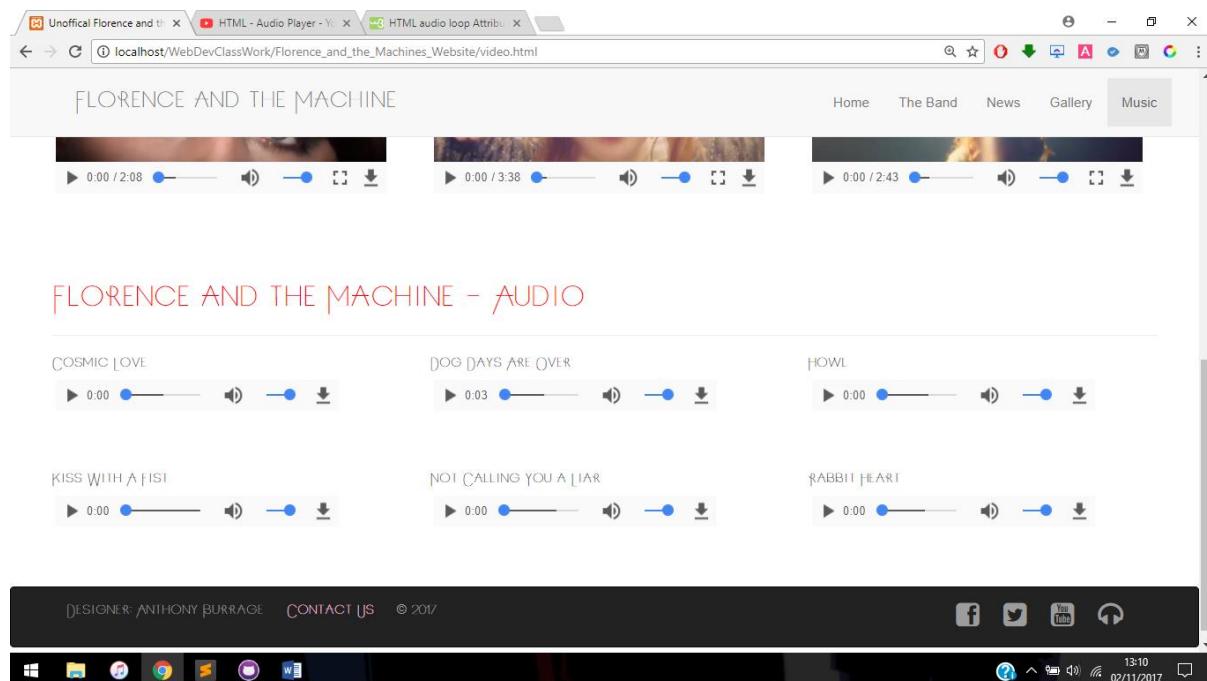


Figure 27: The Music Page (Lower)

Like the “Gallery” Page the Music Page features playable videos from the Bands various albums and singles. Each one can be transformed into a full screen display. (Figure 28) Audio tracks are also available.

**Note:** During development it was decided that the website would be better served to separate the Image and Music galleries and to downgrade the importance of the Contact Us page to the Footer. (Figure 29-30)

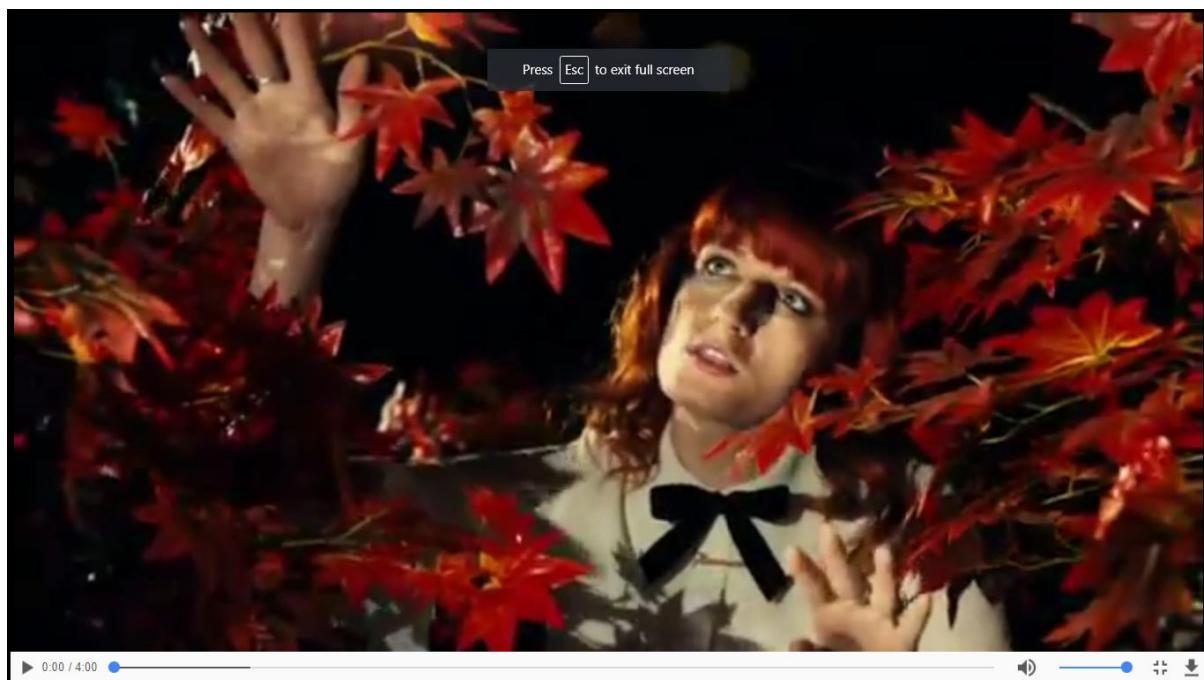


Figure 28: Video Display

## Contact Us

FLORENCE AND THE MACHINE - CONTACT US

First Name\*

Last Name\*

Email\*

Query\*

Submit

The logo is a complex geometric shape formed by several nested and intersecting triangles, creating a star-like appearance.

Figure 29: Contact Form

The Contact Page Link only exists on the Footer of Each Page. (Figure 30). Within the Contact Page is a form that allows the user to send a query or general comment to the website administrator.

**Note:** Actual messages are not able to be sent at this point of development as the appropriate PHP/JavaScript was not coded into the website. This will be remedied at a later stage.



Figure 30: Contact Form Link

## Responsive Features and Layout

The Website was designed with 4 main stages of responsive reaction depending on the screen size (Large, Medium, Small, and Extra Small). However, for the purposes of this assessment the focus will be placed on Large (As seen in Figures 14-30) and Extra Small, which will be relevant to Smart Phones. This was accomplished with the aid of the Bootstrap CSS package. Below is visual representation of the results for 480px the standard Smart Phone Device.

