

# PUI Final Project Write-Up

## Part 1: Introduction & Description

This is a “map” that documents the gentrification history and celebrates the rich queer culture of East Liberty (Penn Avenue). It serves as a “warning” against the “Urban Development Plan” that replaces and undermines Kelly Strayhorn Theater with an apartment complex.

The website includes the manifesto of the project and an axonometric 3D map of the neighborhood which eventually lead the “audience” to the “play”. The “play” includes 3 acts – The Exuberance of the Theater, Queerness on Penn Avenue, and Gentrification in East Liberty. Each “act” contains collages that demonstrate the theme of that “act”.

With interesting animations such as appearing texts like in an actual film credits, “falling of the KST sign”, and colored rainbow glitters of the cursor tail, the narrative is engaging for viewer to follow and have a strong sense of the issues that are addressed.

This project is designed to showcase the value of Kelly Strayhorn Theater to Pittsburgh City Planning Committee so that they will vote against the new apartment complex development; and it is also for those who are interested in or doing research on the East Liberty in terms of its queerness and gentrification history.

## Part 2: Interaction

- Landing Page:
  - Text will reveal with scrolling
  - “Falling” of the KST sign when scrolling
  - Click “Enter Map” to access the axonometric view of the map
- Axo View (the map):
  - Tags will bounce when scrolling down or up
  - Click “Start Journey Here” tag or the “location pin” to enter the next page - “play”
- Acts:
  - Scroll right or left, the acts will scroll horizontally
  - Move around the cursor to activate joy and queerness with glitters

## Part 3: External Tools

- Libraries
  - Google Font for “Montserrat”
  - Vanilla scroll progress JS library for progress bar
  - skrollr library for scrolling animations
  - jQuery library for cursor animation
- I chose them because after trying so many libraries, these are the ones that work best with my project.
- For example, Vanilla scroll progress JS gives me the option of adding a progress bar at the top of the page; skrollr library has a lot of scrolling animation options which are perfect for my narrative; jQuery library helps me easily implement a cursor animation, adding more queerness for the acts.
- The progress bar gives viewers a sense of where they are in the narrative; the scrolling and cursor animations add more fun, playfulness, and queerness to each page.

#### **Part 4: Iterations**

In the first iteration of my project, I was using a lot of separate pages to present similar contents. And for all the acts in the main section of the project, I was using way too many individual frames/pages to show the street view and collages, creating a lot of clicking actions for users to go through everything.

After getting feedback from lab sessions, I came to a solution of combining some of the similar/related contents into one single page but adding scrolling animations to guide the users through my statements and images in a linear way. This approach created a stronger and tighter narrative for the whole project and storytelling.


#### **Part 5: Challenges**

Working with codes to design interfaces is not as easy and intuitive as using design software such as Figma or Photoshop which will allow me to move elements anywhere or on whichever layers I want. And the JavaScript libraries are something I am very familiar with. Every library has their own way of running, so I have to spend a lot of time to experiment on the variety of libraries to see which one fits the most for my website pages.

#### **Screen Size for Testing:**

- 1280 x 832
- 1440 x 1024

## WAVE – Landing Page



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[WebAIM](#)

web accessibility evaluation tool

Address: [https://antonipez.github.io/pez\\_pui\\_hw/Fine](https://antonipez.github.io/pez_pui_hw/Fine)

Styles: OFF ☒ ON

Summary

Summary

Details

Reference

Structure

Contrast

0

Errors

0

Contrast Errors

2

Alerts

2

Features

0


Structural Elements

0

ARIA

View details

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and robust accessibility.



powered by  
[WebAIM](#)

web accessibility evaluation tool

Address: [https://antonipez.github.io/pez\\_pui\\_hw/Fine](https://antonipez.github.io/pez_pui_hw/Fine)

Styles: OFF ☒ ON

Details

Summary

Details

Reference

Structure

Contrast

2 Alerts

1 X No heading structure

1 X No page regions


2 Features

1 X Alternative text

1 X Language

If an icon does not appear within the page, turn off Styles above to view it.

The following apply to the entire page:



Kelly Strayhorn Theater


Story Mapping

Scroll to learn more

</>

Code

The following apply to the entire page:



Kelly Strayhorn Theater


Story Mapping


Scroll to learn more

</>

Code

## WAVE – Axo View



powered by  


web accessibility evaluation tool

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Styles: OFF ☐ ON ☒

Summary

0

Errors

0

Contrast Errors

1

Alerts

11

Features

1

Structural Elements




0









ARIA


[View details](#)

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and robust accessibility.




