

# Technical Document

## Part 1

Explain the techniques used to achieve a high standard of Accessibility in your website.

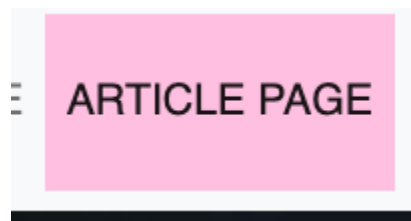
When developing my website, I focused on accessibility principles to ensure that all users can access and use it regardless of their abilities or disabilities that they might accel or decel.

The phrase P.O.U.R which stands for the 4 accessible principles being perceivable, operable, understandable & robust helped me to apply them to when they were applicable in my website.

I kept in mind the purpose of the website, which was to deliver a text and a fluent experience to users while considering any potential user conditions that should not be neglected and tossed aside.

In the following case, I heavily took into account perceivability & operability. To achieve a user-friendly experience, I ensured that the navigation is clear and easy to use. I accomplished this by using a different colored border around the text of the navigation when a cursor is hovered over a specific selection making it both perceivable & operable. This allows the user to easily identify the selected item without the need of precise text selection, making it more accessible for users with motor or visual impairments.

Additionally, this visual cue makes the selection more noticeable and draws the eye which helps the user determine where they are, which can also be helpful for users with cognitive impairments.



With using bootstrap, my overall website has become much more responsive making it ultimately robust allowing for no hindrance when it comes to viewing it on any mobile device, no matter the screen.

Using alt text for all images as suggested by the validator tool has improved my websites accessibility overall as well by using this for my footer icons and images I have used throughout.

The other point I kept in mind is the background color of the page and the font used to be able to deliver the content of the fanpage. I decided to keep the white background and the text in black to be able to make it as understandable and easy for the viewer to read as possible. The

understandability principle definitely kept me in check during the design process of this part as it affects all of the pages throughout the website giving a coherent experience.



Welcome!

This is a Lil Peep Fanpage dedicated to Gustav Elijah Ahr, who came to be known by his fans as "Lil Peep."

This website is run by a student studying in the ICA Mcast.

I have learned from Peep fans that Gus was a powerful and influential lyricist and music artist. It was Gus's honesty that compelled so many people, worldwide, to connect with him. Gus was particularly observant, and able to express his observations clearly and poetically. So, to honor him, we created this website. We felt that Gus's fans—both current and future, would welcome the chance to get to know him a little better. We believe that you are right about Gus. You connected with him because he told you that he was like you, and he expressed

Having different font size headings helped with structure of the fanpage all throughout the categories which ultimately helped further enhance the navigation upon clicking on the desired page. Upon being on a page, it's easy to get lost if everything's the same sized font and color. Including this tweak definitely enhanced the experience by being operable.

## Lil Peep's Most Popular Music



*Lil Peep Part One (2015)*



*Hellboy (2016)*

# BLOG

Diving into the contact us page, I took into account numerous variables on what can go wrong. Creating all of the fields to be filled in by requirement before submitting and if something is missing or isn't filled in correctly was the first line of defense.

To further enhance the user experience I included a red outlined box that comes up with notifying the user on what is required making it both perceivable and operable by making it easier for viewers to see & helps with navigating to what needs to be altered.

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## CONTACT US



### Error text:

- The first name is too short
- The last name is too short
- Message is too short, please provide more details.

To further enhance accessibility, the text box is highlighted in blue which helps with the viewer's knowledge with them knowing that they are on that selected box.

First Name

Surname

As for changes from my original plan and layout to what it evolved too, it has changed drastically over the course of the process. The navigation panel was changed into an alignment, selection type whereas in the original hi fi wire-frame it was a drop down menu to other pages.

The main reason that I went through with this change as I saw that it was more accessible and friendly with having a constant navigation bar which assists the user with knowing where they are making it operable.

Lil Peep HOME ARTICLE PAGE ABOUT US ALBUMS CONTACT US

For the overall page layouts, I kept the color themes to what I originally planned too but tweaked to how it would be used on the pages. Looking back at the wireframes, there was a lack of flow and felt discontinued as the background changed from black to white to gray which I concluded that it would have interfered with the understandability of the overall website.

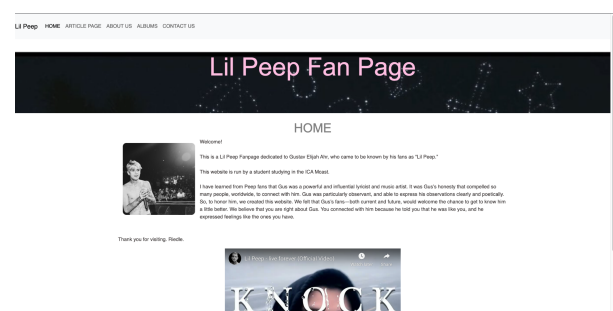
Keeping the same background color throughout the pages gave a continuous & coherent feeling that created a better user experience in multiple aspects as well it simplified the code from my end.

Although some of the ideas stayed intact from the original planning, some attributes that were planned to be on specific pages were allocated in some aspects to different ones such as the video being moved to the home page. Giving a feeling of who the artist was off the first page gives off a more welcoming introduction with context for those who aren't aware of his type of music

*Planned Homepage*



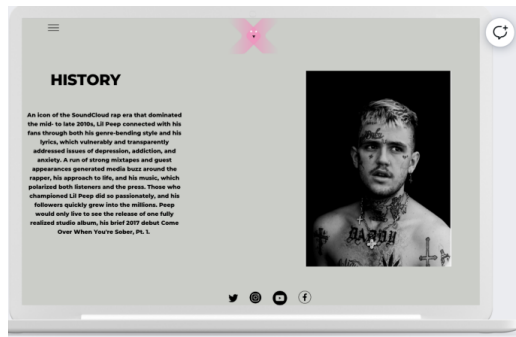
*Final Homepage*



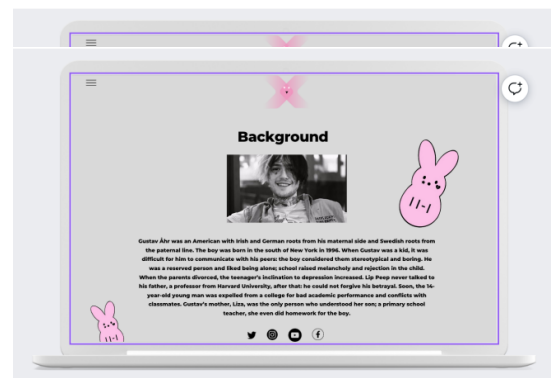
The alignment of text was changed to be centered from the original planning with keeping images left aligned except for the album list page. This deviation took place as it was getting in the way of being understandable with having certain pages on the left and others in the middle. Ultimately, settling on the text to stick to onside gave an overall better website.

Below is an example of why I shifted away from having a gray background and black text, it simply made it almost blend in which made it even for people without trouble in vision to have trouble reading it.

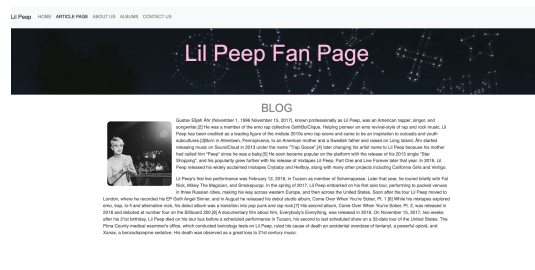
*Planned History Page*



*Planned Background Page*



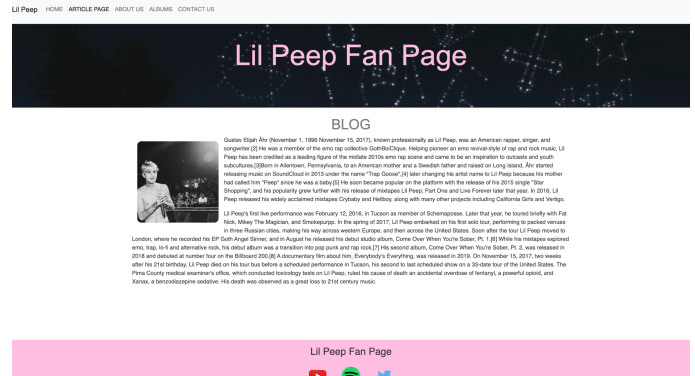
*History and Background Page integrated into the Blog page*



BEFORE



AFTER



This deviation took place from the original background with the artist involving the color orange in the right side because I believe and from feedback that it made people with color blindness or difficulties with vision have a hard time reading my title in all of the pages “Lil Peep Fan Page”. Changing the background to having stars resembling the artists tattoos not only fixes this issue with contrast but adds a nice touch for the user personas I did with some of them saying they enjoy zodiac, stars, horoscopes, tattoos. The background I used was part of the Spotlight song by Lil Peep and marshmallow.

Changing the navbar color to being in black has helped me maintain my pink hover whilst also making it more robust and perceivable by people with sight problems and also making it easier to make out by the general users.



Looking back at my fanpage, I'd try to incorporate more pictures and more variety of images as the development part went ahead of me and it ended up lacking in that department.

In terms of wanting to add a quiz game revolving around the information that is displayed about the artist in the website, I believe that it would have been a neat addition and a great learning experience to use java script in different ways with different outcomes.

If I had to add a 6th page to my website this would definitely be the attempt as it strives for interactivity and further interest on the music artist making it a great finish to conclude the website.

Lastly, I started to use the inspect element feature to navigate issues & tests when I was half way done with the pages. I ended up saving a lot of more time when I started to utilize this by changing sizes and disabling lines of code from the tab.

## Part 2 - IPO Chart - Interactive Elements

INPUT	PROCESS	OUTPUT
Hover cursor over navigation choices	Navigation heading highlighted Pink	Highlighted Pink
Click <b>Home</b> on the nav bar	Take user to the homepage	Home Page
Click <b>Article Page</b> on the nav bar	Take user to the Article Page	Article Page
Click <b>About Us</b> on the nav bar	Take user to the About Us Page	About Us Page
Click <b>Albums</b> on the nav bar	Take user to the Albums Page	Albums Page
Click Footer Icons	Take user to the chosen footer icon	YouTube, Spotify or Twitter Page
Inside of the <b>Albums</b> Page Click Any Desired Song Title	Take user to the desired song that was clicked	Song Is Played
Click <b>Submit Button</b> in Contact Us Page	Directed To First Name Field	First Name Field
Press Submit Button with Less Than 2 Characters Inputted	0-1 characters are typed and submitted	Redbox appears with fixes
Press Submit Button with Less Than 20 Characters Inputted Inside Subject Field	0-19 characters are typed and submitted	Redbox appears " Message is to short "
Press Submit Button with all fields filled in correctly	Take User To His Email	Email Tab

## Part 2.2 - Test Cases - Interactive Elements

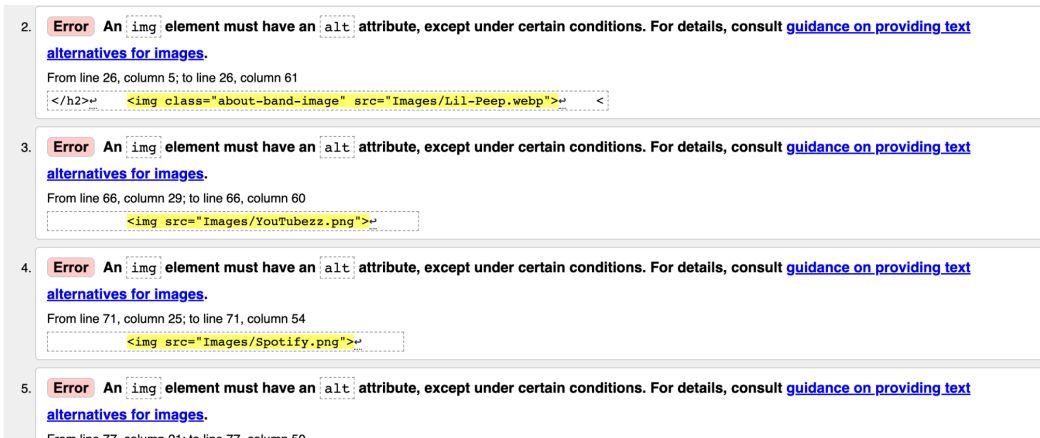
INPUT	EXPECTED OUTPUT	ACTUAL OUTPUT	COMMENTS
Hover cursor over navigation choices	Highlighted Purple	Highlighted Purple	
Click <b>Home</b> on the nav bar	Home Page	Home Page	
Click <b>Article Page</b> on the nav bar	Article Page	Article Page	
Click <b>About Us</b> on the nav bar	About Us Page	About Us Page	
Click <b>Albums</b> on the nav bar	Albums Page	Albums Page	
Click Footer Icons	YouTube, Spotify or Twitter Page	YouTube, Spotify or Twitter Page	The Icons were meant to direct you to the artists' media. This issue was rectified by changing the urls to the artist's handles.
Inside of the <b>Albums</b> Page Click Any Desired Song Title	Song Is Played	Song Is Played	
Click <b>Submit Button</b> in Contact Us Page	First Name Field	First Name Field	
Press Submit Button with Less Than 2 Characters Inputted	Redbox appears with fixes	Redbox appears with fixes	
Press Submit Button with Less Than 20 Characters Inputted Inside Subject Field	Redbox appears “ Message is to short “	Redbox appears “ Message is to short “	



INPUT	EXPECTED OUTPUT	ACTUAL OUTPUT	COMMENTS
Press Submit Button with all fields filled in correctly	Email Tab	Email Tab	

TEST CASES

# Validation



**Fix apply by including alt “Name” for an alternative text to show instead of images.**

Minimal errors were shown through me using the validation code, some of them were basic mistakes and others were incase of backups such as the one that I enlisted above.

The error that appeared throughout my code was “An img element must have an alt attribute”, the purpose of this was for any images that would not load a text signifying on what the image would display will appear. This was fixed by going next to the linked image in my code to my image folder and including for example `<img src "Images/Twitter.png" alt "Twitter">`. This was done for all of the footers images and for icons used in my htmls.

For the entirety of the project I was checking it through the validators when I was mostly experiencing issues with the code to perhaps get a better idea on what I was missing but I resorted to using the inspect element function afterwards as I found it to be faster.

I found the validator to be a good way for one to help with trying to understand how you can make your code more accessible and friendly as well cleaning your code and making it look neater as I realized that there was quite a redundancy of code when I put it through the validator.

This will be something that I will make use of more in the future as I realized that it expands upon practice make perfect