### Home

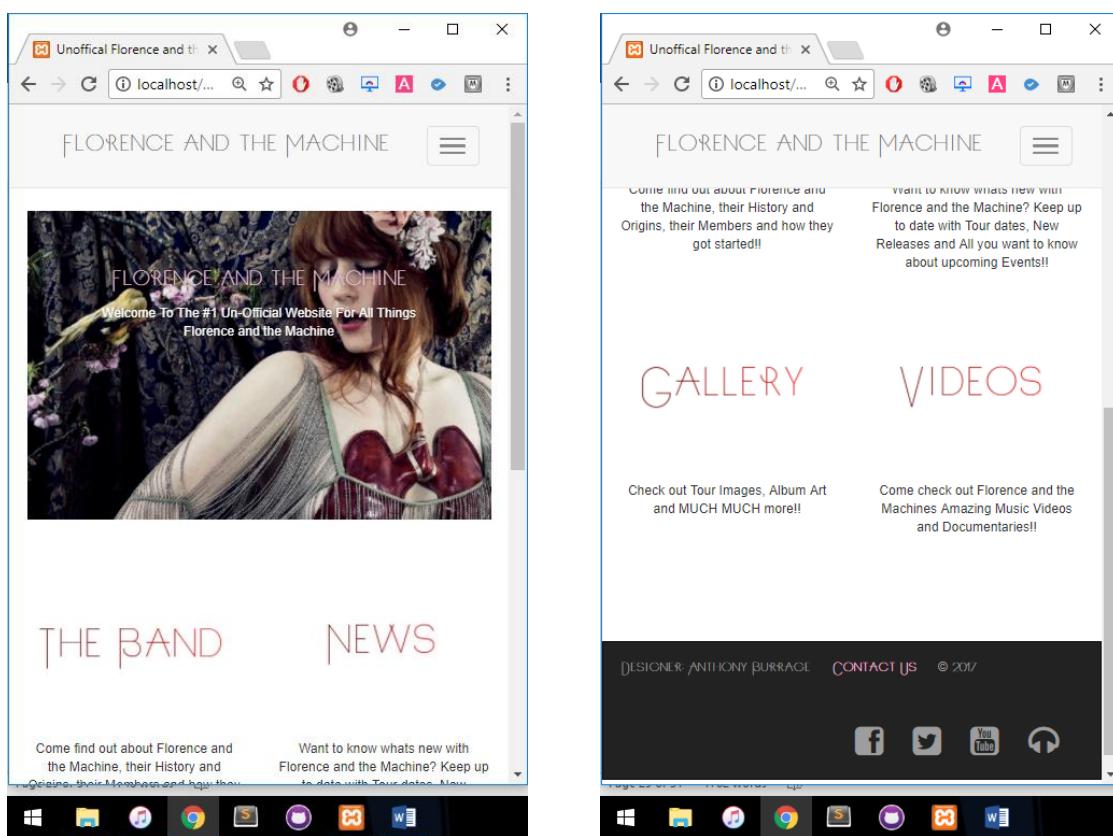


Figure 31/32: Home Page (Smart Phone)

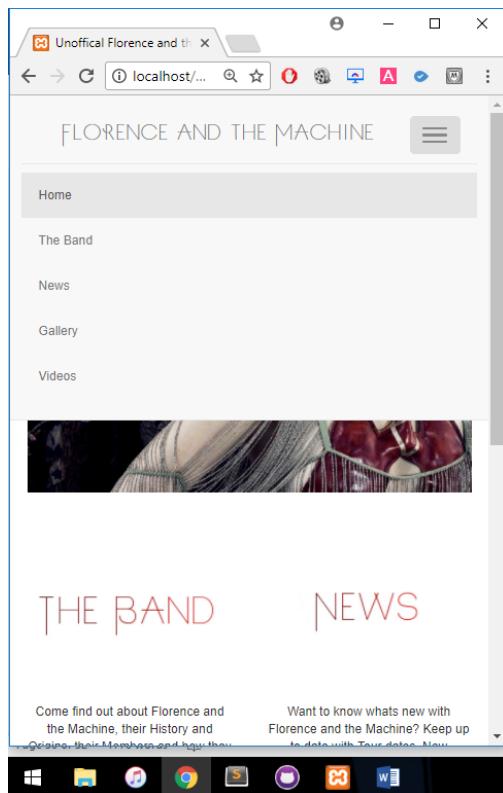


Figure 33: Drop Down Navigation (Smart Phone)

A feature of the responsive design of this website the Navigation Menu changes into a Drop-Down Icon which will display the individual pages once clicked.

## The Band

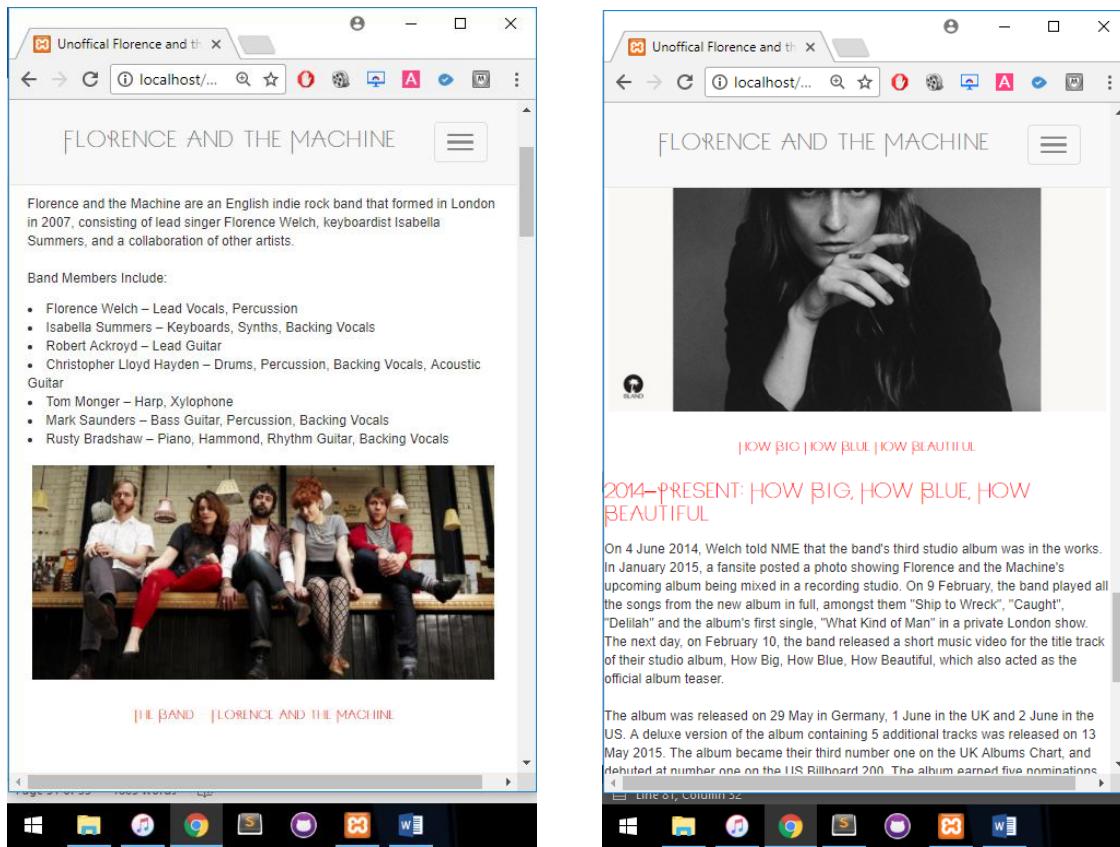


Figure 34/35: The Band Page (Smart Phone)

## News

**FLORENCE AND THE MACHINE - NEWS**

Florence and the Machine's new album "Exorcist" is here!! The upcoming 2018 "Exorcist Tour" has been announced!!! Check out our up to date Tour Dates and Venues Chart!! Tickets go on sale NOW for the March-July Shows!!! BOOK NOW!!

**EXORCIST TOUR DATES 2018**

DATE	VENUE	TICKET LINK
March 17th-20th, 2018	Hyde Park, London, Britain	<a href="#">Tickets</a>
March 22nd-24th, 2018	Millennium Stadium, Cardiff, Britain	<a href="#">Tickets</a>
March 29th - April 1st, 2018	Croke Park Stadium, Dublin, Ireland	<a href="#">Tickets</a>

DATE	VENUE	TICKET LINK
May 12th-15th, 2018	Berlin Arena Treptow, Berlin, Germany	<a href="#">Tickets</a>
May 20th-24th, 2018	Signal Iduna Park, Dortmund, Germany	<a href="#">Tickets</a>
May 28th- June 2nd, 2018	Limoges Concert Hall, Paris, France	<a href="#">Tickets</a>
June 7th-11th, 2018	Apostolos Nikolaidis Stadium, Athens, Greece	<a href="#">Tickets</a>
June 15th-20th, 2018	Luzhniki Stadium, Moscow, Russia	<a href="#">Tickets</a>
June 15th-20th, 2018	Ancienne Belgique, Brussels, Belgium	<a href="#">Tickets</a>

DESIGNER: ANTHONY BURRAGE | CONTACT US | © 2017 | [Facebook](#) | [Twitter](#) | [YouTube](#) | [Headphones](#)

Figure 36/37: The News Page (Smart Phone)