The following apply to the entire page:











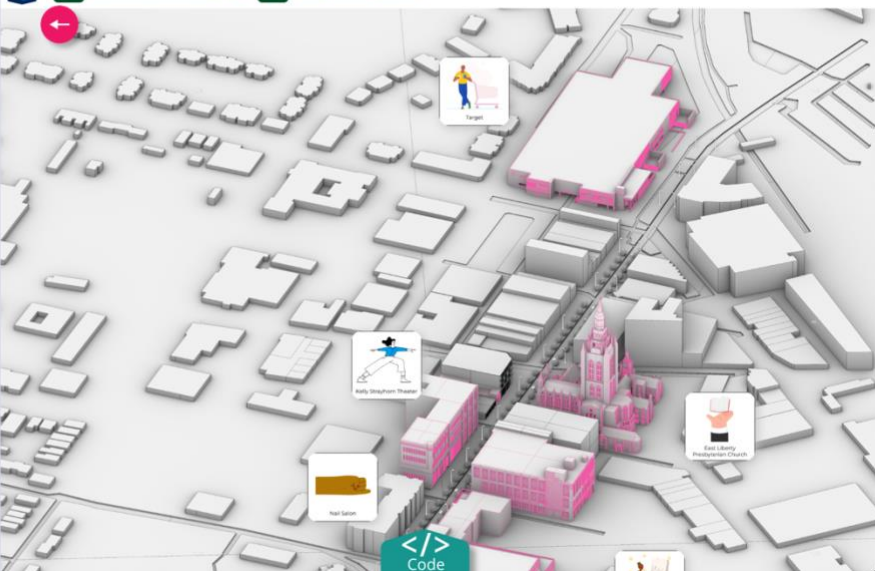





The following apply to the entire page:







WAVE

powered by  


web accessibility evaluation tool


Address: [https://antonipez.github.io/pez\\_pui\\_hw/Fine](https://antonipez.github.io/pez_pui_hw/Fine) →

Styles: OFF ☐ ON ☒

Details









1 Alerts

1 X No heading structure





11 Features


8 X Alternative text



2 X Linked image with alternative text




1 X Language



1 Structural Elements

1 X Header

## WAVE – Acts



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Styles: OFF ☐ ON ☒

### Summary


Summary


Details


Reference


Structure


Contrast


 0  
Errors

 0  
Contrast Errors

 1  
Alerts

 26  
Features




 1  
Structural Elements



 0  
ARIA

[View details](#)


Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and robust accessibility.


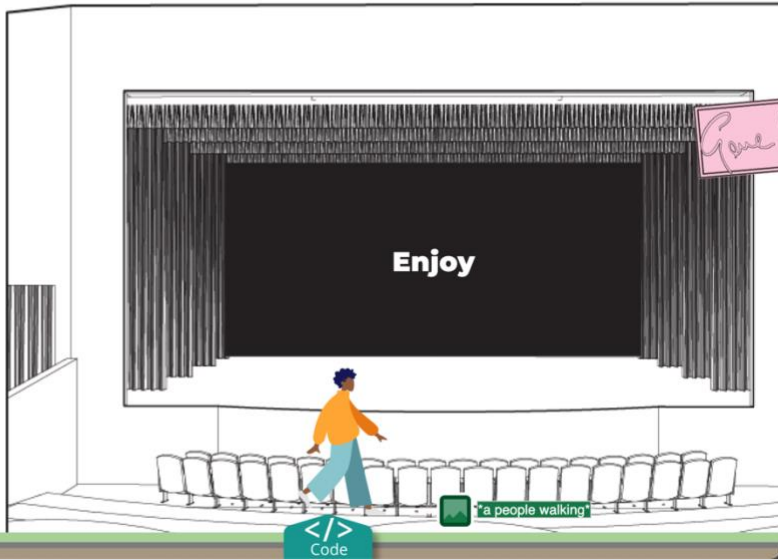
The following apply to the entire page:






"back button to last page"








Code



"a people walking"

The following apply to the entire page:



WAVE

powered by  
WebAIM

web accessibility evaluation tool

Address: [https://antonipez.github.io/pez\\_pui\\_hw/Finz](https://antonipez.github.io/pez_pui_hw/Finz) →

Styles: OFF ☐ ON ☒

### Details


Summary


Details

Reference


Structure


Contrast

 1 Alerts




1 X No heading structure


 26 Features



24 X Alternative text








1 X Linked image with alternative text




1 X Language


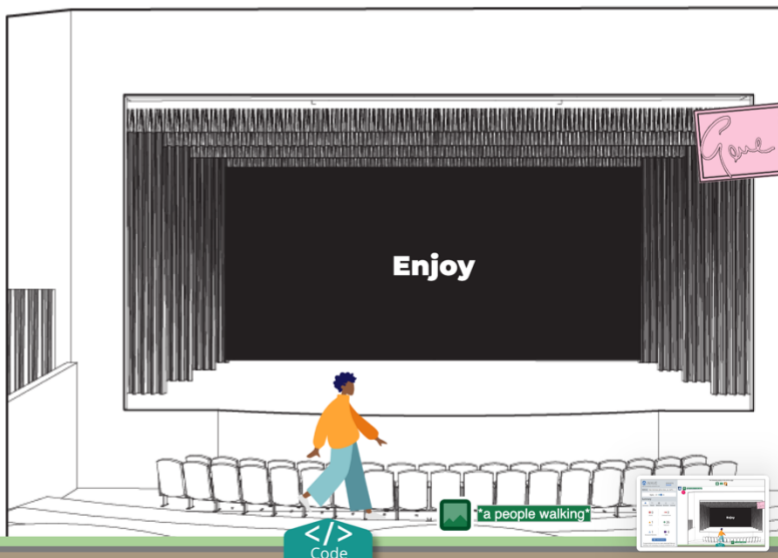
The following apply to the entire page:






"back button to last page"






Code



"a people walking"



The following apply to the entire page:

