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Professor Das
05-430 PUI
26 April 2024

Final Project Write-up

Please test using the following two screen sizes: 1200 px and 375 px. Thank you!

Part 1: In 300 words (only!) describe your website. Include the following: How is it interesting and engaging? What is the purpose of your website? What information do you convey with your website?

- The purpose of the website is to showcase some of the projects I have done in my courses and highlight my skills. The portfolio can provide users with a better understanding of the quality of work I can produce. I want to convey that I have experience in user research and design and that I am interested in various areas of HCI. It is interesting and engaging because I utilize vibrant colors, subtle animations, and include plenty of visuals that help illustrate my stories and style. The audience would likely be industry recruiters, but I also see the target audience as anyone who wants to learn more about what I can contribute to their team; for example if I was applying to be a research assistant, the PhD student or professor could view this portfolio to get a better sense of what I can do.

Part 2: Use a bulleted list to describe how a user would interact with your website.

- Flippable cards
 - On the about me page, you can click on the cards to flip them and reveal fun facts about me. Clicking a card again will then return it to its original state.
- Different state when hovering
 - When you hover over the “let’s connect” button on the about me page the button moves up slightly and the text changes color from white to blue.
 - When you hover over the “see project ->” button on the home page the arrow moves to the right.
- Auto scroll to different sections
 - On the project detail pages, click on any of the items in the table of contents to be taken to that specific part of the page.
 - On the home page, click on “work” to go to the projects section
- Project detail pages
 - Click “see project ->” to go the the “jitter jive” and “masthead app” detail pages

Part 3: Describe what external tool you used (JavaScript library, Web API, animations, or other). Following the bulleted list format below, reply to each of the prompts. (We will stop reading at the 4th sentence, so please be concise)

- Animations
 - Why you chose to use it: I chose to use this because it makes the experience more delightful. They capture users' attention and draw it to specific elements.
 - How you used it: When the user scrolls down the home page the project elements (project descriptions and image) ease into view. Similarly on the project detail pages, the images transition into place.
 - What does it add to your website? It encourages users to interact with the website more. Animations, such as the hover and sliding effects, can invite people to further discover content.


Part 4: Describe how you iterated on your prototypes, if at all, including any changes you made to your original design while you were implementing your website. (4-8 sentences max)

One of the key iterations was changing the colors for buttons and text. As I implemented the site I encountered accessibility alerts that notified me of low contrast and so I edited the colors I was using. For example, I had bright orange text that was too difficult to see. Another big change from the original design was the background. Previously the project page had a pink and white aura background that was fun, but was distracting from the important information I was trying to convey. Therefore I decided to use a simple white background for cohesion and simplicity (which is something I appreciate in other people's websites).

Part 5: What challenges did you experience in implementing your website? (2-4 sentences max)

It was challenging to make the website responsive as I wanted to make sure it looked good and functioned appropriately on the smaller screen size. At first the site only worked well on a very specific width, so it was a rewarding experience learning more about how to overcome these issues (with the use of media queries for example).


Home page


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web accessibility evaluation tool


Address: <https://jennypenny24.github.io/pui-homewc>


Styles: OFF ☒ ON


Summary


 Summary


 Details


 Reference


 Order


 Structure


 Contrast


 0
Errors


 0
Contrast Errors

 2
Alerts


 6
Features

 9
Structural Elements

 7
ARIA

 View details >


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


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web accessibility evaluation tool


Address: <https://jennypenny24.github.io/pui-homewc>


Styles: OFF ☒ ON


Details


 Summary


 Details

 Reference

 Order


 Structure

 Contrast

☒  2 Alerts

☐ 1 X Missing first level heading

☐ 1 X Redundant link


☒  6 Features

☐ 2 X Alternative text

☐ 1 X Linked image with alternative text

☐ 2 X Figure

☐ 1 X Language

☒  9 Structural Elements

☐ 2 X Heading level 2


☐ 2 X Heading level 3

☐ 2 X Unordered list

☐ 1 X Header

☐ 1 X Navigation

☐ 1 X Main content

☒  7 ARIA


☐ 3 X ARIA

☐ 3 X ARIA label

☐ 1 X ARIA hidden

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About me page


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web accessibility evaluation tool


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Address: <https://jennypenny24.github.io/pui-homewc>


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Summary


 Summary


 Details


 Reference


 Order


 Structure


 Contrast


 **0**
Errors


 **0**
Contrast Errors

 **5**
Alerts


 **7**
Features

 **13**
Structural Elements

 **3**
ARIA

 View details >

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 **WAVE**
web accessibility evaluation tool


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Address: <https://jennypenny24.github.io/pui-homewc>


Styles: OFF ☒ ON


Details


 Summary


 Details

 Reference


 Order

 Structure


 Contrast

☒  **5 Alerts**


- ☐ 3 X Skipped heading level
- ☐ 2 X Redundant link

☒  **7 Features**

- ☐ 4 X Alternative text
- ☐ 1 X Linked image with alternative text
- ☐ 1 X Figure
- ☐ 1 X Language

☒  **13 Structural Elements**


- ☐ 3 X Heading level 1
- ☐ 1 X Heading level 3
- ☐ 3 X Heading level 4
- ☐ 2 X Unordered list
- ☐ 1 X Header
- ☐ 1 X Navigation
- ☐ 1 X Main content
- ☐ 1 X Footer

☒  **3 ARIA**

- ☐ 1 X ARIA
- ☐ 2 X ARIA label

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Project (jitter jive) page


 **WAVE**
web accessibility evaluation tool


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Address: <https://jennypenny24.github.io/pui-homewc>


Styles: OFF ☒ ON


Summary


 Summary


 Details


 Reference


 Order


 Structure


 Contrast


 0
Errors


 0
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 [View details >](#)

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
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Details


 Summary


 Details

 Reference

 Order


 Structure

 Contrast

 2 Alerts

☐ 1 X Missing first level heading

☐ 1 X Redundant link


 24 Features

☐ 11 X Alternative text

☐ 1 X Linked image with alternative text

☐ 11 X Figure

☐ 1 X Language

 6 Structural Elements


☐ 1 X Heading level 2

☐ 2 X Unordered list

☐ 1 X Header

☐ 1 X Navigation

☐ 1 X Main content


 3 ARIA

☐ 1 X ARIA

☐ 2 X ARIA label

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

Project (masthead app) page


 **WAVE**
web accessibility evaluation tool


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Address: <https://jennypenny24.github.io/pui-homewc>


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Summary


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Alerts


 **20**
Features

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
Styles: OFF ☒ ON


Details


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 Contrast

☒  **2 Alerts**


- ☐ 1 X Missing first level heading
- ☐ 1 X Redundant link

☒  **20 Features**

- ☐ 9 X Alternative text
- ☐ 1 X Linked image with alternative text
- ☐ 9 X Figure
- ☐ 1 X Language

☒  **6 Structural Elements**

- ☐ 1 X Heading level 2
- ☐ 2 X Unordered list
- ☐ 1 X Header
- ☐ 1 X Navigation
- ☐ 1 X Main content

☒  **3 ARIA**

- ☐ 1 X ARIA
- ☐ 2 X ARIA label

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