## Gallery

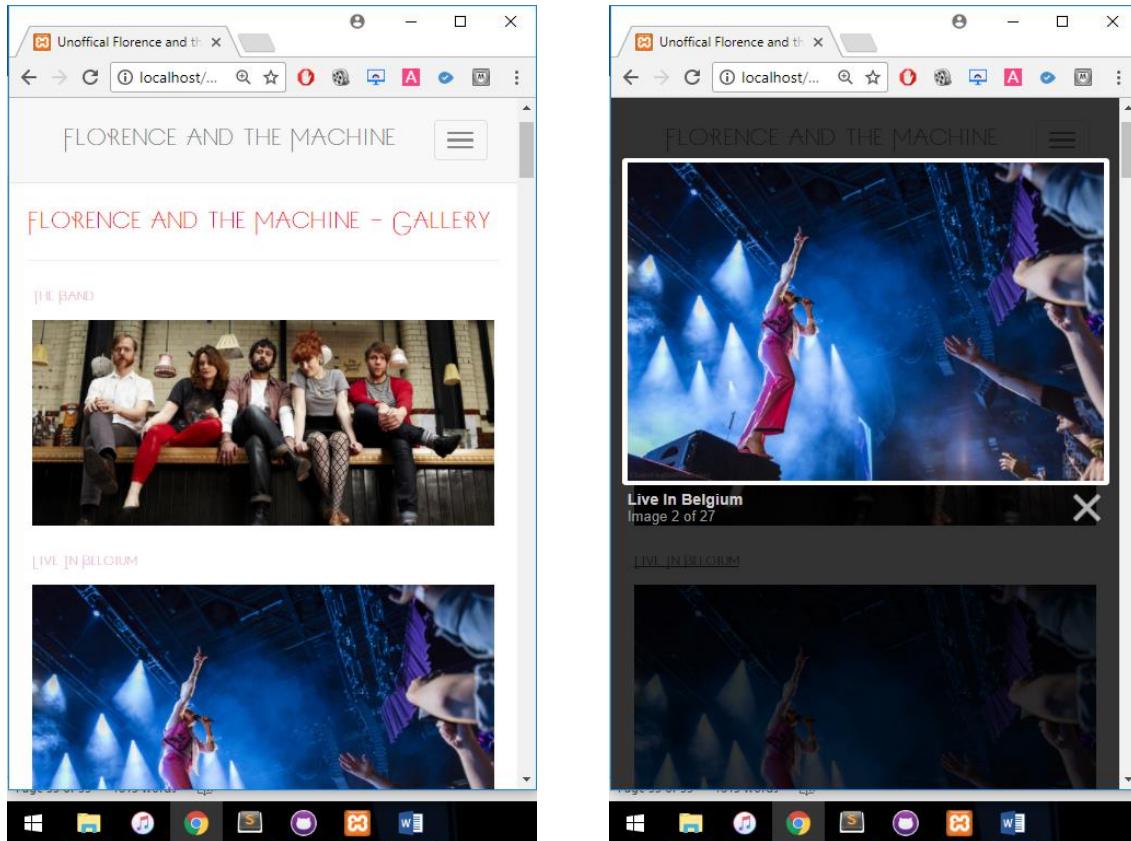


Figure 38/39: The Gallery Page (Smart Phone)

## Music

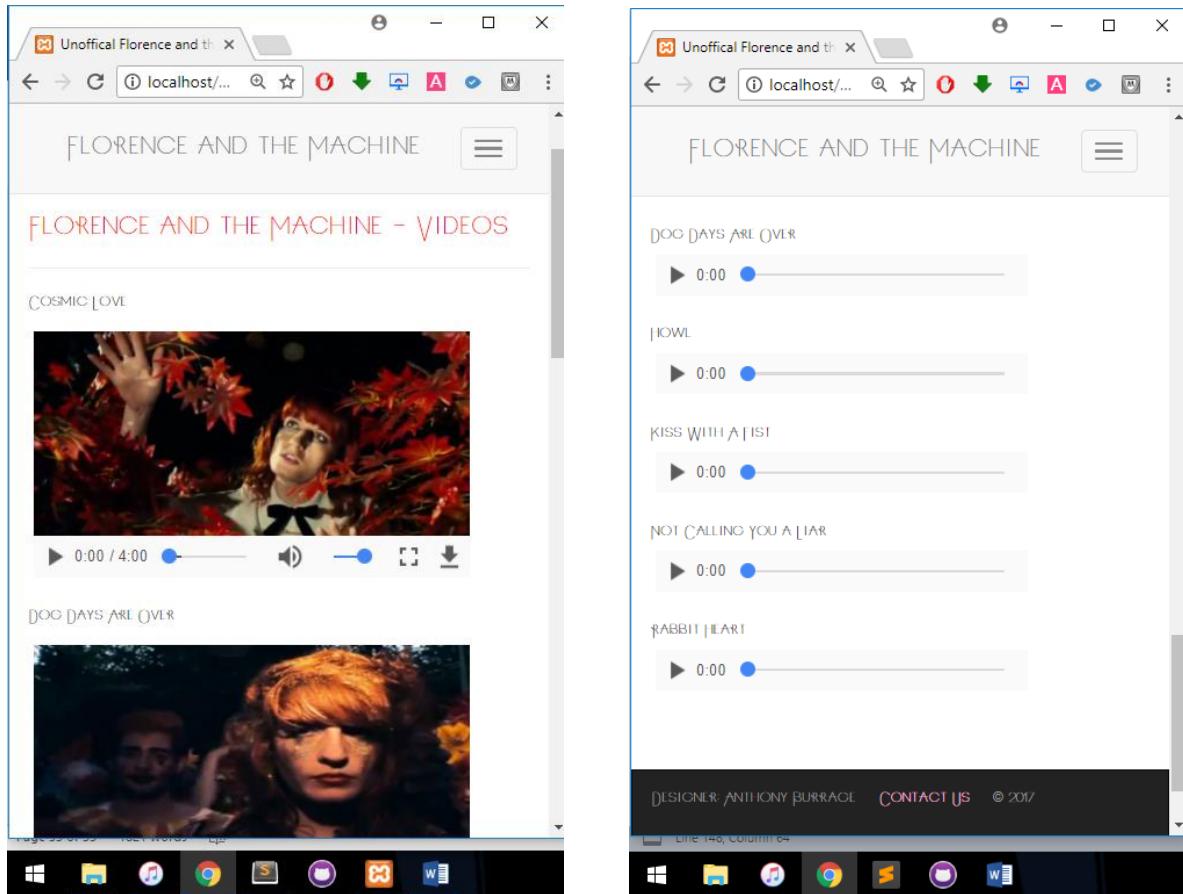


Figure 40/41: The Music Page (Smart Phone)

## Contact Us

A screenshot of a smartphone displaying a web browser window. The browser title bar reads "Unofficial Florence and the Machine". The address bar shows "localhost/...". The main content area of the browser displays a contact form for "FLORENCE AND THE MACHINE - CONTACT US". The form includes fields for "First Name\*", "Last Name\*", "Email\*", and "Query\*", each with a corresponding input box. To the right of the input boxes is a logo consisting of three nested triangles forming a stylized letter 'F'. Below the input fields is a "Submit" button. The bottom of the screen shows a taskbar with various application icons.

Figure 42: The Contact Use Page (Smart Phone)

