Final Project: Developing a Complete Website using HTML, CSS, and JavaScript

Overview: In this assignment, you will be tasked with developing a complete website using HTML, CSS, and JavaScript. You will be required to create a responsive website that is user-friendly, easy to navigate, and visually appealing. Your website should also include a variety of features that will allow users to interact with the site and navigate through it easily.

Requirements:

1. The website should include a minimum of 5 pages, including a home page, contact page, about page, and at least 2 additional pages relevant to your website topic.
2. Use HTML to create the structure of your website. Ensure that your HTML is semantic and follows best practices for accessibility.
3. Use CSS to style your website. Ensure that your CSS is well-organized and follows best practices for maintainability.
4. Use JavaScript to add interactivity and functionality to your website. You should include at least one form and one interactive feature, such as a dropdown menu or image carousel.
5. Your website should be responsive and work well on all devices, including desktop, tablet, and mobile.
6. Use appropriate images and media to enhance the visual appeal of your website.
7. Your website should be well-documented, with comments explaining the purpose of each section of code.

Deliverables:

1. The HTML, CSS, and JavaScript files for your website.
2. A written report that includes the following:
- An overview of your website, including its purpose and target audience.
- A detailed requirements list.
- A description of the design and layout of your website, including the color scheme, typography, and imagery.
- An explanation of how you used HTML, CSS, and JavaScript to create your website.
- A discussion of the challenges you faced during the development process and how you overcame them.
- A reflection on what you learned during the development process and how you could improve your website in the future.

Grading Criteria:

Your website will be graded based on the following criteria:

- Functionality: Does the website work as intended, and are all features functional?
- Design: Is the website visually appealing, well-designed, and user-friendly?
- Responsiveness: Does the website work well on all devices?
- Code Quality: Is the code well-organized, documented, and follows best practices?
- Creativity: Is the website unique and original, with a creative approach to design and functionality?
- Completion: Has the student completed all requirements of the assignment?

Submission Instructions:

- Submit your HTML, CSS, and JavaScript files in a zip file, emailed to me as an attachment.
- Submit your written report as a PDF document, emailed to me as an attachment.
- Please do NOT send me a Google Drive link!!!!
- Due Date: Friday, April 28th, 2023 at 11:59pm
- NOTE: As final grades are due only a few days after this, no extensions will be given beyond this due date.