IT26/L – Web Development
2nd Laboratory Examination
2nd Term 2nd Sem S.Y. 2023-2024
HTML & CSS Practical Exam

Name : _____ Set : _____ Time: _____ Date: _____

This rubric assesses student performance on an HTML and CSS practical exam where they recreate a provided web design using HTML, CSS, grid, and flexbox.

Criteria	Excellent 20 Points	Good 18 Points	Fair 12 Points	Poor 5 Points	Score
HTML Structure	Semantic HTML used consistently (header, nav, content, footer)	Mostly semantic HTML used. Minor errors.	Limited use of semantic HTML.	No semantic HTML used or major errors in structure.	
CSS Syntax	Valid and well-formatted CSS with proper indentation.	Mostly valid CSS with minor syntax errors.	CSS has formatting issues and some syntax errors.	Invalid CSS with major syntax errors.	
Layout & Design	Matches the provided design perfectly. Elements are positioned accurately using grid or flexbox.	Closely resembles the design. Minor layout discrepancies.	Somewhat resembles the design. Layout issues are noticeable.	Significantly different from the design. Major layout problems.	
Responsiveness	Website adapts to different screen sizes (desktop and mobile).	Website looks good on desktop, but may have minor issues on mobile.	Limited responsiveness or requires significant adjustments for different screen sizes.	No responsiveness. Website is not usable on different devices.	
Use of Grid & Flexbox	Grid and flexbox are used effectively to achieve the desired layout.	Grid or flexbox is used, but there may be simpler or more efficient ways to achieve the layout.	Limited or incorrect use of grid or flexbox.	No use of grid or flexbox.	
				TOTAL	

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Web Design Recreation (1 Hour)
Instructions:

This exam will assess your skills in building web pages using HTML and CSS. You will be tasked with recreating a provided web design using semantic HTML, proper CSS syntax, and layout techniques like grid and flexbox.

A set of pre-designed web layouts (Set A, B, or C) - you will be assigned a specific set.

Important Note:

- You will NOT have access to the internet during this exam.
- You may NOT use any external notes or references.

Exam Procedure:

1. **Review the Design (10 minutes):** Take some time to carefully review the web design assigned to your set (A, B, or C).
2. **Plan Your Code (10 minutes):** Before you start coding, plan the structure of your HTML and CSS. Consider how you will achieve the layout using semantic elements, grid, and flexbox.
3. **Coding (40 minutes):** Start coding your web page using HTML and CSS. Remember to:
    - Use semantic HTML elements (wrapper, header, nav, content, etc.) for proper structure.
    - Write valid and well-formatted CSS with proper indentation.
    - Apply grid or flexbox to achieve the desired layout.
    - Consider adding comments to your code to explain its functionality (optional but highly recommended).
4. **Testing and Debugging (20 minutes):** Once you've finished coding, test your web page in a local browser. Use developer tools to debug any errors or adjust styles as needed.

Saving Your Work:

1. Create a folder on your local machine workstation named: <lastname>-lab2-set-<letter of set>.
   e.g. penalosa-lab2-set-a
2. Save your HTML file named index.html inside the created folder.
3. Save your CSS file named style.css inside the same folder.

Evaluation:
Your code will be evaluated based on the following criteria:

- **HTML Structure:** Use of semantic HTML elements.
- **CSS Syntax:** Valid and well-formatted CSS code.
- **Layout & Design:** Accuracy of layout compared to the provided design.
- **Responsiveness**: How well your design adapts to different screen sizes.
- **Use of Grid & Flexbox:** Effective use of grid and flexbox for layout.

Additional Notes:

- Strive for clean, well-organized code.
- If you encounter any difficulties, do your best to solve them independently.
- You may raise your hand to ask the instructor for clarification on the exam instructions, but you cannot ask for help with the code itself.

Happy Coding!
Shalom!