## The Background

### The Files

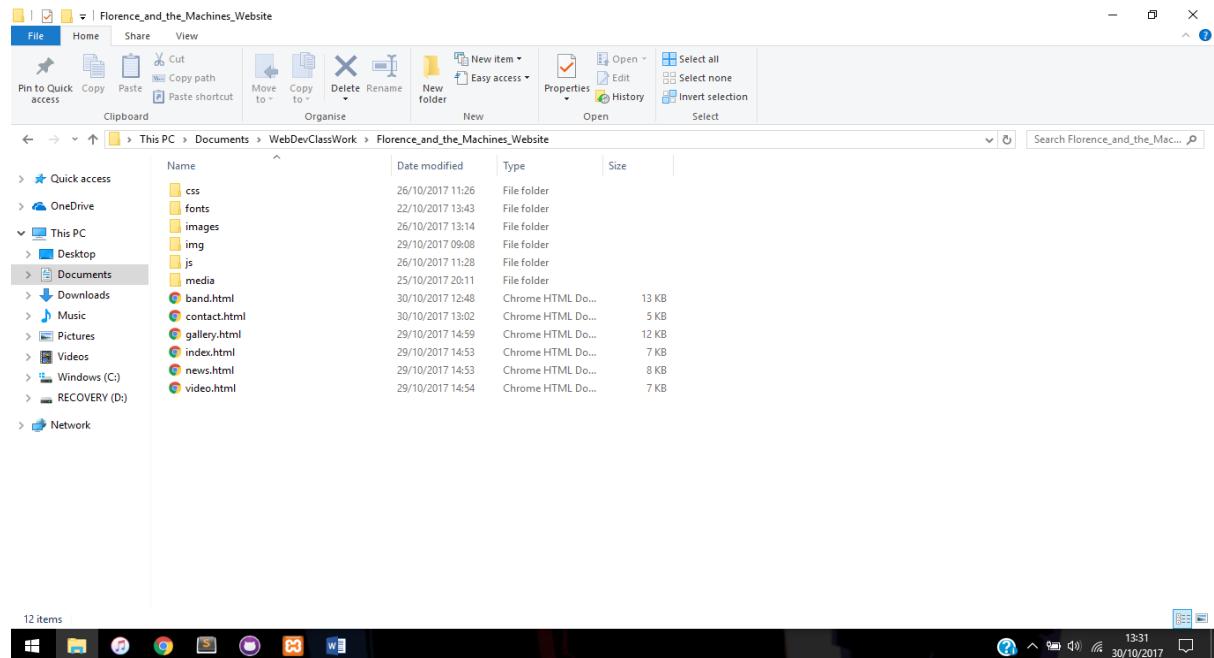


Figure 43: The Folders/HTML

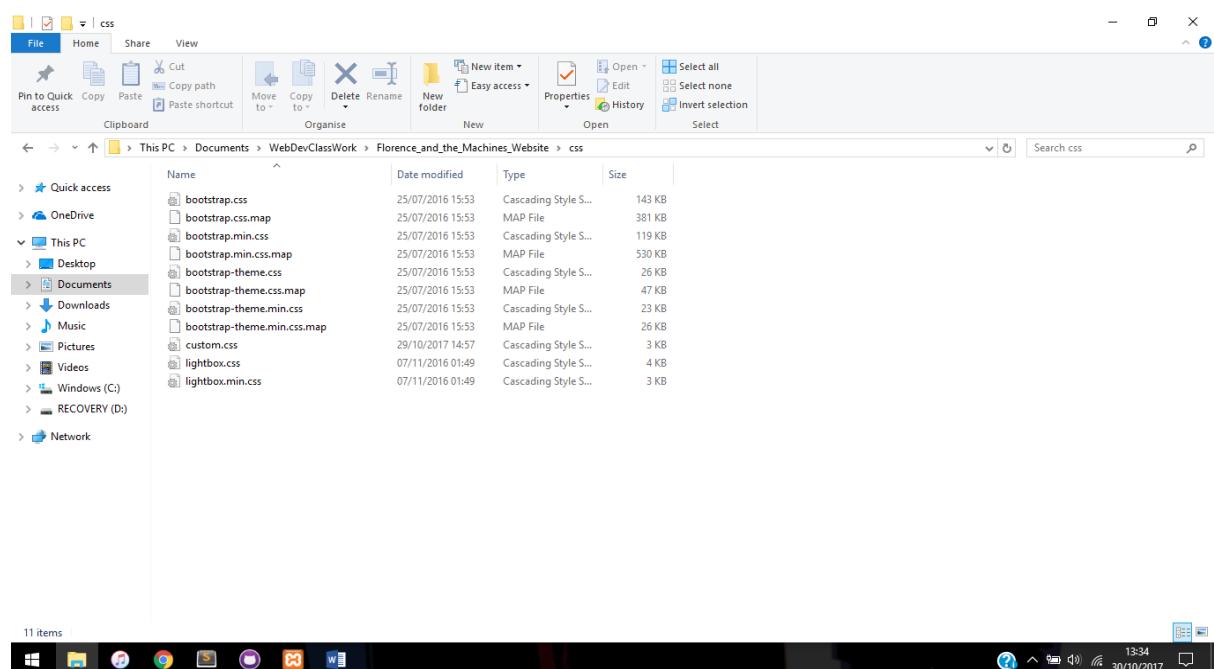
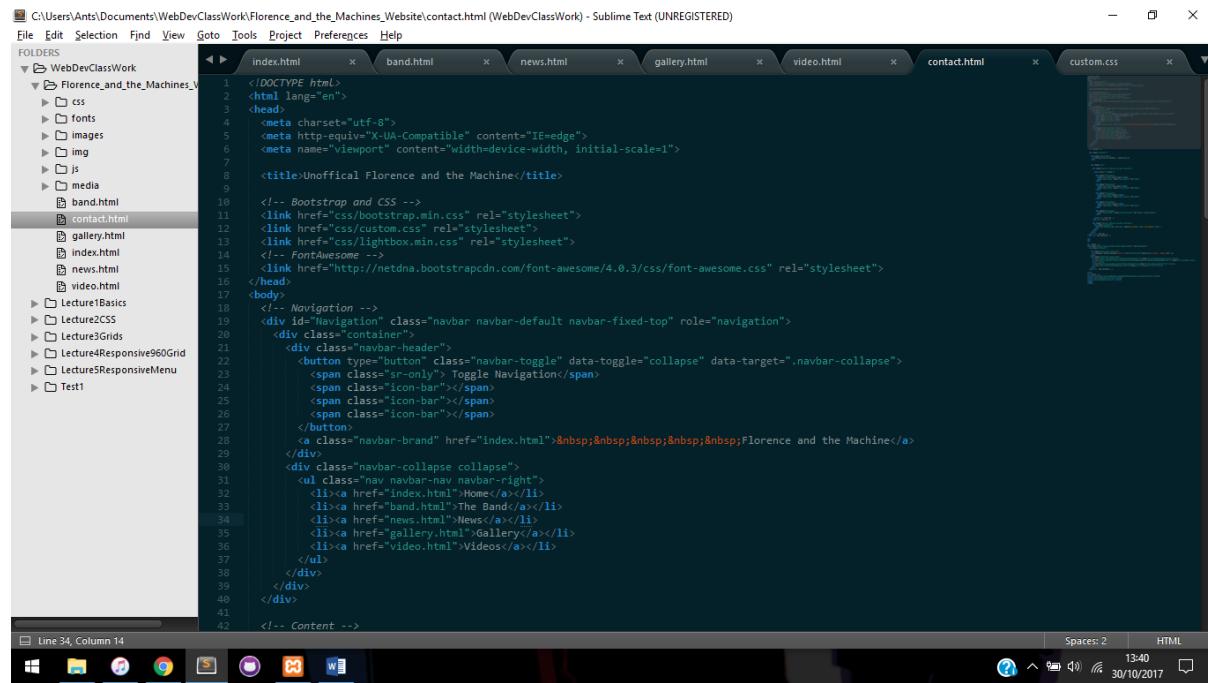


Figure 44: The CSS Files

## The Code

The Website was created using both HTML and CSS coding languages. All code is original and no copy and pasting occurred during the construction of this website. However, The Bootstrap and Lightbox CSS packages were used to aid in the design portion of the website. The Following are snippets of code to illustrate the work done and the layout.

**Note:** All Code is available within the Assignment package for closer inspection.



The screenshot shows a Sublime Text interface with several tabs open, displaying code for a website. The tabs include index.html, band.html, news.html, gallery.html, video.html, contact.html, and custom.css. The left sidebar shows a file tree for 'Florence\_and\_the\_Machines\_Website' containing folders like css, fonts, images, js, media, and various HTML files. The main view displays the content of 'contact.html'. The code is as follows:

```

1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1">
7
8     <title>Unofficial Florence and the Machine</title>
9
10    <!-- Bootstrap and CSS -->
11    <link href="css/bootstrap.min.css" rel="stylesheet">
12    <link href="css/custom.css" rel="stylesheet">
13    <link href="css/lightbox.min.css" rel="stylesheet">
14    <!-- FontAwesome -->
15    <link href="http://netdna.bootstrapcdn.com/font-awesome/4.0.3/css/font-awesome.css" rel="stylesheet">
16  </head>
17  <body>
18    <!-- Navigation -->
19    <div id="Navigation" class="navbar navbar-default navbar-fixed-top" role="navigation">
20      <div class="container">
21        <div class="navbar-header">
22          <button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
23            <span class="sr-only">Toggle Navigation</span>
24            <span class="icon-bar"></span>
25            <span class="icon-bar"></span>
26            <span class="icon-bar"></span>
27          </button>
28          <a class="navbar-brand" href="index.html">&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbspFlorence and the Machine</a>
29        </div>
30        <div class="navbar-collapse collapse">
31          <ul class="nav navbar-nav navbar-right">
32            <li><a href="index.html">Home</a></li>
33            <li><a href="band.html">The Band</a></li>
34            <li><a href="news.html">News</a></li>
35            <li><a href="gallery.html">Gallery</a></li>
36            <li><a href="video.html">Videos</a></li>
37          </ul>
38        </div>
39      </div>
40    </div>
41
42  <!-- Content -->

