

## **Part 1: Website Description**

The purpose of this website is to educate users on the nine studio albums created by Taylor Swift. For each of the albums, the website conveys the album cover, a description of the album (often including date released, genre, critical reception, etc.), the track list, pictures relevant to the production / performance of the album, and trivia questions. These trivia questions often center around the stories behind individual tracks or historical background on the album as a whole. The website's interactivity is what makes it interesting and engaging. Rather than the site giving all of the information at once, users can explore the website on their own, choosing which albums to learn about, which pictures to examine via the lightbox slideshow, and which trivia questions to answer. The target audience of the tool is anyone interested in learning more about Taylor Swift, whether they are a superfan or if they've only heard of her as a household name.

## **Part 2: How a user would interact with the website**

1. View all Taylor Swift albums
  - o Simply navigate to the home page. Hover over an album to expand the album cover.
2. View album cover and description for a specific album
  - o Click on any album from the home page.
3. Click on image to see description
  - o Navigate to the album detail page by clicking on any album from the home page. Scroll down to where there are 3-4 images, below the album cover and album description. Click on any image and a slideshow will appear, including text that describes that specific image.
4. Click through images in the lightbox
  - o Follow the instructions of Step 3. Then click through the slideshow using the white arrows.
5. Exit the lightbox
  - o Follow the instructions of Step 3. Then click on the white X in the upper right corner of the screen.
6. Click on a trivia question to reveal the answer
  - o Navigate to the album detail page by clicking on any album from the home page. Scroll down until three white bubbles with text are visible. Click on any bubble so the answer appears with an animation.
7. Click on a trivia question to hide the answer
  - o Follow the instructions of Step 6. Once an answer is visible, click on the white bubble again for the answer to disappear with an animation.
8. Go back from the album detail page to the home page
  - o Navigate to the album detail page by clicking on any album from the home page. Click on the back arrow or "Home" text at either the very top or very bottom of the screen.

## **Part 3: External Tool Used**

### *Name of Tool*

I used animations in this website.

### *Why You Chose To Use It*

I had a few ideas on how to make the website more interactive by changing the states of certain elements on the page. However, I didn't want these changes in state to be abrupt. If an element changes size or shows/hides itself, I wanted this change to be gradual and smooth, so as to not jar the user and to, instead, give them some time to recognize that a change is occurring.

### *How You Used It*

On the home page, the user can hover over specific albums, and the image will expand with an animation. On the album detail page, the user can click on a trivia question to reveal / hide its answer; the answer reveals/hides itself with an animation. Animation is also used when a user hovers over an image on the detail page in the row above the Track List section, by presenting a shadow to show the image is clickable.

### *What It Adds To Your Website*

The animation helps supplement the interactivity of the website, so that it is not too jarring. Instead of a user clicking a question and having an answer suddenly appear, an answer gradually emerges from nothing onto the screen. It also makes the interactions enjoyable, encouraging the user to have fun hovering over different album covers and revealing the answers to different questions. Making these interactions enjoyable are important, as the goal of this site is for users to be able to play around with it and carve their own learning journey, instead of flatly presenting information to the user.

## **Part 4: Changes from HW7**

I made the following changes from my plan from Assignment 7; because these changes are minor, I made them directly in the code and kept the Figma as is. I gave the trivia answer card black instead of white text, as I decided it was more readable and visually pleasant, and I changed the text that says "Back" to "Home", since a user may get to that page from a link other than the home page. In addition, I changed the interaction for the trivia answer card from hovering to clicking to reveal the answer, [as this is a more accessible option for users with mobility disabilities as well as users who use screen readers.](#) Moreover, I added functionality in the lightbox images on the details pages where a shadow appears on hover, to show that these images are clickable.

## **Part 5: Challenges Faced**

Implementing the trivia questions was a major challenge for me. Because I had previously not worked with event listeners before, I ran into many bugs. Implementing the lightbox was also challenging; while I had help from online resources (see citations in code), adapting their implementation to fit the style of my site was extremely difficult. Some of the issues I faced there was sizing and positioning images properly as well as getting background colors in the slideshow to render properly.

# Appendix

## Screenshots of WAVE

The following apply to the entire page:

powered by [WebAIM](#)

Address: <https://miramookerjee.github.io/assignment/>

Styles: OFF ON

**Summary**

Category	Count
Errors	0
Contrast Errors	0
Alerts	12
Features	10
Structural Elements	2
ARIA	0

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

**Details**

- 12 Alerts**
  - 11 X Possible heading
    - h2
    - i
  - 1 X Redundant title text
    - h1
    - i
- 10 Features**
  - 9 X Linked image with alternative text
    - Image 1
    - Image 2
    - Image 3
    - Image 4
    - Image 5
    - Image 6
    - Image 7
    - Image 8
    - Image 9
  - 1 X Language
    - Image 1
    - i
- 2 Structural Elements**
  - 1 X Heading level 1
    - h1
    - i
  - 1 X Footer

**Taylor Swift Album Facts**

The screenshot shows the WAVE tool interface. On the left, the 'Summary' section displays various accessibility metrics: 0 errors, 0 contrast errors, 12 alerts, 10 features, 2 structural elements, and 0 ARIA. Below this is a message: 'Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.' On the right, the 'Details' section is expanded, showing 12 alerts (mostly related to heading levels) and 10 features (linked images with alt text). The main content area displays five album covers for Taylor Swift: 'Debut Album Cover', 'Fearless Album Cover', 'Speak Now Album Cover', 'Red Album Cover', and '1989'. Each cover has a small icon indicating its status (e.g., green for linked image with alt text).

The following apply to the entire page:

powered by [WebAIM](#)

Address: <https://miramookerjee.github.io/assignment/>

Styles: OFF ON

**Taylor Swift Album Facts**

This screenshot shows the 'Details' section of the WAVE tool for the Taylor Swift Album Facts page. It lists 12 alerts (including 11 possible headings and 1 redundant title text), 10 features (9 linked images with alt text and 1 language element), and 2 structural elements (1 heading level 1 and 1 footer). The main content area shows the same five album covers as the previous screenshot, each with a small icon indicating its status.

The following apply to the entire page:

powered by [WebAIM](#)

Address: <https://miramookerjee.github.io/assignment/>

Styles: OFF  ON

**Structure**

Summary Details Reference Structure Contrast

**h1** Taylor Swift Album Facts

**Footer**

"Debut Album Cover"

"Fearless Album Cover"

Taylor Swift

Fearless

Speak Now

T.S. 1989

Code

On the detail page, note the following regarding alerts:

1. The possible headings are the text beneath each image, and I decided marking them as headings would be confusing to the user
2. The redundant title text is from code that Freepik asks us to include in order to properly attribute them, so I did not want to change this

The following apply to the entire page:

powered by [WebAIM](#)

Address: <https://miramookerjee.github.io/assignmen/>

Styles: OFF  ON

**Summary**

[Summary](#) [Details](#) [Reference](#) [Structure](#) [Contrast](#)

<span style="color: red;">x</span> 0 Errors	<span style="color: red;">oo</span> 0 Contrast Errors
<span style="color: orange;">⚠</span> 16 Alerts	<span style="color: green;">✓</span> 15 Features
<span style="color: blue;">▲</span> 6 Structural Elements	<span style="color: purple;">1</span> ARIA

[View details](#)

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

 Taylor Swift's eighth studio album *Folklore* was released on July 24, 2020, when Taylor was 30 years old. The album was written entirely during quarantine of the COVID-19 pandemic. It marks a stark departure from the pop streak of her last three albums, instead falling primarily into the genres of indie folk and alternative rock. *Folklore* received widespread critical acclaim, with Rob Sheffield of *Rolling Stone* writing that it brings out Taylor's "deepest wit, compassion, and empathy." It is marked on Metacritic as an album with "universal acclaim", and is widely regarded as Taylor's best album. *Folklore* received 5 Grammys, including *Album of the Year*, making it Taylor's third time winning the prestigious award. This made Taylor the first woman in history to win *Album of the Year* thrice.

[Folklore Album Cover](#)

</>  
Code

The following apply to the entire page:

 

Address: <https://miramookerjee.github.io/assignment1/>

Styles: OFF  ON

**Details**

-  **16 Alerts**
  -  1 X A nearby image has the same alternative text 
  -  3 X Possible heading 
  -  1 X Redundant link 
  -  9 X Device dependent event handler 
  -  1 X Very small text 
  -  1 X Redundant title text 
-  **15 Features**
  -  12 X Alternative text

  
 \*Folklore Album Cover\*

Taylor Swift's eighth studio album *Folklore* was released on July 24, 2020, when Taylor was 30 years old. The album was written entirely during quarantine of the COVID-19 pandemic. It marks a stark departure from the pop streak of her last three albums, instead falling primarily into the genres of indie folk and alternative rock. *Folklore* received widespread critical acclaim, with Rob Sheffield of *Rolling Stone* writing that it brings out Taylor's "deepest wit, compassion, and empathy." It is marked on Metacritic as an album with "universal acclaim", and is widely regarded as Taylor's best album. *Folklore* received 5 Grammys, including *Album of the Year*, making it Taylor's third time winning the prestigious award. This made Taylor the first woman in history to win *Album of the Year* thrice.

 Code

The following apply to the entire page:

 

Address: <https://miramookerjee.github.io/assignment1/>

Styles: OFF  ON

**Structure**

-  **h1** Folklore
-  **h2** Track List
-  **h2** Trivia
-  **h3** Click the question to view the answer!
-  Footer

  
 \*Folklore Album Cover\*

Taylor Swift's eighth studio album *Folklore* was released on July 24, 2020, when Taylor was 30 years old. The album was written entirely during quarantine of the COVID-19 pandemic. It marks a stark departure from the pop streak of her last three albums, instead falling primarily into the genres of indie folk and alternative rock. *Folklore* received widespread critical acclaim, with Rob Sheffield of *Rolling Stone* writing that it brings out Taylor's "deepest wit, compassion, and empathy." It is marked on Metacritic as an album with "universal acclaim", and is widely regarded as Taylor's best album. *Folklore* received 5 Grammys, including *Album of the Year*, making it Taylor's third time winning the prestigious award. This made Taylor the first woman in history to win *Album of the Year* thrice.

 Code

On the detail page, note the following regarding alerts:

1. The nearby image with the same alt-text is the same image, just displayed in the slideshow
2. The redundant link is intentional, one at the top of the page and one at the bottom

3. The very small text is the attribution to Freepik, so as to keep the attribution clearly separate from the site content
4. The redundant title text is from code that Freepik asks us to include in order to properly attribute them, so I did not want to change this

## Links

Hosted website: [https://miramookerjee.github.io/assignment\\_8/](https://miramookerjee.github.io/assignment_8/)

Figma: <https://www.figma.com/file/FDQQKpbGQGHUaFIIMVnrbR/Untitled?node-id=0%3A1>