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Peter Sheehen

0003002(L)

Task 3: Present your experience in developing your website

Website Design

**Part 1**

**Question 2**

In an effort to elevate my website's appearance and make it more reflective of Tina Turner's persona, I set out to make drastic changes. However, I soon realized that achieving the desired outcome was not an easy feat. While I did make some progress in terms of layout changes, particularly on the home and about pages with the addition of new sections, I struggled to find a way to implement a modal for the album images that would meet my standards. Despite my efforts to code it to perfection, I was unable to find any suitable tutorials to follow.

Aside from the modal feature, there were other aspects of the website that I was eager to address as well, such as the need for engaging animations for text and images when scrolling, improved accessibility, mobile responsiveness, and an enhanced contact page. However, due to a combination of factors, including limited knowledge and other pressing assignments, I simply could not find the time to tackle these changes.

In sum, while my initial attempts to overhaul my website fell short of my expectations, I remain committed to enhancing its visual appeal and functionality. Despite the challenges I faced, I am determined to continue exploring ways to improve the website and create a more seamless user experience for visitors.

**Part 2**

**Question 1**

|  |  |  |
| --- | --- | --- |
| Input | Process | Output |
| Navigation menu selection | Handle navigation menu clicks, redirecting users to different pages (e.g., about.html, articles.html, etc.) | Navigate to different pages (e.g., about.html, articles.html, etc.) when users click on the corresponding menu items |
| Carousel navigation to view different images | Activate carousel navigation, allowing users to view different images by clicking on carousel control buttons | Show different images in the carousel when users click on the carousel control buttons |
| Scrolling to view different sections on the page | Render the page, including navigation menu, carousel, album images, and about section | Display a static webpage featuring the Tina Turner fan page, including a navigation menu, carousel, album images, and an about section |
| User clicks on the "Read more" button for each article | Redirects user to the selected article (e.g., article1.html, article2.html, etc.) | Leads to the respective detailed article page |
| User-provided first name | Validate form input fields to ensure proper format and data integrity when the form is submitted | Form submission confirmation, which may be handled by the user's email client |
| User-provided last name |
| User-provided email address |
| User-provided message |
| User clicks on the "Send" button | Email the form data to the specified email address (petersheehan22@gmail.com) using the "mailto" action | Email sent to petersheehan22@gmail.com containing the user's first name, last name, email address, and message |
| User clicks on the "Cancel" button | Resets the data in the input fields | Deleted the data in the input fields to be blank |

**Question 2**

**Test Case 1: Navigation menu selection**

1. Load the Tina Turner fan page in a browser.
2. Click on each navigation menu item (e.g., Home, About, Articles, Awards, Albums, Contact).
3. Verify that the user is redirected to the corresponding page (e.g., index.html, about.html, articles.html, awards.html, albums.html, contact.html).

**Test Case 2: Carousel navigation to view different images**

1. Load the Tina Turner fan page in a browser.
2. Click on the carousel control buttons.
3. Verify that different images in the carousel are displayed when users click on the carousel control buttons.

**Test Case 3: Scrolling to view different sections on the page**

1. Load the Tina Turner fan page in a browser.
2. Scroll down the page to view different sections (e.g., navigation menu, carousel, album images, about section).
3. Verify that the static webpage displays all the mentioned sections properly.

**Test Case 4: User clicks on the "Read more" button for each article**

1. Load the articles.html page in a browser.
2. Click on the "Read more" button for each article.
3. Verify that the user is redirected to the corresponding detailed article page (e.g., article1.html, article2.html, etc.).

**Test Case 5: User-provided first name, last name, email address, and message**

1. Load the contact.html page in a browser.
2. Enter valid data for the first name, last name, email address, and message fields.
3. Click on the "Send" button.
4. Verify that the form submission confirmation appears, which may be handled by the user's email client.

**Test Case 6: User clicks on the "Send" button**

1. Load the contact.html page in a browser.
2. Enter valid data for the first name, last name, email address, and message fields.
3. Click on the "Send" button.
4. Verify that an email is sent to [petersheehan22@gmail.com](mailto:petersheehan22@gmail.com) containing the user's first name, last name, email address, and message.

**Test Case 7: User clicks on the "Cancel" button**

1. Load the contact.html page in a browser.
2. Enter data for the first name, last name, email address, and message fields.
3. Click on the "Cancel" button.
4. Verify that the data in the input fields is deleted, and the fields are reset to blank.

**Question 3**

Step 1: Open the W3C Markup Validation Service

* Visit <https://validator.w3.org/> in your web browser.

Step 2: Choose your preferred validation method

* The W3C validator provides three methods to validate your code: by URI, by file upload, or by direct input. Choose the method that best suits your needs:
  1. Validate by URI: If your website is already online, enter the URL of the page you want to validate in the "Address" field, and click the "Check" button.
  2. Validate by file upload: If you have an HTML file saved on your computer, click the "By File Upload" tab, click the "Choose File" button, select the HTML file you want to validate, and click the "Check" button.
  3. Validate by direct input: If you have your HTML code in a text editor, click the "By Direct Input" tab, copy the HTML code from your text editor, paste it into the text area provided, and click the "Check" button.

Step 3: Review the validation results

* After clicking the "Check" button, the validator will process your code and display the results. The results will show any errors or warnings detected in your markup.

Step 4: Fix errors and warnings

* Review the list of errors and warnings provided by the validator. Errors indicate issues in your code that do not comply with HTML standards, while warnings suggest potential improvements or best practices.
* To fix an error or warning, locate the line number and column number mentioned in the report. Open your HTML file in a text editor, navigate to the specified location, and correct the issue.
* If you're unsure how to fix an error or warning, you can click on the "More information" link provided by the validator for each issue. This will open a new page with a detailed explanation and possible solutions.

Step 5: Revalidate your code

* After fixing the errors and warnings, revalidate your code using the W3C Markup Validation Service. Repeat steps 2-4 until your code passes validation without errors or warnings.