```

Figure 45: The Navigation Code

```

C:\Users\Ants\Documents\WebDevClassWork\Florence_and_the_Machines_Website\index.html (WebDevClassWork) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
FOLDERS
WebDevClassWork
Florence_and_the_Machines_Website
css
fonts
images
js
media
band.html
contact.html
gallery.html
index.html
news.html
video.htm
Lecture1Basics
Lecture2CSS
Lecture3Grids
Lecture4Responsive960Grid
LectureResponsiveMenu
Test1
index.html
<br>
<br>
<!-- Footer -->
<div class="navbar navbar-inverse navbar-static-bottom" role="navigation">
<div class="container">
<div class="navbar-text pull-left">
    <p>Designer: Anthony Burrage &copy; 2017 </p>
</div>
<div class="navbar-text pull-right">
    <a href="https://www.facebook.com/florenceandthemachine/">i class="fa fa-facebook-square fa-2x"></i></a>
    <a href="https://twitter.com/flo_tweet?ref_src=twsrc%5Egoogle%7Ctwgr%5EAauthor">i class="fa fa-twitter-square fa-2x"></i></a>
    <a href="https://www.youtube.com/user/florenceandthemachine">i class="fa fa-youtube-square fa-2x"></i></a>
    <a href="http://florenceandthemachine.net/">i class="fa fa-headphones fa-2x"></i></a>
</div>
</div> <!-- End Container -->
</div>
<!-- jQuery -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/lightbox.min.js"></script>
</body>
</html>

```

Figure 46: The Footer Code

```

C:\Users\Ants\Documents\WebDevClassWork\Florence_and_the_Machines_Website\index.html (WebDevClassWork) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
FOLDERS
WebDevClassWork
Florence_and_the_Machines_Website
css
fonts
images
js
media
band.html
contact.html
gallery.html
index.html
news.html
video.htm
Lecture1Basics
Lecture2CSS
Lecture3Grids
Lecture4Responsive960Grid
LectureResponsiveMenu
Test1
index.html
<div class="container">
<!-- Carousel -->
<div class="row">
<div class="col-md-12 col-lg-12">
    <div id="sliderhome" class="carousel slide" data-interval="5000" data-ride="carousel" data-wrap="true" data-pause="hover">
        <!-- Carousel Content -->
        <div class="carousel-inner" role="listbox">
            <div class="item active" style="max-height: 480px;">
                
                <div class="carousel-caption">
                    <h1>Florence and the Machine</h1>
                    <p>Welcome To The #1 Un-Official Website For All Things Florence and the Machine</p>
                </div>
            </div>
            <div class="item" style="max-height: 480px;">
                
                <div class="carousel-caption">
                    <h1>Florence and the Machine</h1>
                    <p>Welcome To The #1 Un-Official Website For All Things Florence and the Machine</p>
                </div>
            </div>
            <div class="item" style="max-height: 480px;">
                
                <div class="carousel-caption">
                    <h1>Florence and the Machine</h1>
                    <p>Welcome To The #1 Un-Official Website For All Things Florence and the Machine</p>
                </div>
            </div>
        </div>
    </div>
    <!-- End Carousel -->

```

Figure 47: The Carousel Code

C:\Users\Ants\Documents\WebDevClassWork\Florence\_and\_the\_Machines\_Website\css (WebDevClassWork) - Sublime Text (UNREGISTERED)

File Edit Selection Find Goto Tools Project Preferences Help

FOLDERS

- WebDevClassWork
  - Florence\_and\_the\_Machines\_Website
    - css
    - fonts
    - images
    - img
    - js
    - media
      - band.html
      - contact.html
      - gallery.html
      - index.html
      - news.html
      - video.html
- Lecture1Basics
- Lecture2CSS
- Lecture3Grids
- Lecture4Responsive960Grid
- Lecture5ResponsiveMenu
- Test1

index.html x band.html x news.html x gallery.html x video.html x contact.html x custom.css x

```
1 /* Typography */
2
3 @font-face {
4   font-family: how_bold;
5   src: url(../fonts/How_Bold.otf);
6 }
7
8 @font-face {
9   font-family: how_regular;
10  src: url(../fonts/How-Regular.otf);
11 }
12
13 @font-face {
14   font-family: how_thin;
15   src: url(../fonts/How_Thin.otf);
16 }
17
18 .navbar-brand {
19   font-family:how_bold, sans-serif;
20   font-size: 24px;
21 }
22
23 .navbar-text, .pull-left{
24   font-family:how_bold, sans-serif;
25   /*font-size: 14px; */
26 }
27
28 .page-header{
29   padding-top: 10px;
30 }
31
32 b{
33   font-family:how_bold, sans-serif;
34   color: red;
35 }
36
37 h1, h2, h3, h4, h5, h6 {
38   font-family:how_bold, sans-serif;
39   color: red;
40 }
```

17 characters selected Tab Size: 4 13:44 30/10/2017 CSS

Figure 48: Custom CSS

C:\Users\Ants\Documents\WebDevClassWork\Florence\_and\_the\_Machines\_Website\css\custom.css (WebDevClassWork) - Sublime Text (UNREGISTERED)

File Edit Selection Find Goto Tools Project Preferences Help

FOLDERS

- WebDevClassWork
  - Florence\_and\_the\_Machines\_Website
    - css
    - fonts
    - images
    - img
    - js
    - media
      - band.html
      - contact.html
      - gallery.html
      - index.html
      - news.html
      - video.html
  - Lecture1Basics
  - Lecture2CSS
  - Lecture3Grids
  - Lecture4Responsive960Grid
  - Lecture5ResponsiveMenu
  - Test1

index.html x band.html x news.html x gallery.html x video.html x contact.html x custom.css

```
1.27 /* Media Query 750px */
1.28
1.29
1.30
1.31
1.32
1.33
1.34
1.35
1.36
1.37
1.38
1.39
1.40
1.41
1.42
1.43
1.44
1.45
1.46
1.47
1.48
1.49
1.50
1.51
1.52
1.53
1.54
1.55
1.56
1.57
1.58
1.59
1.60
1.61
1.62
1.63
1.64
1.65
1.66
1.67
1.68

/* Media Query 750px */

@media screen and (max-width: 750px) {
    /* Typography */
    .page-header > h2 {
        font-size: 24px;
    }
    .page-header > h3 {
        font-size: 18px;
    }
    /* Navigation */
    p{
        font-size: 13px;
    }
    li{
        font-size: 13px;
    }
}

/* End Media Query 750px */

/* Media Query 480px */

@media screen and (max-width: 480px){
    /* Typography */
    .navbar-brand {
        font-family: how_bold, sans-serif;
        font-size: 20px;
    }
}
```

17 characters selected Tab Size: 4 13:45 CSS 30/10/2017

Figure 49: Custom Media Queries

## Validation and Sources

To keep with web development/design best practices, each of the HTML and “Custom” CSS files were put through the W3C Validator. Some minor errors and warnings occurred with the websites interaction with Bootstrap, but the website remains fully functional. The following are the results found.

### W3C Validator

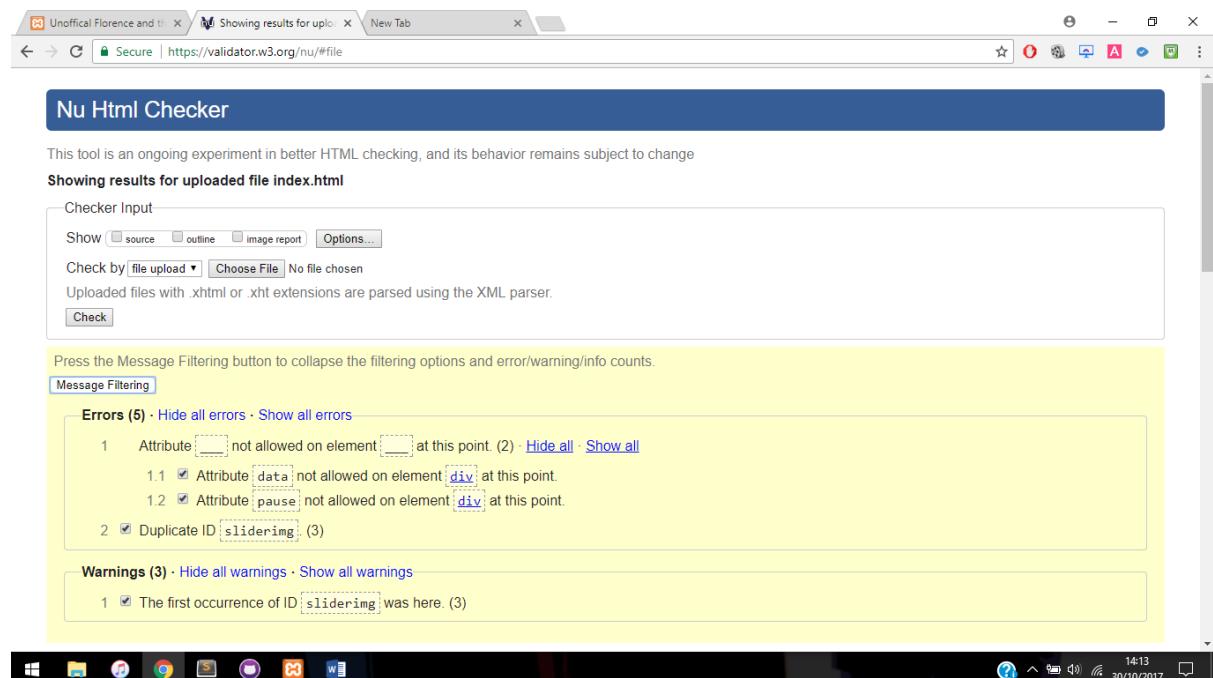


Figure 50: Home Page Check (index.html)

