# Assignment 8: Implementing a Web Portfolio

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## Links

Link to Website:
https://rkavari.github.io/hw-8/index.html

Link to Repository:
https://github.com/rkavari/hw-8

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## Part 1: Website Description

The purpose of my website is that it serves as a web portfolio that highlights some of the UX work that I already completed in undergrad. With the portfolio, I intend to convey to potential employers that I have a strong understanding of UX and HCI and deserve to be hired for the job they are considering me for. I lay out some key information about the work process that I undertook for these projects on each project page. The process highlighted on each project page is intended to give the viewer a good grasp of what UX-related concepts, methodologies, and more that I have interacted with in the past to show that I can work in the industry. I try to keep the website interesting and engaging by changing up the body text structure every once in a while and using colorful visuals. Additionally, I have tooltips throughout the project pages that can engage users when they want to learn more about a particular word or phrase I use in the process overview. I also have an animation on the Home page that users can trigger. As alluded to earlier, the target audience for my website is potential employers, HR, and managers.

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## Part 2: Interactions

- Image animation
  - Users click a button which animates an image
    - Interaction was implemented to make website interactive for users and demonstrate understanding of accessibility
    - A button is used to trigger the animation for accessibility purposes, based on the Accessibility lecture
  - Interaction is located on the Home page

- ○ To view interaction
  - ■ Click on the blue button underneath the image that says "Click for animation"
  - ■ See the image zoom in and out
- Tooltips
  - ○ Users hover over blue hyperlinks which reveals a tooltip related to the text
    - ■ Interaction was implemented to make website interactive for users and help users better understand the work process
  - ○ Interaction is located on both the Projects -> Impactify App page and Projects -> Sustainable Hand App page
  - ○ To view interaction
    - ■ Hover over the blue text throughout both pages
    - ■ See the tooltip appear above the section of text

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# Part 3: External Tools

- **Bootstrap**
  - ○ **Why you chose to use it?**
    - ■ I chose to use Bootstrap to make my website responsive. I also wanted to use different features such as custom button styles and tooltips.js.
  - ○ **How you used it?**
    - ■ I used Bootstrap throughout my website to make it responsive for multiple screen sizes. I also used Bootstrap for creating my navigation bar, styling buttons, and creating tooltips.
  - ○ **What it adds to your website?**
    - ■ Bootstrap helps make my website clean and cohesive looking due to its styling resources. It also does a great job of making the site easily responsive. Lastly, it helped make my website interactive for my users.

- **Web Animations API**
  - ○ **Why you chose to use it?**
    - ■ I chose to use the Web Animations API to make my website more interactive. I thought it would be a great resource to help make animate elements on my website.
  - ○ **How you used it?**

- - I used the Web Animations API to animate an image on my home page. I specifically made the image appear to zoom in and out while fixed to its original position.
  - **What it adds to your website?**
    - - The Web Animations API helped me make a simple animation for my home page. I think that the animation shows viewers that I can do more advanced operations in regards to coding. The fact that users can trigger the animation with a button also shows consideration for accessibility since the animation is not auto-playing. Lastly, it helped make the site more interactive and engaging for my users.

## Part 4: Iteration on Mockup

One notable change was the navigation bar for my website. I used Bootstrap to create a navigation bar, making it more responsive and stylized. Another change from the mockup was the removal of the tags on the projects page, which was done because I did not see a use for them. Lastly, I added the image animation on the home page and tooltips on the individual project pages.

## Part 5: Challenges

While implementing my web portfolio, one challenge was learning how to use Bootstrap to make the site responsive. Another challenge was making the tooltips work as they were intended to. Lastly, I had difficulty figuring out how to use the Web Animations API to animate the image on the Home page with the click of a button.

## Accessibility Check with WAVE

View on Next Page

# Assignment 8: Implementing a Web Portfolio

## Home

**Summary**

Summary | Details | Reference | Structure | Contrast

❌ 0 Errors
�● 0 Contrast Errors
⚠ 0 Alerts
✓ 2 Features
△ 3 Structural Elements
▣ 0 ARIA

≡ View details ›

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

https://rkavari.github.io/hw-8/index.html#

**Details**

Summary | Details | Reference | Structure | Contrast

☑ ✓ 2 Features
☑ 1 X Alternative text
☑ 1 X Language

☑ △ 3 Structural Elements
☑ 1 X Heading level 1
☑ 1 X Unordered list
☑ 1 X Navigation

**Structure**

Summary | Details | Reference | Structure | Contrast

Navigation
h1 Mixed MethodsUX Researcher

## Projects

**Summary**

Summary | Details | Reference | Structure | Contrast

❌ 0 Errors
◌● 0 Contrast Errors
⚠ 0 Alerts
✓ 3 Features
△ 5 Structural Elements
▣ 0 ARIA

≡ View details ›

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

**Details**

Summary | Details | Reference | Structure | Contrast

☑ ✓ 3 Features
☑ 2 X Linked image with alternative text
☑ 1 X Language

☑ △ 5 Structural Elements
☑ 1 X Heading level 1
☑ 2 X Heading level 2
☑ 1 X Unordered list
☑ 1 X Navigation

**Structure**

Summary | Details | Reference | Structure | Contrast

Navigation
h1 Projects
h2 Impactify App
h2 Sustainable Hand App

## Project 1: Impactify App

**Summary**

Summary | Details | Reference | Structure | Contrast

❌ 0 Errors
◌● 0 Contrast Errors
⚠ 2 Alerts
✓ 4 Features
△ 19 Structural Elements
▣ 0 ARIA

≡ View details ›

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

**Details**

Summary | Details | Reference | Structure | Contrast

☑ ⚠ 2 Alerts
☑ 1 X Long alternative text
☑ 1 X Redundant link

☑ ✓ 4 Features
☑ 3 X Alternative text
☑ 1 X Language

☑ △ 19 Structural Elements
☑ 9 X Heading level 1

**Structure**

Summary | Details | Reference | Structure | Contrast

Navigation
h1 Background
h1 HMW Statement
h1 Solution
h1 Research Approach
h1 Research Insights
h2 News from Social Media
h2 Importance of Education
h2 Accessible Opportunities

# Assignment 8: Implementing a Web Portfolio

## Project 2: Sustainable Hand App

### Summary

Summary | Details | Reference | Structure | Contrast

❌ 0 Errors

◌● 0 Contrast Errors

⚠ 2 Alerts

✓ 4 Features

⛰ 19 Structural Elements

📖 0 ARIA

▤ View details ›

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

### Details

Summary | Details | Reference | Structure | Contrast

☑ ⚠ 2 Alerts
☑ 1 X Long alternative text
☑ 1 X Redundant link

☑ ✓ 4 Features
☑ 3 X Alternative text
☑ 1 X Language

☑ ⛰ 19 Structural Elements
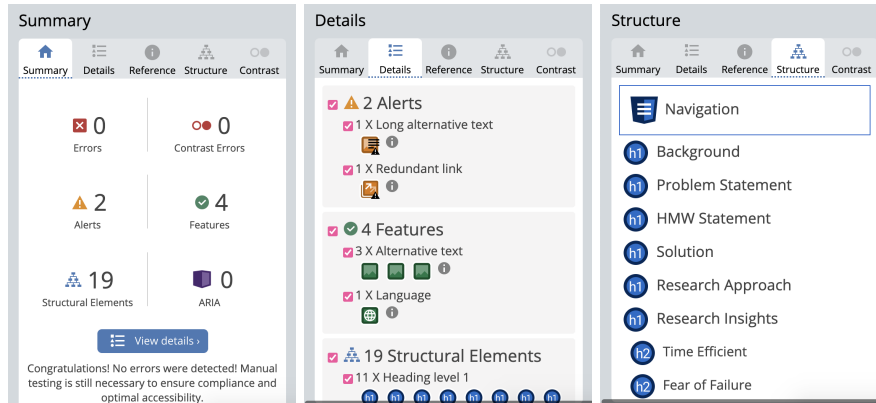☑ 11 X Heading level 1

### Structure

Summary | Details | Reference | Structure | Contrast

▤ Navigation

h1 Background
h1 Problem Statement
h1 HMW Statement
h1 Solution
h1 Research Approach
h1 Research Insights
h2 Time Efficient
h2 Fear of Failure

## About

### Summary

Summary | Details | Reference | Structure | Contrast

❌ 0 Errors

◌● 0 Contrast Errors

⚠ 0 Alerts

✓ 1 Features

⛰ 5 Structural Elements

📖 0 ARIA

▤ View details ›

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

### Details

Summary | Details | Reference | Structure | Contrast

☑ ✓ 1 Features
☑ 1 X Language

☑ ⛰ 5 Structural Elements
☑ 3 X Heading level 1
☑ 1 X Unordered list
☑ 1 X Navigation

### Structure

Summary | Details | Reference | Structure | Contrast

▤ Navigation

h1 Education
h1 Areas of Interest
h1 Hobbies