

Yifei Chen

PUI Final Project Writeup

Part 1:

The website is a poetry portfolio consisting of five poems for now and is scalable in the future. The poems are presented with its text and relevant graphical information. The site contains hover animations to indicate which elements are clickable. There is also a color theme changer that is implemented, and a language selector that is not yet implemented. It includes interesting microinteractions and the nature of its content is engaging. The target audience are people who are interested in poetry (or my friends).

Part 2:

- Color theme changer: click on the different-colored circles to change the color theme
- Menu: click on the different titles to switch between poem descriptions
- Read full text: click on “Read Full Text” to access full text of the poem
- Poem images: click on the text of the poem to see the graphics
- Return to menu: click on the left arrow on the poem text page to go back to the menu
- Hover effect: all clickable items except for the color theme changer have hover effect

Part 3:

- I used animation for the images.
- I chose to use it because I thought it would be a fun interaction to add to the site to keep users engaged.
- I wrote JavaScript functions to make the animation.
- It adds a small microinteraction that users could play with.

Part 4:

For the first iteration of the prototype, there was no image and all the information is shown on one screen. I also added the color theme changer and text size changer for accessibility.

Fragments of Consciousness

Confession

Write a Poem

Let There be Light

Habit

Me

An Ordinary Night

A Typical Morning

The Moon

What a Winter It Was

Escape the Clouds

Spring

A Glance

The Moon

I fell in love with the Moon

My eyes are a mirror
Reflecting a facade
Who never knows
Lancelot
Reflecting an eternal silence

My brain is a chisel
Sculpting a concept
Who never speaks
Galatea
Sculpting a wordless white

My heart is a well
Filled with a shadow
Is it him
Or is it me
A forever blooming Narcissus

Only in his dreams
Endymion sees the Moon

For the second iteration, the display is updated to a split screen design with the cover on the left side and the menu or the text on the right. I added images and color to the prototype to make the content easier to consume for the users.

The image shows two side-by-side screenshots of a website. The left screenshot is the 'About' page for 'Frag.' It features a light gray background with a large, semi-transparent pink diamond shape in the center. Inside the diamond, the title 'Fragments of Consciousness' is written in a serif font. Below the title is a horizontal row of four small circles in white, black, blue, and green. The author's name, 'Yifei Chen', is centered below the circles. The right screenshot shows a poem titled 'The Moon'. At the top, there are navigation links: a left arrow, 'Explore', three font size icons (A, A, A), a Chinese character '中文', and the word 'English'. The poem itself is presented in a serif font, divided into four stanzas. The first stanza is: 'I fell in love with the Moon'. The second stanza is: 'My eyes are a mirror
Reflecting a facade
Who never knows
Lancelot
Reflecting an eternal silence'. The third stanza is: 'My brain is a chisel
Sculpting a concept
Who never speaks
Galatea
Sculpting a wordless white'. The fourth stanza is: 'My heart is a well
Filled with a shadow
Is it him
Or is it me
A forever blooming Narcissus'. The fifth stanza, which appears to be the last one, is: 'Only in his dreams
Endymion sees the Moon'.

The implemented site is similar to the second prototype. However, due to time constraints, I was not able to implement the language and font size selector.

Part 5:

A major challenge of implementing the site is to keep everything consistent throughout the pages. For example, the color theme and the selected poem need to carry through the two pages.

Wave

The image displays four screenshots of the Wave accessibility checker interface, arranged in a 2x2 grid. Each screenshot shows a different URL in the address bar and various accessibility metrics.

Top Left (Address: https://yifeiche1121.github.io/PUI-/FP/index)

- Summary:** Shows 0 Errors, 0 Contrast Errors, 11 Alerts, 5 Features, 0 Structural Elements, and 0 ARIA.
- Details:** Shows 11 Alerts (1 X No heading structure, 1 X No page regions, 1 X Possible heading, 8 X Device dependent event handler) and 5 Features (4 X Alternative text, 1 X Language).

Top Right (Address: https://yifeiche1121.github.io/PUI-/FP/poen)

- Summary:** Shows 0 Errors, 0 Contrast Errors, 6 Alerts, 3 Features, 0 Structural Elements, and 0 ARIA.
- Details:** Shows 6 Alerts (1 X No heading structure, 1 X No page regions, 4 X Device dependent event handler) and 3 Features (1 X Alternative text, 1 X Linked image with alternative text, 1 X Language).

Bottom Left (Address: https://yifeiche1121.github.io/PUI-/FP/index)

- Summary:** Shows 0 Errors, 0 Contrast Errors, 11 Alerts, 5 Features, 0 Structural Elements, and 0 ARIA.
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Bottom Right (Address: https://yifeiche1121.github.io/PUI-/FP/poen)

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- Details:** Shows 6 Alerts (1 X No heading structure, 1 X No page regions, 4 X Device dependent event handler) and 3 Features (1 X Alternative text, 1 X Linked image with alternative text, 1 X Language).