Web Development – Julia Bonello group B

Task 1

Part 1

1. 3 user personas, I sent these questionnaires to the people I saw fit for this.

Link – to the questionnaire.

First persona- Luke

27 years old, occupation is video editing.

Huge enthusiast of video games.

A metalhead who frequently attends events.

Talented artist who likes to paint and draw in his own time.

Considers himself a geek who likes to stay up to date on the newest technologies.

Has a sharp intelligent mind and likes to work out riddles and challenges.

Is a really imaginative person who always comes up with fresh concepts for his video productions.

Careful in his work and strives for excellence.

A skilled Computer player who frequently uses his gaming setup.

Is skilled at using a variety of video editing programs, including Final Cut Pro and Adobe Premiere Pro.

Has a variety of high-end gaming accessories, including a gaming mouse, mechanical keyboard, and headset, to improve his gaming experience.

Second persona- Daniel

25 years old, occupation is art teacher.

A passionate reader who appreciates a wide range of genres, from traditional literature to modern fiction.

Enjoys jazzy rock and metal songs, as well as attending concerts.

Loves playing medieval-themed video games, especially Roleplaying and strategy titles.

A film enthusiast who appreciates a variety of genres

Very intelligent and likes having in-depth discussions about art, philosophy, and literature.

Eager to experiment with new things, whether it's a new video game or music genre.

Has an excellent imagination and delights in discovering new worlds via movies, video games, or books.

He likes studying and analysing the ideas and motifs in his favourite novels, movies, and video games.

Uses Netflix or other streaming service subscription to view movies and TV shows whenever he wants.

Has a strong graphics card and a gaming Computer to offer a pleasant gaming experience.

Third persona- Cesco

30 years old, occupation is art department in the film industry.

Loves music and is a fan of many different genres, such as metal, 80s rock, and soundtracks.

In his free time, he plays the guitar and the drums.

A gifted artist who likes to create art while listening to music.

Though he doesn't play video games frequently, he occasionally loves some Video gaming.

Extremely creative person who likes using many artistic mediums to express himself.

Loves to share his knowledge and excitement to others and is incredibly passionate about music, movies, and the arts.

Pays close attention to detail and pursues excellence in his work.

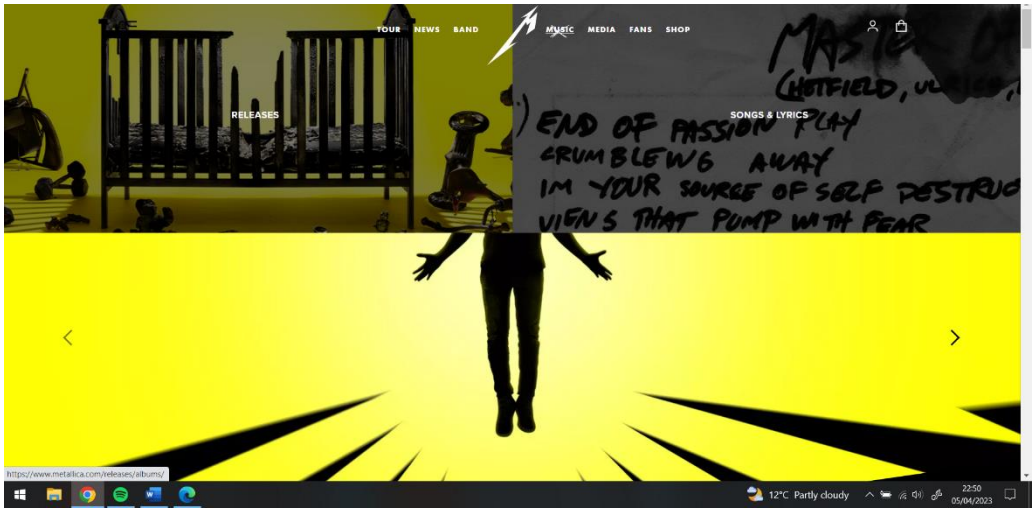
A free thinker who loves stepping out on his own to explore new ideas.

Whether working or playing video games, he listens to music using quality headphones.

During free time he uses a digital audio workstation to create and edit music.

2. Identify 3 websites that s that fit into the scope of my tribute website.

Metallica website-


TOUR
NEWS
BAND
MUSIC
MEDIA
FANS
SHOP
RELEASES
SONGS & LYRICS
https://www.metallica.com/releases/albums/
12°C Partly cloudy
22:50
05/04/2023

"72 SEASONS" GLOBAL PREMIERE
Join your fellow Metallica family members around the world for the Global Premiere of our new album 72 Seasons, in cinemas worldwide on April 13!
BUY TICKETS
12°C Partly cloudy
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05/04/2023

Messengers
JAMES HETFIELD
October 17, 2023
AVAILABLE FOR PRE-ORDER NOW
LIVE METALLICA SALE
20% OFF LIVE METALLICA CDS
ENDS APRIL 10 AT 9AM PDT
12°C Partly cloudy
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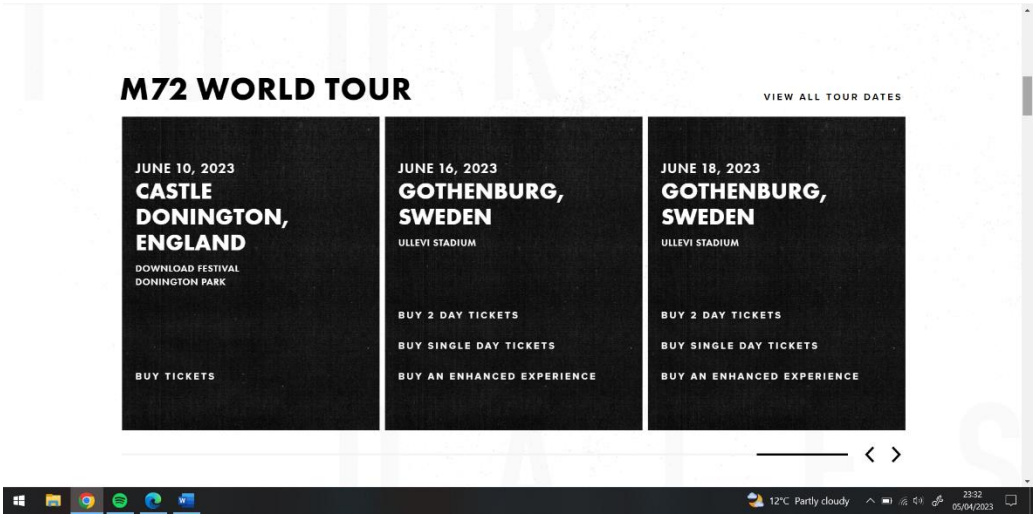
05/04/2023

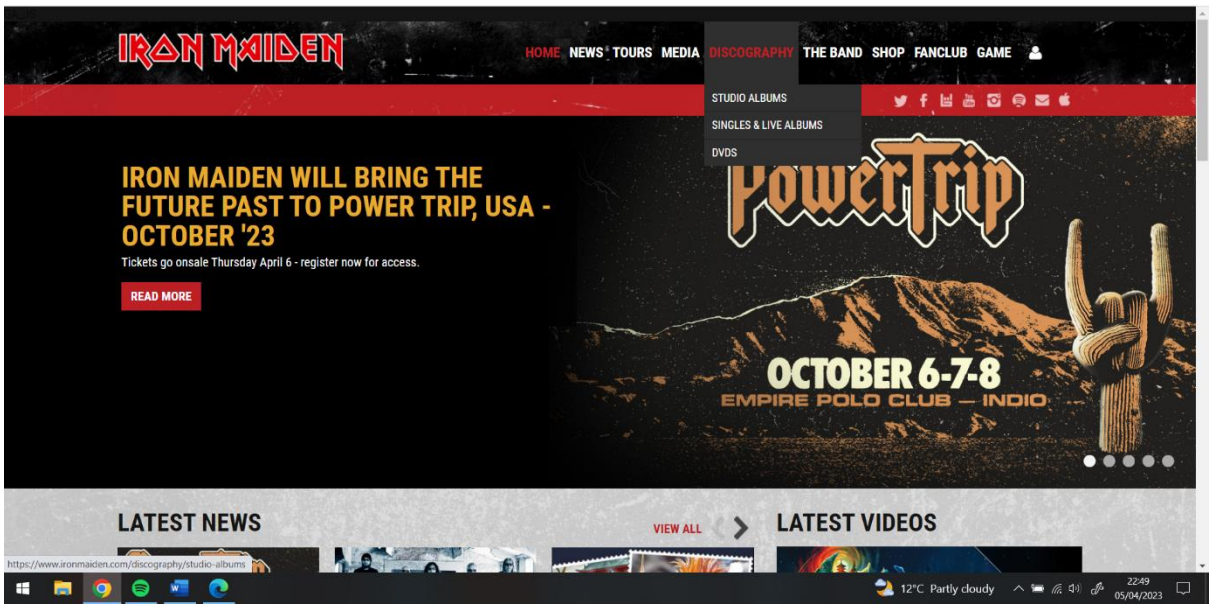


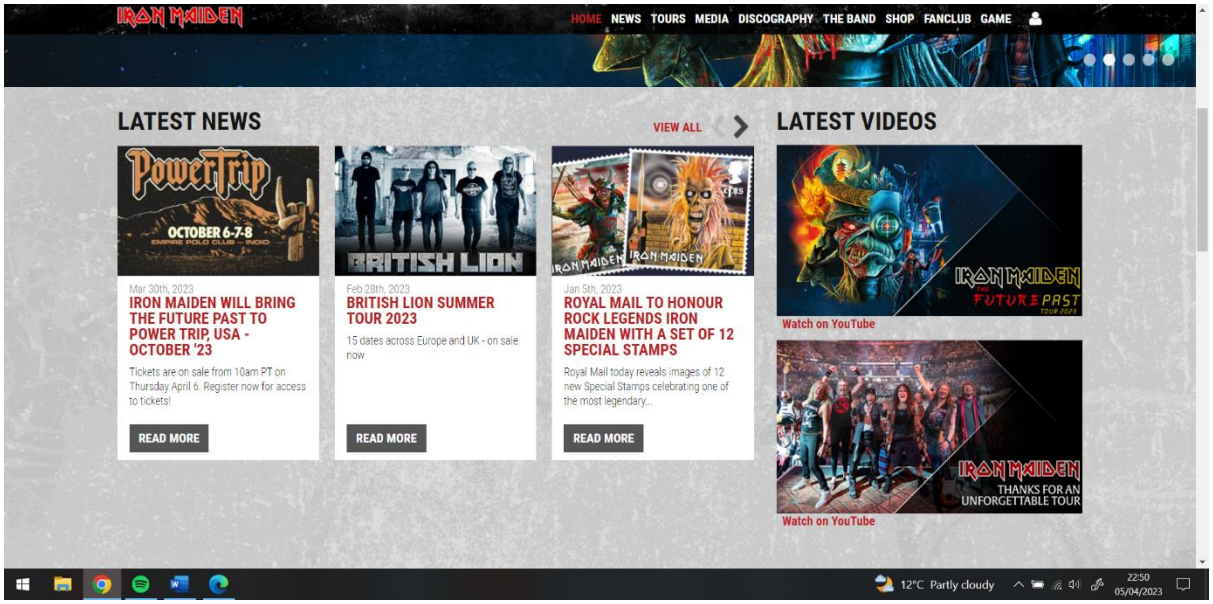
- The website has a bold colour palette with red, black, yellow, and white that is appropriate for the metal genre.
- To display the band's personality and aesthetic, the website makes use of pictures of the band members in their natural settings, live performances, and album covers.
- Users may easily find the information they need on the website because to it has a well-organized navigation menu with dropdown choices.
- Fans may read the most recent band announcements, events, and releases in the news area of the website.

➢ The homepage of the website offers a ton of material, which some users may find overwhelming.

The three replies I received all mentioned a preference for bold black colours and typography, therefore they all mentioned they would like the website simple yet with a striking design.

Iron Maiden website-



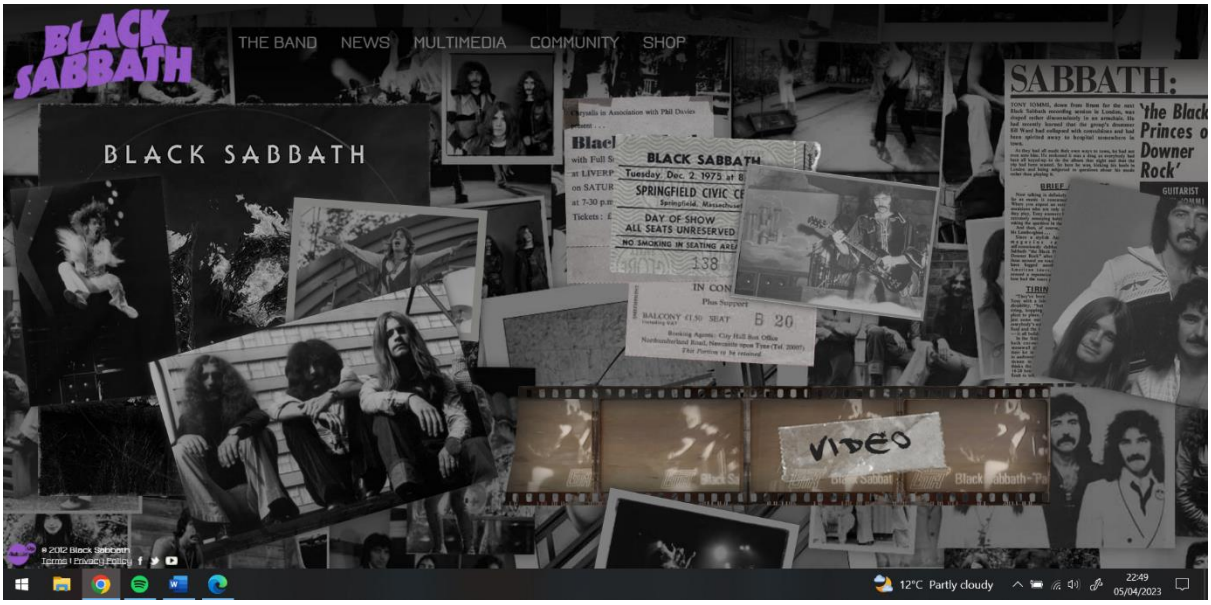


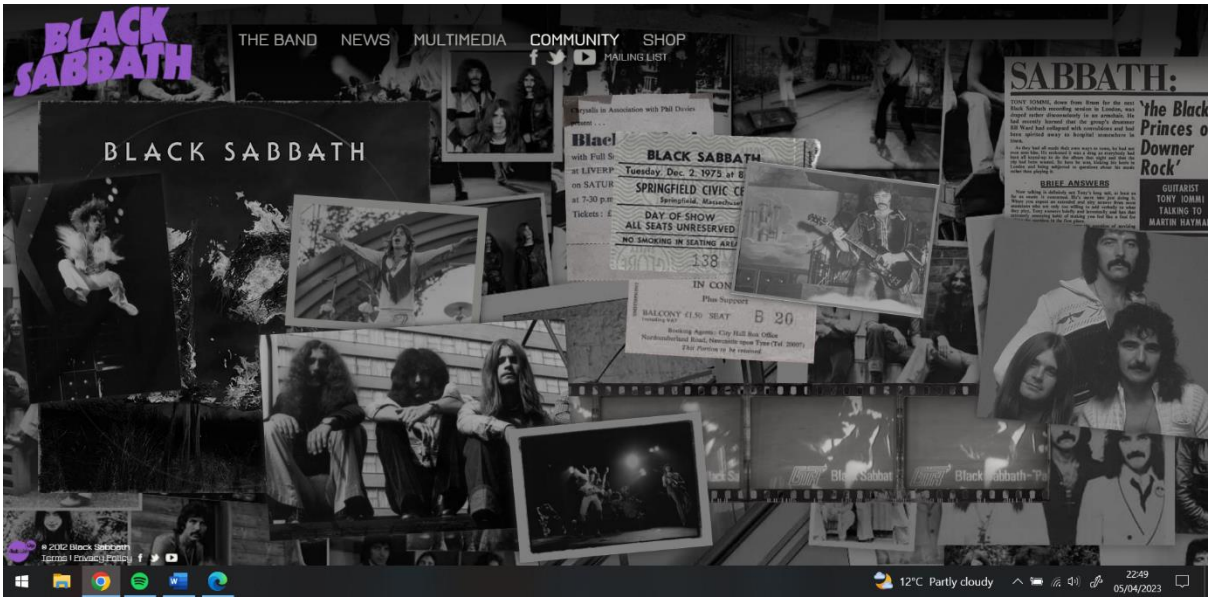
- The website's harsh, dark aesthetic complements the metal genre and the band's identity.
- The website's overall mood is complemented by the visually appealing backdrop slide video of the band’s live performances.
- A detailed news section of the website lists the band's forthcoming performances, tour dates, and ticket details.

- The website's background movie can be annoying and may cause some visitors to wait longer for the page to load.
- Some visitors may find the website's navigation menu challenging to use, especially on mobile devices.

According to the three responses I received, this website's traditional but contemporary harsh aesthetic truly fits with metal.

<u>Black sabbath website-</u>





- The website's black and white colour scheme and retro collage aesthetic fit with the band's legacy and history.
- The band's history and accomplishments are documented in a timeline part of the website that includes interactive features that let users explore the chronology.

- The website includes a lot of material, which some users may find overwhelming.
- Some visitors may find it difficult to browse the website's.

chronology section, especially if they are unfamiliar with the band's background.

I don't believe my three responses like a collage feel, but they do seem to enjoy the tone of bold harsh and simple so perhaps I can find a middle ground.

3. 5 Functional and 5 Non-Functional Requirements

Functional

- A menu bar to take the user to all pages.
- A slider where images of upcoming concerts and events are shown.
- A section where one could buy tickets for the upcoming events.
- A footer with all the hyperlinks to his social media accounts, and the terms and conditions.
- A page which highlights past events with videos.

Non functional

- A page with a calendar that shows the tour dates.
- A page with images of past concerts and events.
- An about page with all the contact information to contact the website owners.
- A page with a list of all his awards.
- An about/history page to explain Ozzy Osbourne`s story.

4. Research and explain what Web Accessibility is.

The term "web accessibility" describes the process of creating websites that are accessible to those who have difficulties. Designing websites that are user-friendly, offer alternate methods of accessing material, and work with assistive technology like screen readers, voice recognition software, and keyboard control are all examples of this. Having everyone be able to access and utilize a website's content and features, regardless of their ability, is the aim of online accessibility.

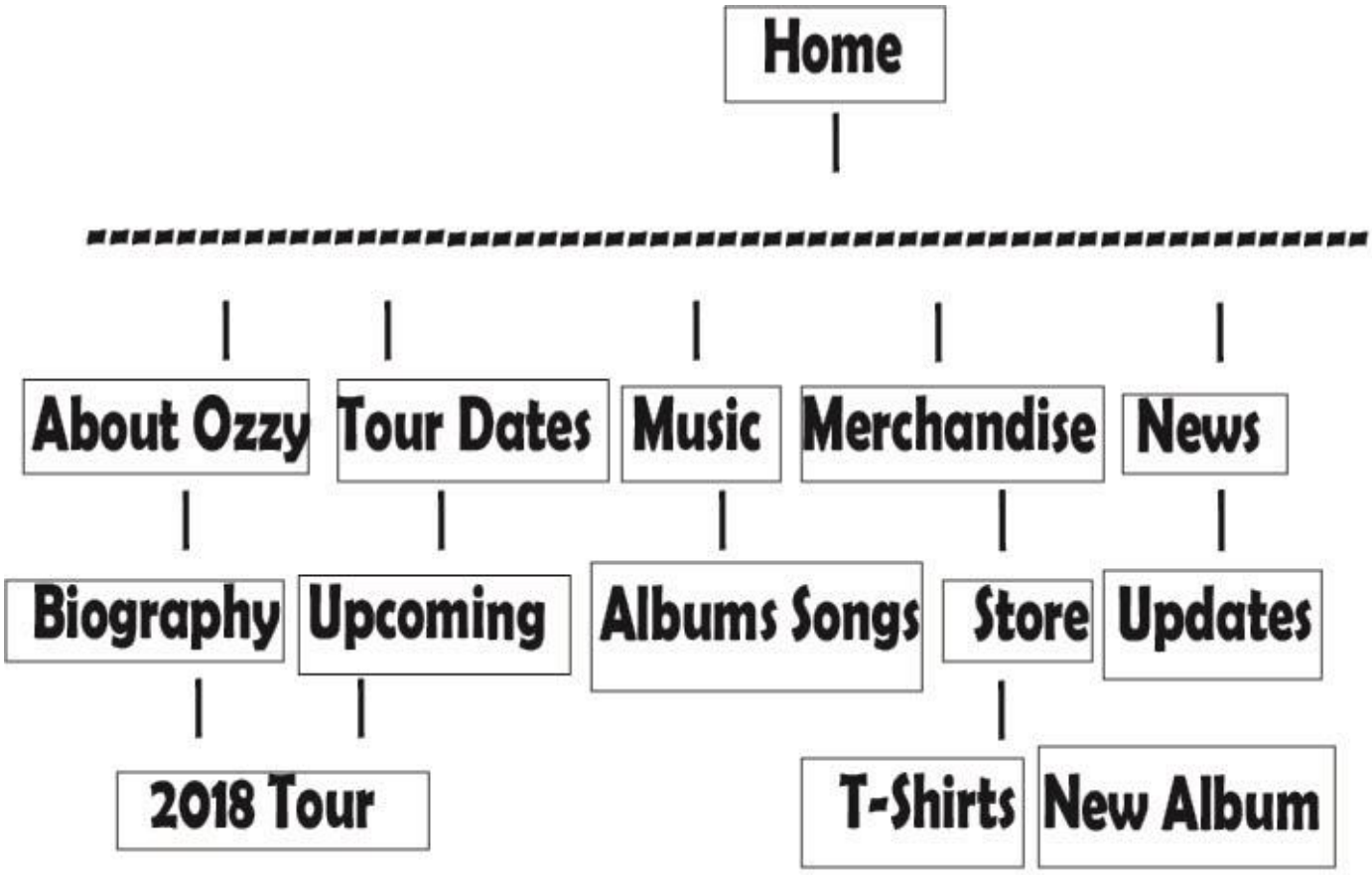
A website for Ozzy Osbourne should include a number of online accessibility options, such as:

- Screen readers should be able to read alternative text (alt text) descriptions for every image on the page. By doing this, it is made sure that individuals with difficulty seeing may still understand what the image is saying.
- There shouldn't be a need for a mouse or other pointing device while using the keyboard to browse the website. This is essential for individuals who might have trouble using a mouse because they have motor difficulties.

- To guarantee that those who are blind can readily read the material, the website should use high contrast colours for text and other elements.
- For users with hearing problems to be able to view any videos or audio material on the website, subtitles or transcripts should be included.

Part 2

1. Site map



2. <u>Style guide</u>

Experimenting with the typography, I want to go for something bold yet simple and classic.

is an English singer, songwriter, and television personality. He rose to prom

>>>

2018

OZZY III

S is an English singer, songwriter, and television personality. He rose to prominence during the 1970s as the lead vocalist of the heavy metal band Black Sabbath, during which period he adopted the nickname "Prince of

"Prince of Darkness"

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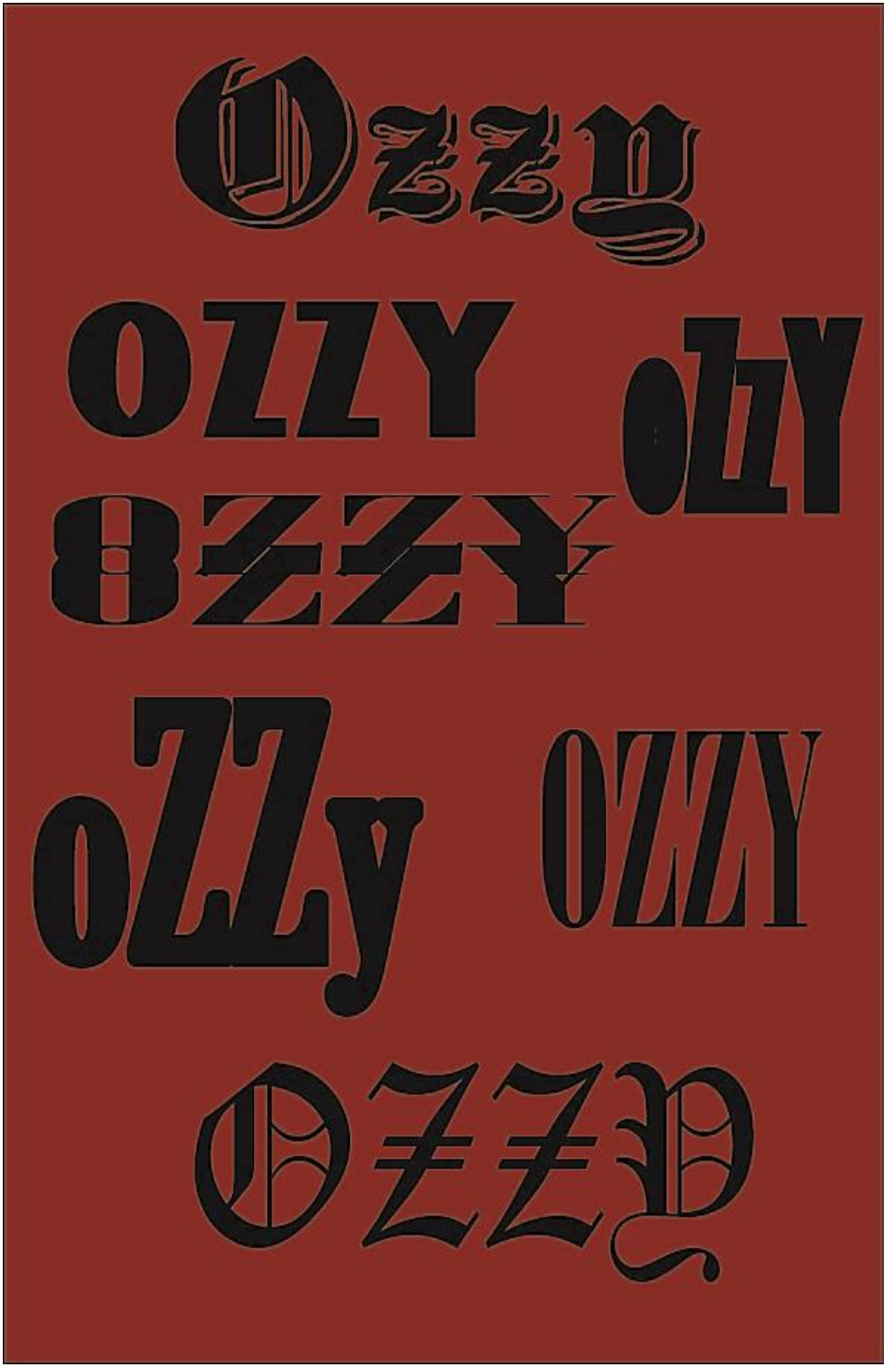

OZZY
OZZY
oZY
8ZZY
oZZy
OZZY
OZZY

Background

- Primary

-Secondary

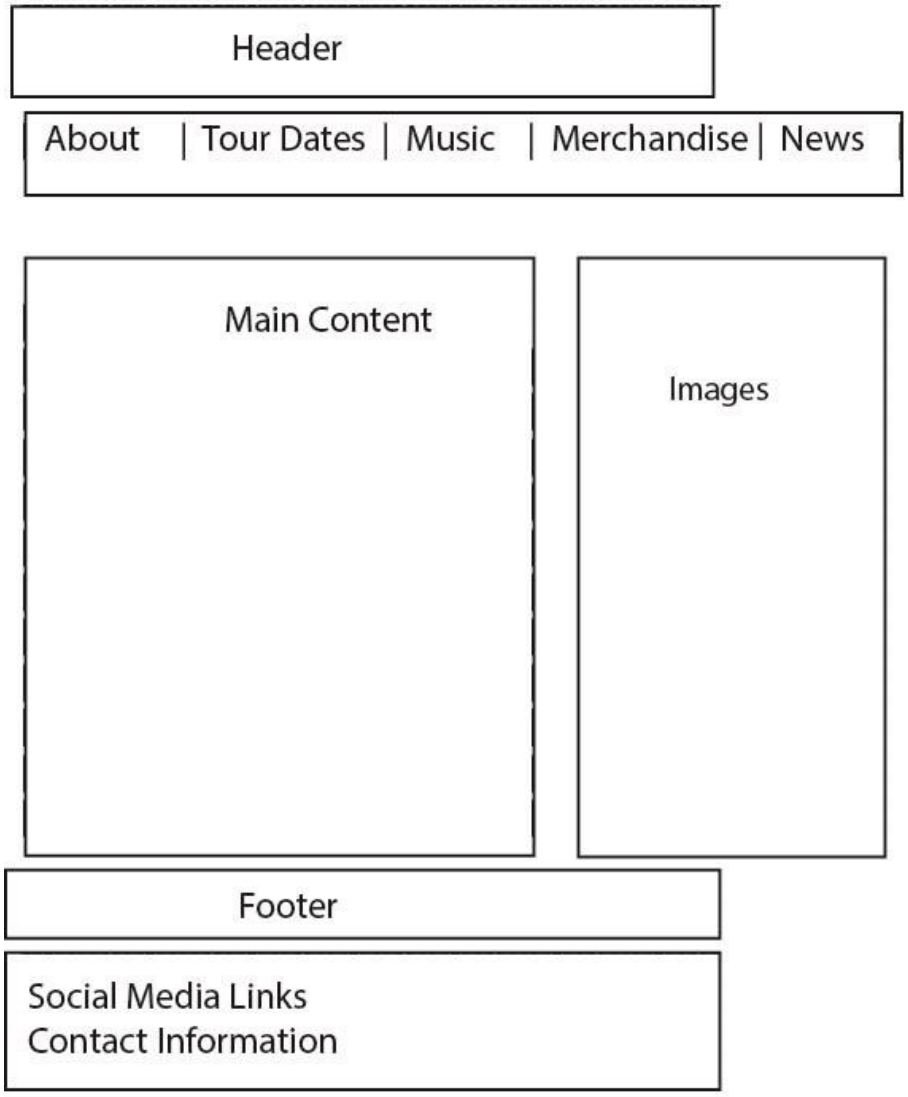
- Here and there i will have a few touches of yellow.

Typography

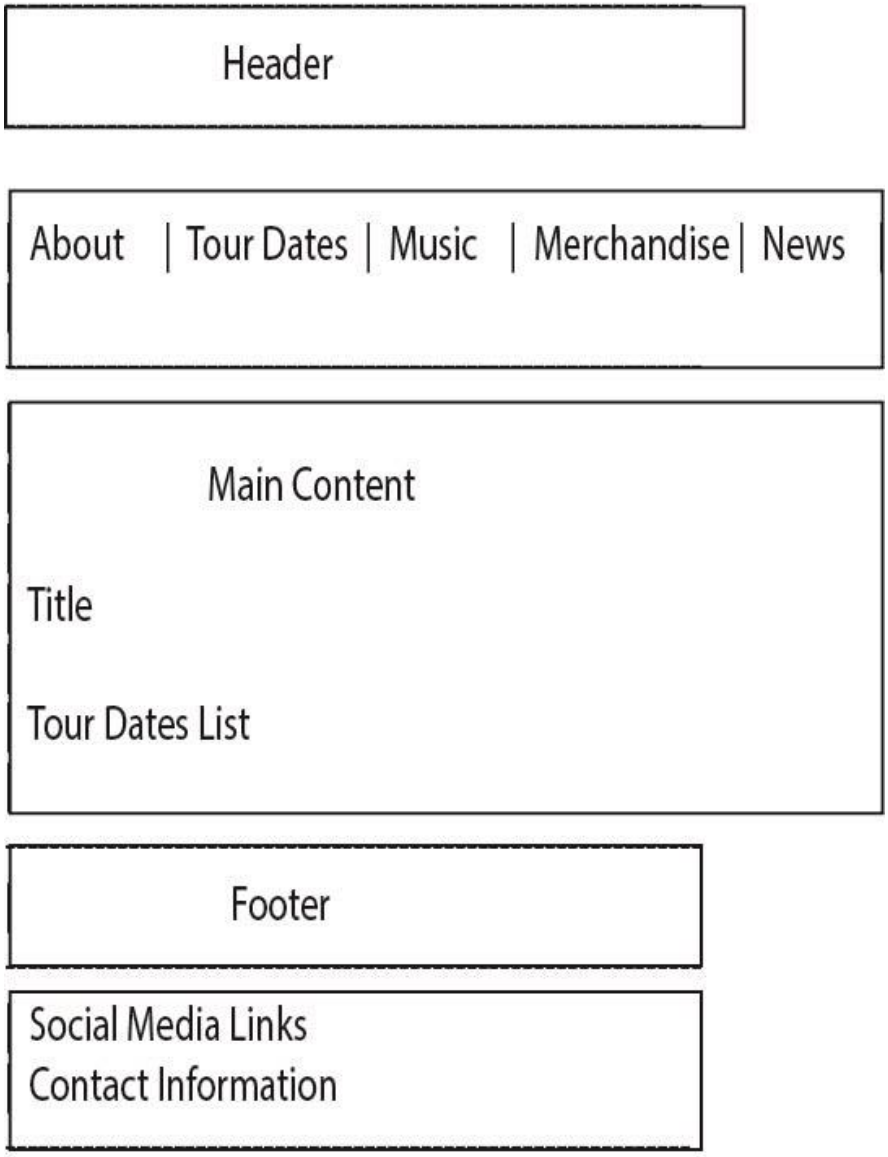
heading - OZZY

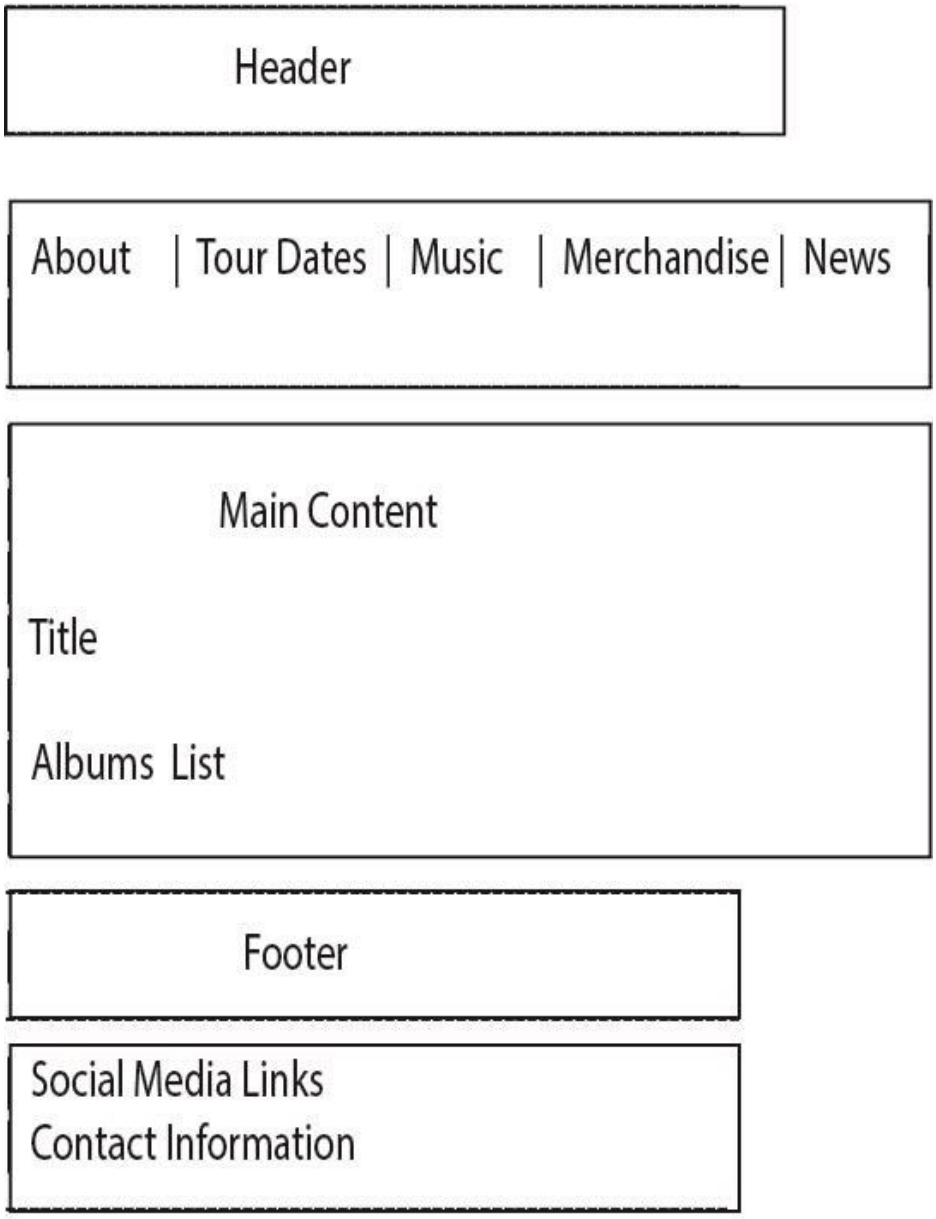
subheading - ozzy

3. Wireframes



Header
About | Tour Dates | Music | Merchandise | News
Main Content
Title
Image
Paragraph
Image
Paragraph
Image
Image
Footer
Social Media Links
Contact Information


Header
About | Tour Dates | Music | Merchandise | News
Main Content
Title
Tour Dates List
Footer
Social Media Links
Contact Information


Header
About | Tour Dates | Music | Merchandise | News
Main Content
Title
Albums List
Footer
Social Media Links
Contact Information

Header
About | Tour Dates | Music | Merchandise | News
Main Content
Title
Store Items List
Footer
Social Media Links
Contact Information

Header
About | Tour Dates | Music | Merchandise | News
Main Content
Title
News frame List
Footer
Social Media Links
Contact Information

Task 2

Done on vx code.

Task 3

Part 1

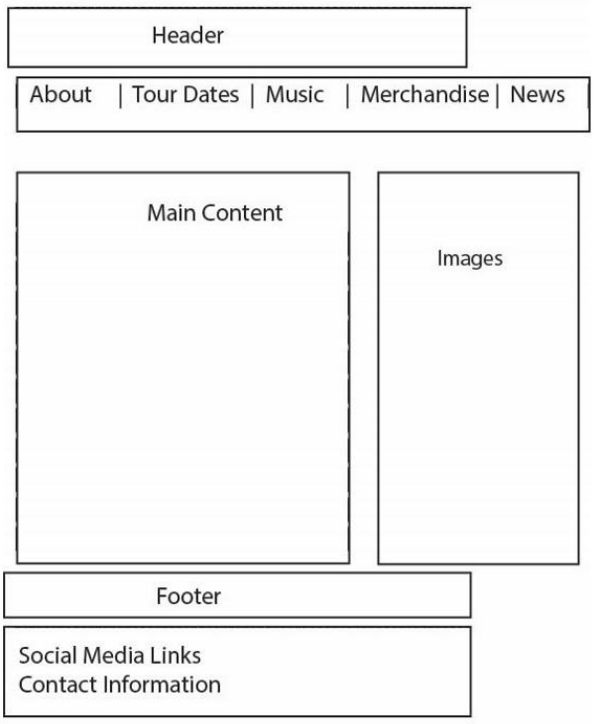
Adding a more interesting design to the website is something I probably could have done better, but since this is my first time coding, I wanted to keep things simple for myself. Whether or not I knew how to code, I still wanted the website to be simple, and the simpler the design, the easier the coding would be for me. I did not follow my initial ideas, sitemaps, or wireframes from task one since it would not have made sense. As I mentioned earlier, I am extremely new to this, and I was learning as I went along.