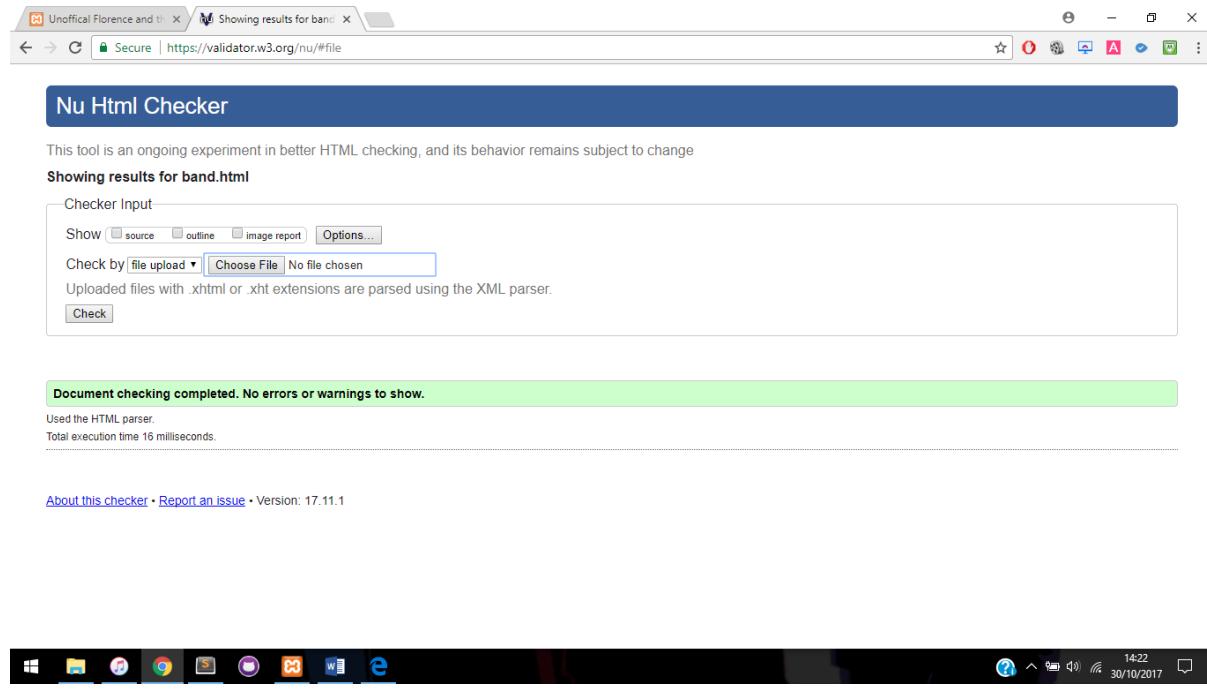


Figure 51: The Band Page Check (band.html)

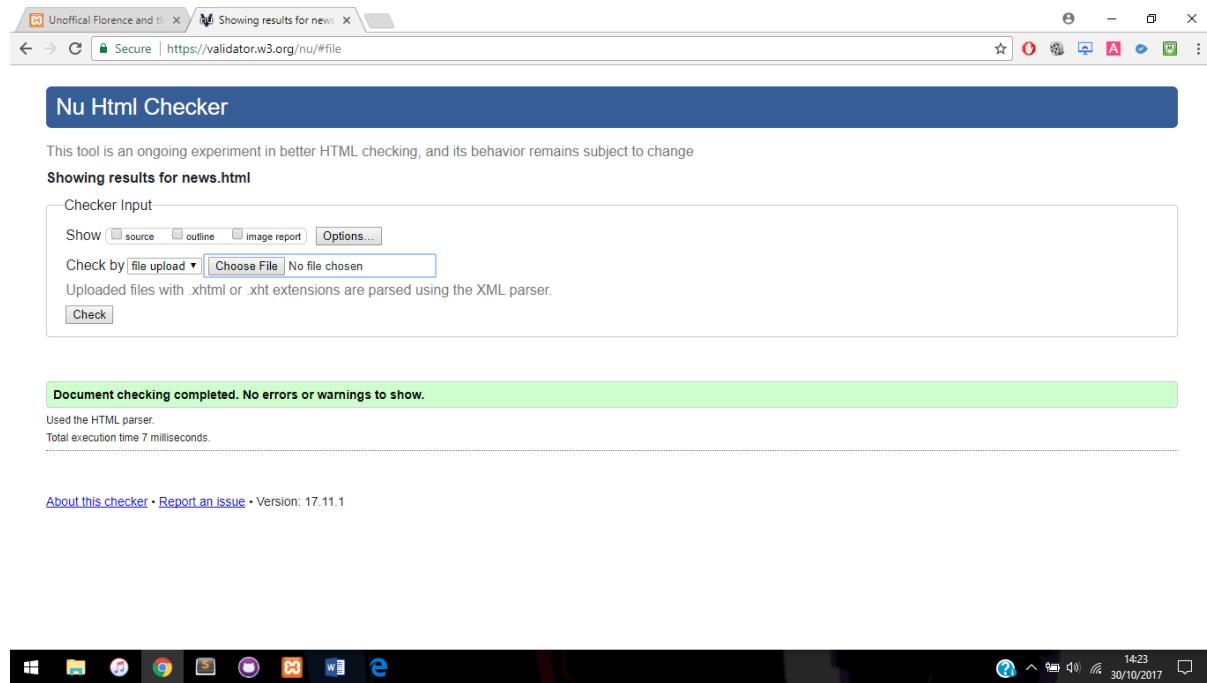


Figure 52: The News Page Check (news.html)

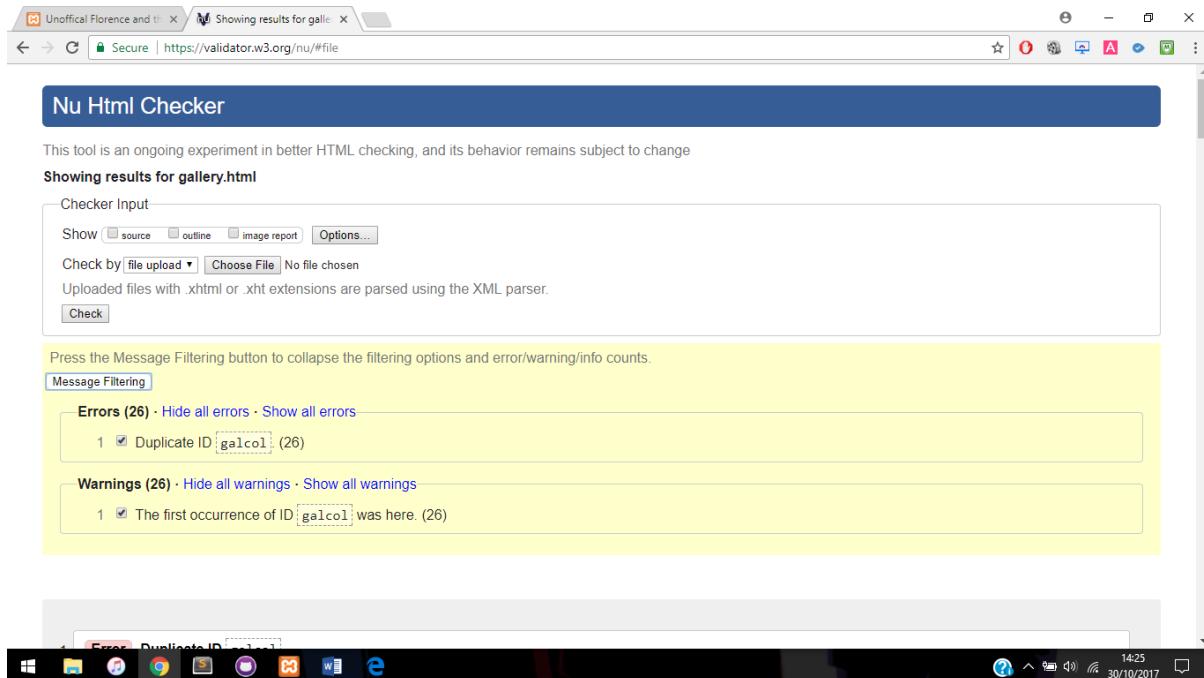


Figure 53: The Gallery Page Check (gallery.html)