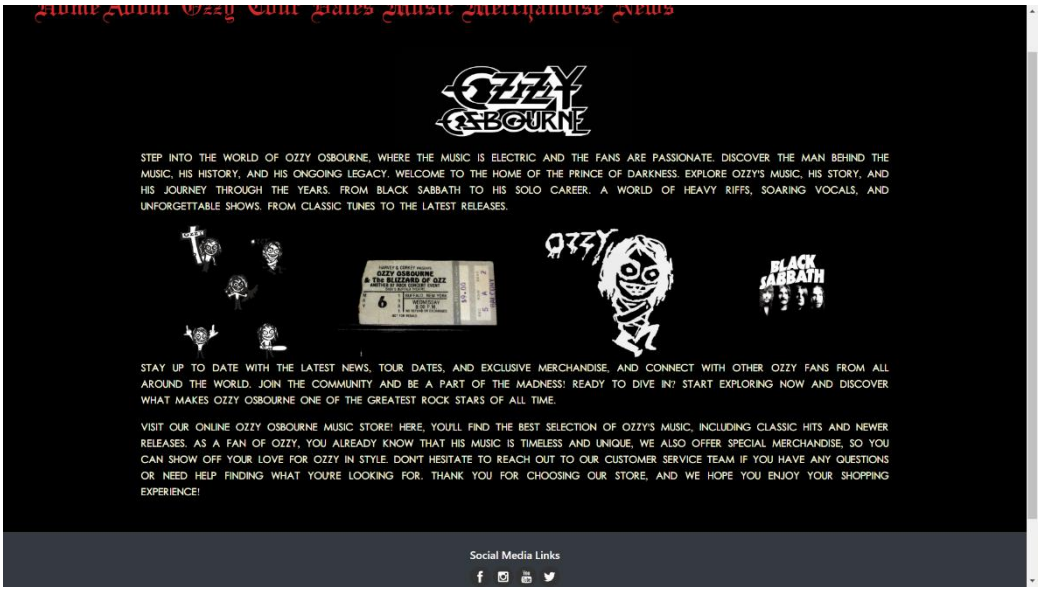
I intended to put my text on the left side and the graphics on the right side of the home page in my wireframes for Task 1, but this would not have worked since then everything would get stuck when switching onto the phone and the words could have ended up appearing crushed. Another thought I had was to have an image with text underneath it, followed by another image with text underneath that, and so on.

Looking back, this would not have been visually pleasing. It would have been better if I had kept things basic until I was more experienced with coding and website design, which is what I ultimately did.

Although I don't think my website is the best you've ever seen, it is still a significant improvement over the original website since it isn't as chaotic. This is another reason I wanted to keep it simple.

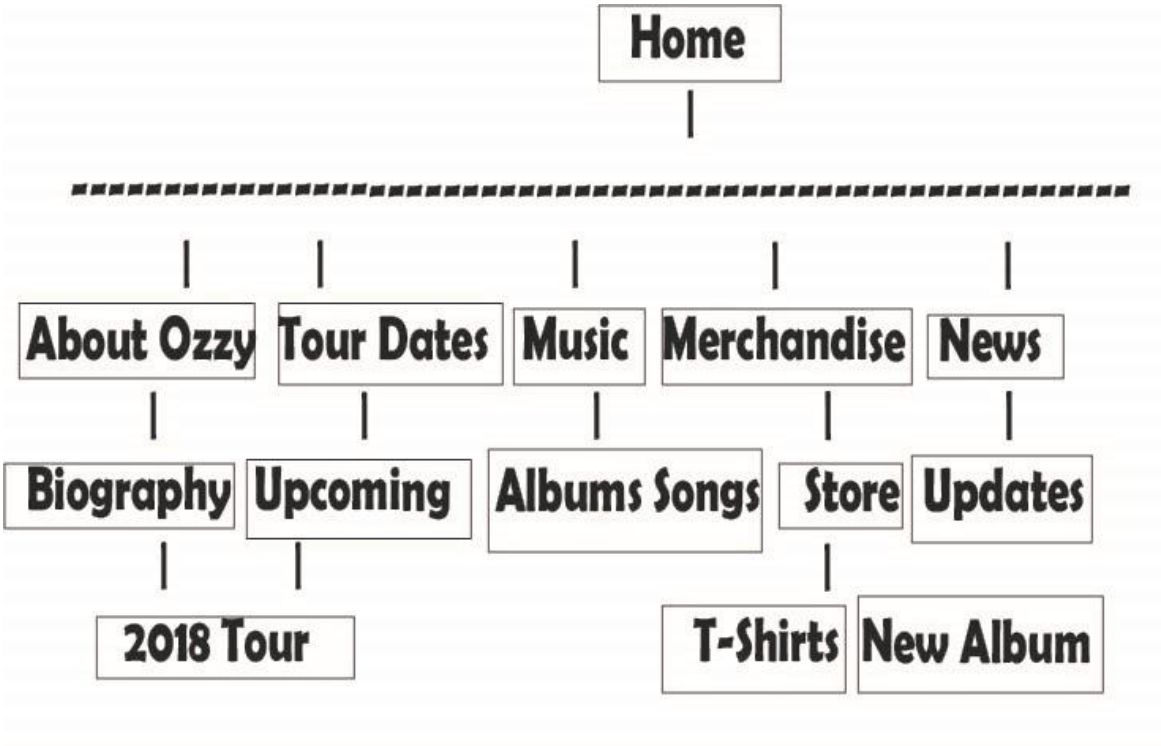
Ozzy Osborne's original website is pretty chaotic and confusing. The original website has too much stuff going on in the background, making it busy and making it challenging for users to move between pages.





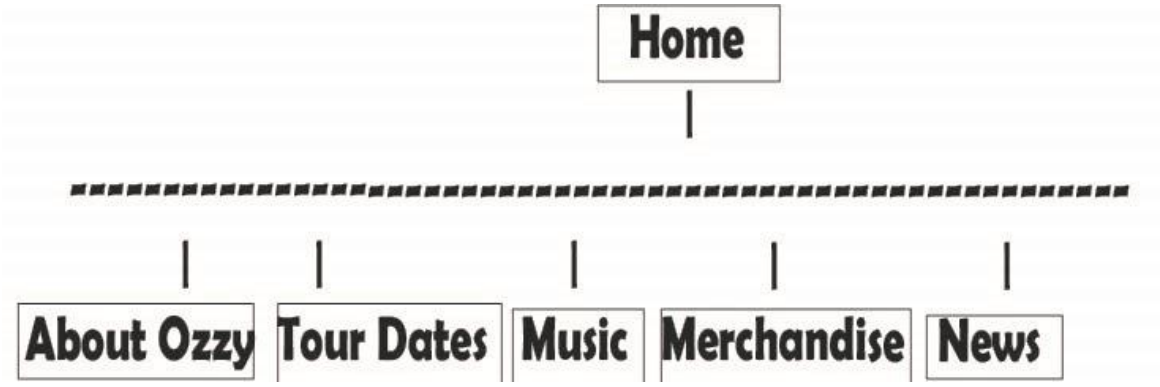
Difference between the original wireframes of the home page and the actual home page of the website I did.

While creating the website I had to remove pages from the original site map.



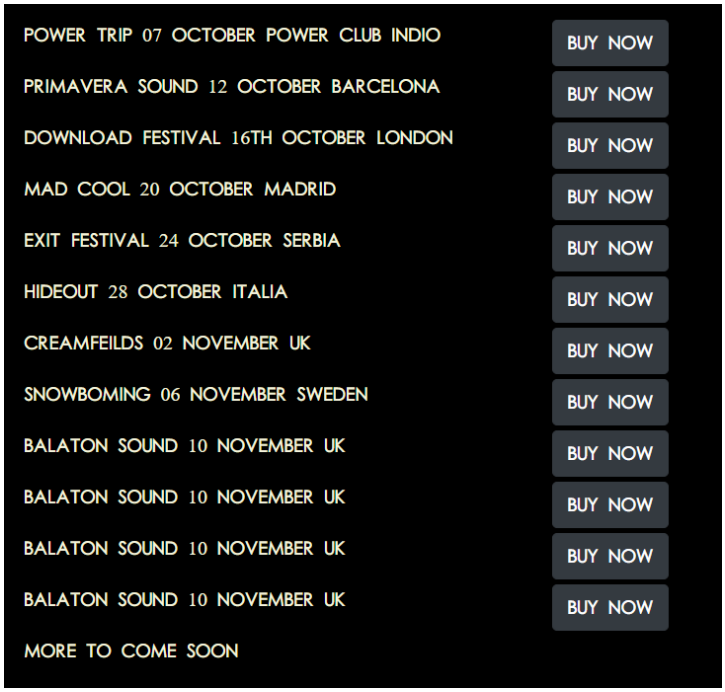
Most of these pages were not created since, as I then noticed the majority of them were unnecessary and repetitive. For instance, the biography page and the about page are the same thing. Because the majority of these pages were unnecessary, I combined them on one page.

Additionally, I had to decide to cut back on the number of website pages because I was getting close to the deadline. As a result, the final site map should have looked like this-



Features I didn’t manage to finish or flash out.

Where to buy tickets, This feature was left unfinished. You were meant to be sent to other pages by this. The majority of the events, though, weren't real, so I had to make a fake page. This would have required more time.



Since it was my first time coding, I intended to construct a cart function like those seen on websites like eBay, but it proved to be too difficult.

When I checked online to find out how to make them function, the shop page's "buy now" option was identical to the "cart" feature. It would take a lot of time and was beyond what i knew for sure for now.

In the news page, I also wanted to include a certain kind of image carousel. I had the concept late, therefore I was unable to put it into action.

Why I didn’t use Java script

Even though I had included the java script files on the website and had called the script, I ultimately chose not to utilize any of it.

The reason for this was that I didn't feel very confident utilizing java script and that I was more concerned with the website's appearance than its functionality.

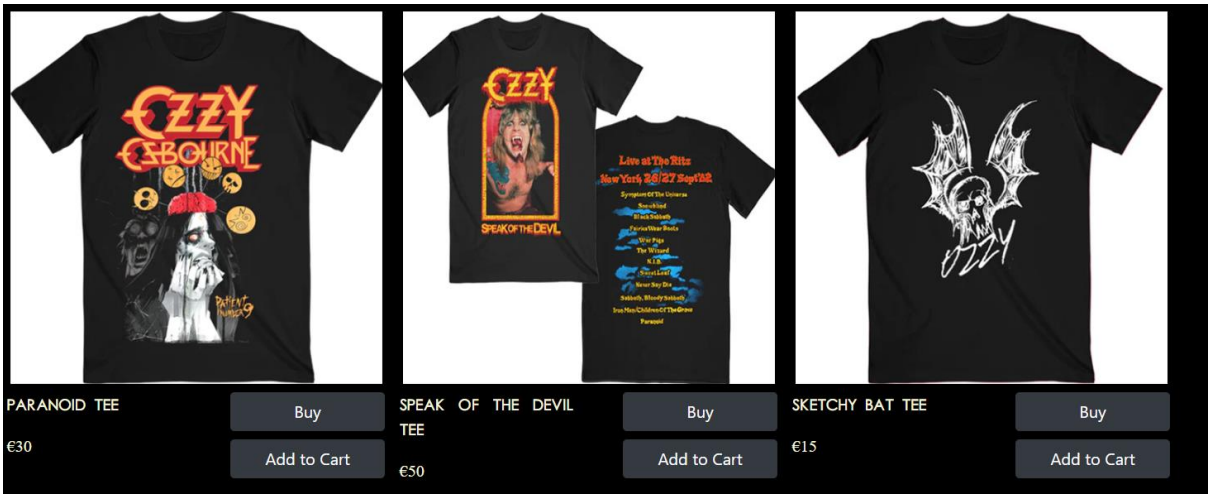
I wished I had the time to use java script, but I was unable to.

Things that I learned while making the website.

I found that it was cleaner and simpler to discover pages if there were many CSS files for each page. I wrote a significant amount of code for the primary page when I first started building the website. Later, I realized that I ought to have more than one page to make it simpler to locate them.

I used several of bootstrap’s basic classes when making use of it because they are simpler to grasp and easy to switch around.

Additionally, I discovered that various picture sizes in the CSS weren't functioning properly while creating the store page. So, I used Photoshop to ensure that each image had the same size.



I only downloaded jpg or png-formatted photos because those were the only two that didn't cause me any issues.

Part 2 - 1

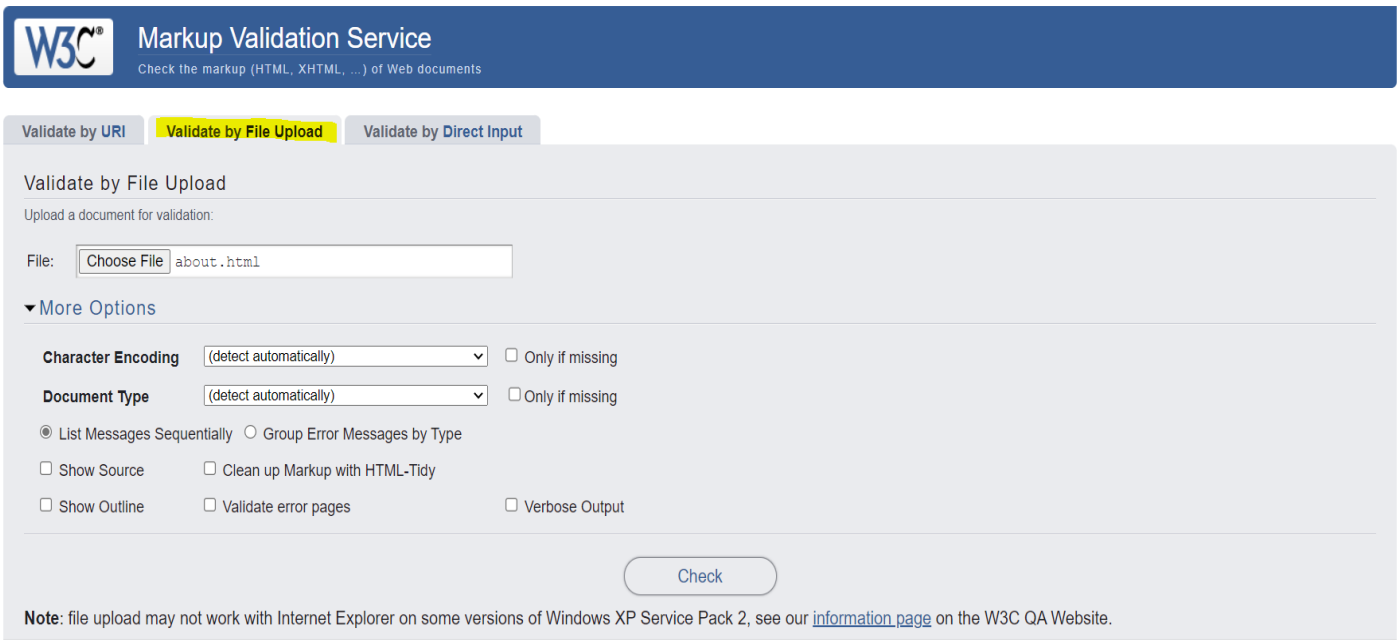
Input	Process	Output	Pass/Fail
Home page navigation button	Pressing home button page on the menu bar will take you to home page	Pressing this button took the user to the home page	Pass
About page navigation button	Pressing about page button on the menu bar will take you to about page	Pressing this button took the user to the about page	Pass
Tour dates page navigation button	Pressing tour dates page button on the menu bar will take you to tour dates page	Pressing this button took the user to the tour dates page	Pass
Music page navigation button	Pressing music page button on the menu bar will take you to music page	Pressing this button took the user to the music page	Pass
Merchandise page navigation button	Pressing merchandise page button on the menu bar will take you to merchandise page	Pressing this button took the user to the merchandise page	Pass
News page navigation button	Pressing News page button on the menu bar will take you to merchandise page	Pressing this button took the user to the news page	Pass
Navigation on hover changing colours	When hovering on the button's navigation menu the colour changes from the original (Red-White)	On hover the menu buttons change colours	Pass