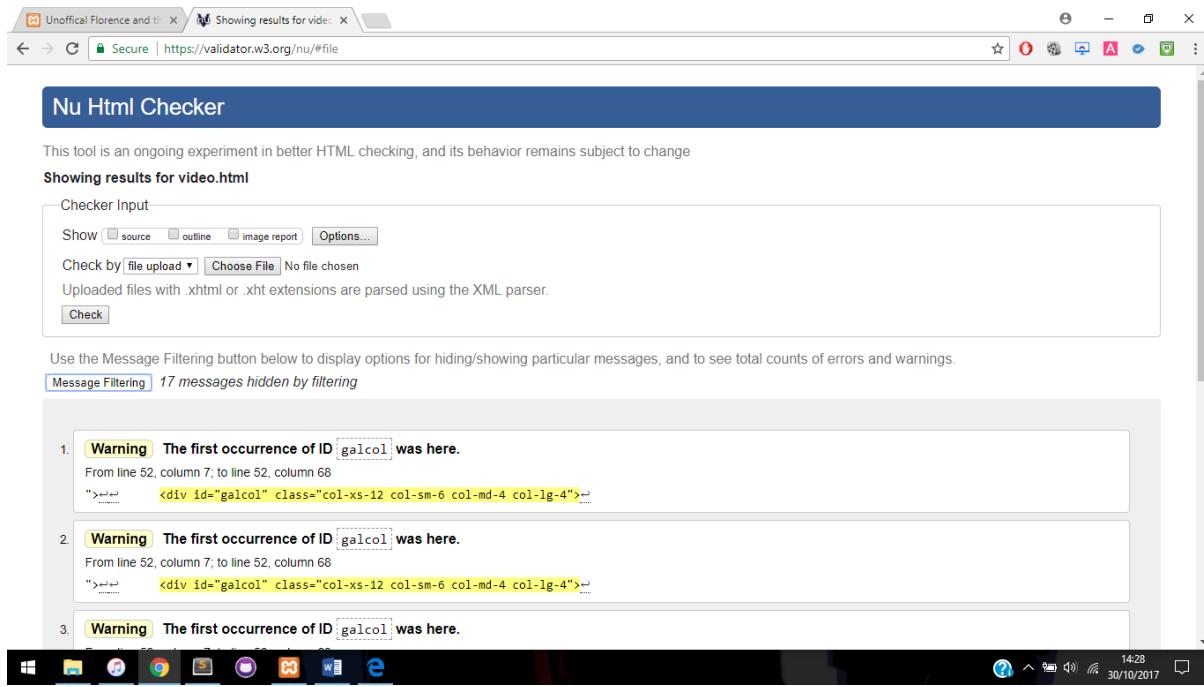


Figure 54: The Music Page Check (video.html)

The screenshot shows the Nu Html Checker interface. At the top, it says "Showing results for contact.html". Below that is a "Checker Input" section with options like "source", "outline", "image report", and "Options...". A "Check by" dropdown is set to "file upload" with a "Choose File" button and a message "No file chosen". It also notes that ".xhtml or .xht files are parsed using the XML parser". A "Check" button is present. Below this, a message filtering section indicates "6 messages hidden by filtering". A green bar at the bottom states "Document checking completed. No errors or warnings to show." Other details include "Used the HTML parser" and "Total execution time 11 milliseconds". At the bottom, links for "About this checker", "Report an Issue", and "Version: 17.11.1" are shown.



Figure 55: The Contact Us Page Check (contact.html)

The screenshot shows the W3C CSS Validator results for "custom.css (CSS level 3)". A green bar at the top says "Congratulations! No Error Found." It notes that the document validates as "CSS level 3". Below this, there's a section for displaying the "Valid CSS" icon, with two examples provided. The examples show the HTML code for linking to the validator and the resulting "Valid CSS" icons. The taskbar at the bottom shows multiple media files and the date/time as 02/11/2017 and 12:33.

Figure 56: The Custom CSS Check (custom.css)

## **Sourcing**

During the construction of this website various image, literature and videos/audio were borrowed from external sources. The following is a table of each attribute used and its origin. Copy Right/Licencing varies from image to image but the general comment from each source is “Image may be copy righted”.

<b>File Name</b>	<b>Source</b>
3Arena.jpg	londonnewspictures.photoshelter.com
02Arena.jpg	londonnewspictures.photoshelter.com
Lungs.jpg	<a href="https://www.besteveralbums.com/albumart/album_large_6514_4e3fa6fe1a978.jpg">https://www.besteveralbums.com/albumart/album_large_6514_4e3fa6fe1a978.jpg</a>
Art1.jpg	<a href="https://i.pinimg.com/originals/0f/b5/08/0fb50862dc8afa58ad0ba58f5aa875c5.jpg">https://i.pinimg.com/originals/0f/b5/08/0fb50862dc8afa58ad0ba58f5aa875c5.jpg</a>
Art2.jpg	<a href="https://i.pinimg.com/originals/7f/36/cb/7f36cb51651e550836b3d83a08c04920.jpg">https://i.pinimg.com/originals/7f/36/cb/7f36cb51651e550836b3d83a08c04920.jpg</a>
Art3.jpg	<a href="https://cdn1.thehunt.com/app/public/system/zine_images/10774629/original/16a2ed394b32a89103f08df34f9d1a73.jpeg">https://cdn1.thehunt.com/app/public/system/zine_images/10774629/original/16a2ed394b32a89103f08df34f9d1a73.jpeg</a>
Art4.jpg	<a href="https://storage.googleapis.com/live_project_images_0003/8/708155-l-1462242740.jpg">https://storage.googleapis.com/live_project_images_0003/8/708155-l-1462242740.jpg</a>
Art5.jpg	<a href="https://i.pinimg.com/736x/b5/b2/90/b5b29013c8d9afde2e13d6f40ef3c98f--florence-and-the-machine-florence-the-machines.jpg">https://i.pinimg.com/736x/b5/b2/90/b5b29013c8d9afde2e13d6f40ef3c98f--florence-and-the-machine-florence-the-machines.jpg</a>
Art6.jpg	<a href="https://i.pinimg.com/736x/b8/8a/10/b88a10fa73dbebd9d5a1abd16d1b7dec--florence--the-machine-florence-welch-tattoo.jpg">https://i.pinimg.com/736x/b8/8a/10/b88a10fa73dbebd9d5a1abd16d1b7dec--florence--the-machine-florence-welch-tattoo.jpg</a>
Art7.jpg	<a href="https://i.pinimg.com/236x/d2/af/0f/d2af0fc4a238291d8a9100e982c2303d--event-posters-band-posters.jpg">https://i.pinimg.com/236x/d2/af/0f/d2af0fc4a238291d8a9100e982c2303d--event-posters-band-posters.jpg</a>
Art8.jpg	<a href="http://411posters.com/wp-content/uploads/2011/12 smith-florence-and-the-machine.jpg">http://411posters.com/wp-content/uploads/2011/12 smith-florence-and-the-machine.jpg</a>
Art9.jpg	<a href="https://i.pinimg.com/736x/ed/19/72/ed19720bccea806764a699250685d291--band-posters-music-posters.jpg">https://i.pinimg.com/736x/ed/19/72/ed19720bccea806764a699250685d291--band-posters-music-posters.jpg</a>
Art10.jpg	<a href="https://www.artflakes.com/artwork/products/676490/zoom/large.jpg?1318111991">https://www.artflakes.com/artwork/products/676490/zoom/large.jpg?1318111991</a>
Art11.jpg	<a href="https://www.artflakes.com/artwork/products/676740/zoom/red-florence.jpg?1318901991">https://www.artflakes.com/artwork/products/676740/zoom/red-florence.jpg?1318901991</a>
Art12.jpg	<a href="https://talenthouser.es.cloudinary.com/image/upload/c_fill,f_auto,h_853,w_640/v1441737528/user-402183/submissions/vmfyi0ptq6qqf9phbjes.jpg">https://talenthouser.es.cloudinary.com/image/upload/c_fill,f_auto,h_853,w_640/v1441737528/user-402183/submissions/vmfyi0ptq6qqf9phbjes.jpg</a>
How_Big.jpg	<a href="http://florenceandthemachine.net/wp-content/themes/florenceandthemachine/assets-phase-3/img/sleeve.jpg">http://florenceandthemachine.net/wp-content/themes/florenceandthemachine/assets-phase-3/img/sleeve.jpg</a>
Florenceandthe machine.jpg	<a href="https://i.pinimg.com/originals/85/86/96/858696440813b1014cefef45bb327da76.jpg">https://i.pinimg.com/originals/85/86/96/858696440813b1014cefef45bb327da76.jpg</a>