Navigation on select underline	When selecting the page on the navigation menu it should underling the selected page	Only the home page is getting the underline	Fail All of the navigation buttons should have the same toggle
Footer social media buttons	Hyperlink Link buttons for social media	Pressing on the buttons will take the user to the social media page	Pass
Video in about/News page	Iframe video in the about page when clicked plays	When the user clicks the video plays	Pass
Tour dates buttons	Tour dates buttons should take you to a store page to buy the tickets for that event that pressed	Nothing happens	Fail To fix this issue there has to be either a hyper to a purchase page of the event
Store buttons buy now	When clicked this should take the user to purchase interface	Nothing happens	Fail To fix this issue there has to be either a hyper to a purchase page or implement a purchasing future
Store button Add to cart	When clicked this should add the item to a cart or send it to another page where are all the items are listed	Nothing happens	Fail To fix this issue a cart feature needs to be added, this can either take you to cart page or having a pop down menu cart .

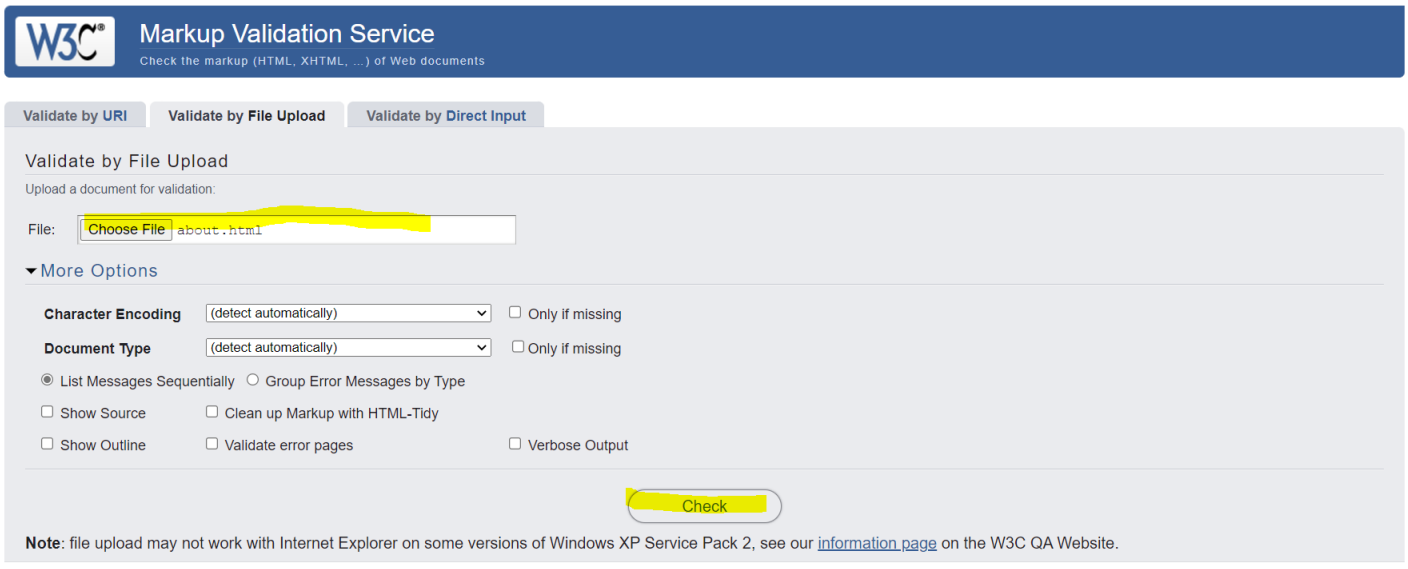
Part 2 Q2

I started the process of checking for errors and bugs by using validator.w3.org .

1. The first step I went onto the website home page, and I chose file by validate by file. As shown in the below screenshot.

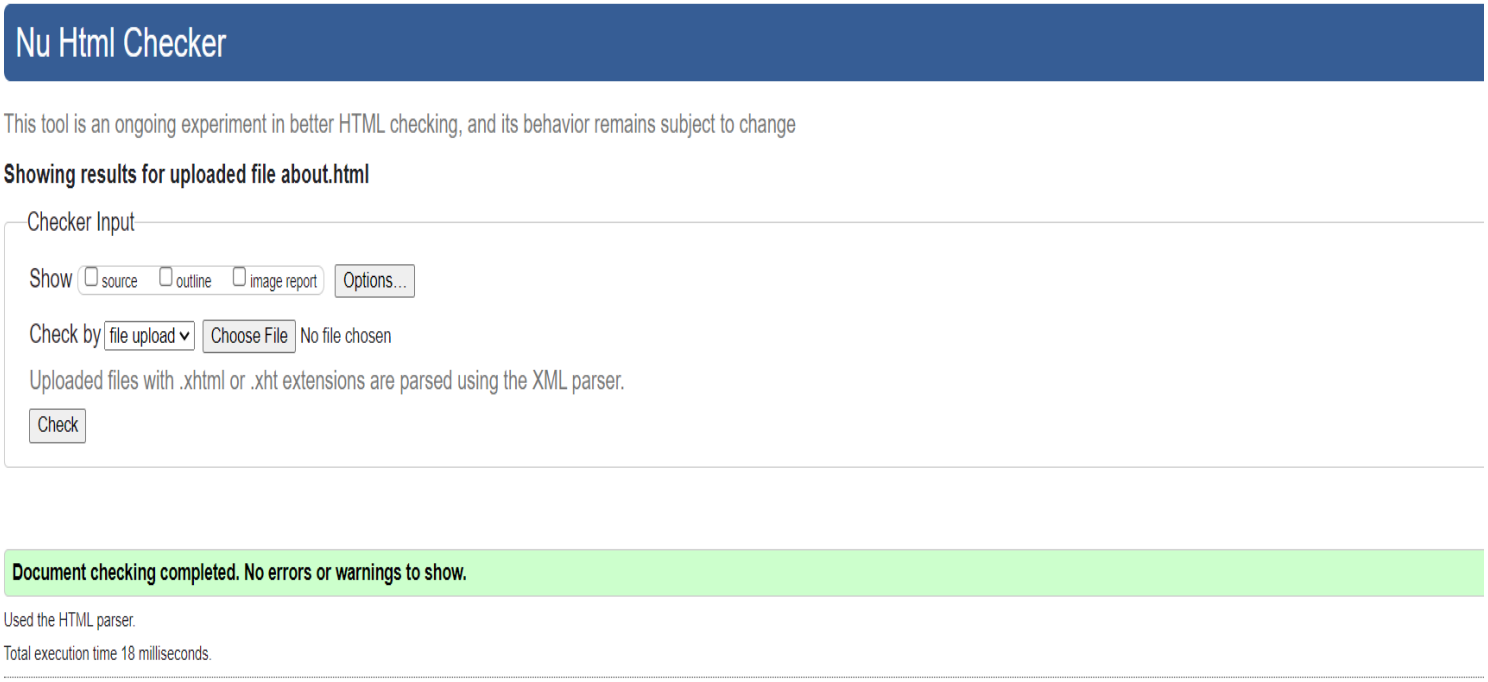


2. The second step I start uploading each file in the upload. Then I pressed check for each page file.



3. I started going through the errors and bugs. Most of the error I was getting syntax errors of the hyper links of the images because I didn't put (./) in front of them .

   Another warning I got was from using the iframes . I was getting the iframes by getting them from you tube and right clicking and getting the embed code in it . The validator told me that (frameborder="0") was outdated code so I got rid of them and I fixed the border in CSS.

   Most of the errors I got where mostly syntax errors . For example extra divs . I also moved the footer and the script code in the body because the validator said it was incorrect, so I moved them.

   After finishing going through each page, this was the end result. All the errors and warning were fixed easily because most of them were the same in each page.