Ceremonials.jpg	<a href="https://media.pitchfork.com/photos/5929b1f5ea9e61561daa6863/1:1/w_600/782ca7d9.jpg">https://media.pitchfork.com/photos/5929b1f5ea9e61561daa6863/1:1/w_600/782ca7d9.jpg</a>
Nobel.jpg	<a href="http://www3.pictures.zimbio.com/gi/Florence+Welch+Nobel+Peace+Prize+Concert+K9xiWvRm_2OI.jpg">http://www3.pictures.zimbio.com/gi/Florence+Welch+Nobel+Peace+Prize+Concert+K9xiWvRm_2OI.jpg</a>
Belgium_Concert.jpg	<a href="https://upload.wikimedia.org/wikipedia/commons/thumb/f/f7/FLORENCE_%25THE_%25256-15_%25Rock_%25Werchter%25C_Belgium_%252835319651032%2529.jpg/1200px-FLORENCE_%25B_THE_%25THE_%256-15_%25Rock_%25Werchter%25C_Belgium_%252835319651032%2529.jpg">https://upload.wikimedia.org/wikipedia/commons/thumb/f/f7/FLORENCE_%25THE_%25256-15_%25Rock_%25Werchter%25C_Belgium_%252835319651032%2529.jpg/1200px-FLORENCE_%25B_THE_%25THE_%256-15_%25Rock_%25Werchter%25C_Belgium_%252835319651032%2529.jpg</a>
Blue_Concert.jpg	<a href="https://dncache-mauganscorp.netdna-ssl.com/thumbseg/1392/1392485-bigthumbnail.jpg">https://dncache-mauganscorp.netdna-ssl.com/thumbseg/1392/1392485-bigthumbnail.jpg</a>
Flo_Sheffield_14.jpg	<a href="https://upload.wikimedia.org/wikipedia/commons/thumb/5/5f/Florence_and_the_Machine_%28222117304699%29.jpg/1200px-Florence_and_the_Machine_%28222117304699%29.jpg">https://upload.wikimedia.org/wikipedia/commons/thumb/5/5f/Florence_and_the_Machine_%28222117304699%29.jpg/1200px-Florence_and_the_Machine_%28222117304699%29.jpg</a>
Florence-And-The-Machine1.jpg	<a href="http://ksassets.timeincuk.net/wp/uploads/sites/55/2015/02/2015FlorenceAndTheMachine_FlorenceWelch_Press_TomBeard_120215-1.jpg">http://ksassets.timeincuk.net/wp/uploads/sites/55/2015/02/2015FlorenceAndTheMachine_FlorenceWelch_Press_TomBeard_120215-1.jpg</a>
Florence-And-The-Machine2.jpg	<a href="http://diffuser.fm/files/2015/12/Florence-and-the-Machine.jpg?w=630&amp;h=420&amp;zc=1&amp;s=0&amp;a=t&amp;q=89">http://diffuser.fm/files/2015/12/Florence-and-the-Machine.jpg?w=630&amp;h=420&amp;zc=1&amp;s=0&amp;a=t&amp;q=89</a>
Together.jpg	<a href="http://missdavinalee.com/images/mdl.jpg">http://missdavinalee.com/images/mdl.jpg</a>
Welch.jpg	<a href="http://i.telegraph.co.uk/multimedia/archive/03356/flo-2_3356325b.jpg">http://i.telegraph.co.uk/multimedia/archive/03356/flo-2_3356325b.jpg</a>
Welch2.jpg	<a href="https://www.google.ie/search?biw=1366&amp;bih=662&amp;tbo=isch&amp;sa=1&amp;ei=b8X3WZ6_L8uyaeOlsJAH&amp;q=florence+and+the+machine+getty&amp;oq=florence+and+the+machine+getty&amp;gs_l=psy-ab.3...223278.224081.0.224248.5.5.0.0.0.201.709.0j4j1.5.0....0...1.1.64.psy-ab..0.3.431...0j0i24k1.0.vIlekTHA0B4#imgdii=Ma766GIV79pMyM:&amp;imgrc=ura2hoqvw4VEGM:">https://www.google.ie/search?biw=1366&amp;bih=662&amp;tbo=isch&amp;sa=1&amp;ei=b8X3WZ6_L8uyaeOlsJAH&amp;q=florence+and+the+machine+getty&amp;oq=florence+and+the+machine+getty&amp;gs_l=psy-ab.3...223278.224081.0.224248.5.5.0.0.0.201.709.0j4j1.5.0....0...1.1.64.psy-ab..0.3.431...0j0i24k1.0.vIlekTHA0B4#imgdii=Ma766GIV79pMyM:&amp;imgrc=ura2hoqvw4VEGM:</a>
Welch3.jpg	<a href="http://ksassets.timeincuk.net/wp/uploads/sites/55/2015/12/2015FlorenceWelch_FlorenceAndTheMachine_GettyImages-489497818220915-1-620x411.jpg">http://ksassets.timeincuk.net/wp/uploads/sites/55/2015/12/2015FlorenceWelch_FlorenceAndTheMachine_GettyImages-489497818220915-1-620x411.jpg</a>
Welch4.jpg	<a href="http://c8.alamy.com/comp/F5AH61/2015-mercury-prize-nominee-florence-welch-of-florence-and-the-machine-F5AH61.jpg">http://c8.alamy.com/comp/F5AH61/2015-mercury-prize-nominee-florence-welch-of-florence-and-the-machine-F5AH61.jpg</a>
Harp.jpg	<a href="http://archive.boudist.com/wp-content/uploads/2011/11/Florence-and-The-Machine-025.jpg">http://archive.boudist.com/wp-content/uploads/2011/11/Florence-and-The-Machine-025.jpg</a>

Videos/Audio were extracted from the Vevo Florence and the Machine page on YouTube using Convert2mp3.net. (2017 Vevo LLC, All Rights Reserved)

## Conclusion

### The Brief

The briefs specifications were met on all fronts and presents Florence and the Machine as a popular and modern Band to the required demographic. The website is clean, polished, easy to navigate and provides both dynamic and static interaction for an engaging experience. There is plenty of content for the user to look through without being too much to the point of overwhelming them.

### Responsivity

The website is fully responsive to all screen sizes (Desktop, Smart Phone, Tablet) while maintaining a clear layout and interaction. There is a minor side scroll on "The Band" page which was looked at, but a solution was unfortunately not found. This issue will be remedied in future projects.

### Aesthetics/Content

Aesthetically it was decided to use a contemporized colour scheme. Navigation, column divisions, footers etc were coloured White and Mars Grey as it was believed the graphics would provide more than enough colour visually. Further colour would only be overwhelming to the eye.

**Note:** For the purposes of this assignment content in the News, Gallery and Music pages were not over embellished, if this website were to go live then further content would have been added.

## **The Code**

The code is clean and is easily readable and navigate through with a well laid out folder system. As previously mentioned the brief only required front end development. Regarding the functionality, the Contact Page does not allow messages to be sent at this point.

## **Colour Blindness Results**

Regarding colour blindness tests, all pages of the website were analysed using the Google Extension “Spectrum” with specific attention paid to the conditions Protanopia, Deuteranopia and Tritanopia. In each instance all pages passed and remained visually available to the user.

## **The Future**

In future, further interaction will be implemented using PHP and JavaScript etc. Examples of which being a login system, forums, messaging etc. This will allow fans of Florence and the Machine to interact more and allow discussion.

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