

# Assignment Three

PAGE LAYOUT, TABLES, FORMS, MULTIMEDIA AND INTER ACTIVITY (10%)

## DUE DATE

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Session 10

## OBJECTIVES

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The objectives of this assignment are to demonstrate the ability to:

- Add tables and forms to a website
- Incorporate audio and video elements to a website
- Add social media and interactivity components to a site
- Improve page layout and display features
- Validate HTML and CSS files
- Apply the appropriate responsive design strategies for a mobile, tablet and desktop viewports

## DESCRIPTION

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In this third assignment, you will incorporate additional content and interactivity to your ongoing assignment scenarios. The purpose of the assignment is to design and incorporate additional interface features and functionality to your responsive website and modify the CSS for styling the components of your site.

## INSTRUCTIONS

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1. Read all instructions first.
2. Follow the instructions in your selected Website Case Study section beginning page 372 of the Textbook. Be sure to continue the same case study throughout all three assignments. If you need help in interpreting the instructions, see your instructor.
3. At the top of each CSS and HTML file, in a comment, note the name of the file, the date, your name and your student number.
4. When marking up or coding your external CSS file and web pages files, you must include meaningful comments throughout to assist the reader in quickly locating and interpreting code.

**Part 1: Improving Web Design with New Page Layouts**

Based on the scenario that you selected, complete Part 1 and Part 2 of the instructions set up in the “Consider This: Your Turn” section on pages 372-374 of the Textbook. Be sure to access the correct file for your scenario.

Hint: Complete this part of the Assignment after you complete Session 7.

**Part 2: Tables and Forms**

Based on the scenario that you selected, complete Part 1 and Part 2 of the instructions set up in the “Consider This: Your Turn” section on pages 430-431 of the Textbook. Be sure to access the correct file for your scenario.

Hint: Complete this part of the Assignment after you complete Session 8.

**Part 3: Audio and Video**

Based on the scenario that you selected, complete Part 1 and Part 2 of the instruction set up in the “Consider This: Your Turn” section on page 463 of the Textbook. Be sure to access the correct file for your scenario.

Hint: Complete this part of the Assignment after you complete Session 9.

**Part 4: Social Media and Interactivity**

Based on the scenario that you selected, complete the following steps.

1. Open the external style sheet that you created in the previous part of the assignment (for your selected scenario) and save it as `Portfoliostyles10.css`, `/ Webdevstyles10.css`, or `/ dogstyles10.css`
2. Add your name and the current date as comments to the first line of the CSS sheet.
3. Open the files you created in the previous part of the assignment in the HTML editor and make sure your name and date are added as comments to each file (first line).
4. Update the HTML files to:
  - a. Insert at least 2 social media icons on all pages
  - b. Include links to the social media home pages
  - c. Create an alert message
5. Update the CSS file to:
  - a. Style the social media icons
  - b. Add comments to note all changes and updates
6. Save and test your files.
7. Validate and correct your HTML and CSS files before submission.

Hint: Complete this part of the Assignment after you complete Session 10.

## SUBMISSION INSTRUCTIONS

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Work must be submitted in the correct file type and be properly labelled as per the College naming convention:

NAME\_COURSE\_ASSIGNMENT. E.g. XuXiaLing\_FM50D\_A01.

Your assignment must contain:

- Portfoliostyles07.css, portfolio.html/ Webdevstyles07.css, all webdev related html files/ dogstyles07.css and all other dog hall of fame HTML files (Part 1)
- Portfoliostyles08.css, portfolio.html/ Webdevstyles08.css, all webdev related html files/ dogstyles08.css and all other dog hall of fame HTML files (Part 2)
- Portfoliostyles09.css, portfolio.html/ Webdevstyles09.css, all webdev related html files/ dogstyles09.css and all other dog hall of fame HTML files (Part 3)
- Portfoliostyles10.css, portfolio.html/ Webdevstyles10.css, all webdev related html files/ dogstyles10.css and all other dog hall of fame HTML files (Part 4)
- Any additional files required in your assignment (images, graphics etc.) depending on your scenario.

## GRADING CRITERIA

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Assignment Value: **10%**

You will be graded on:

Component	Marks up to
Part 1 - Page Layout	<b>5</b>
Submitted the appropriate updated CSS files and HTML files with the required styles as per the instructions for each scenario including the updated viewport parameters	5
Part 2 – Tables and Forms	<b>10</b>
Submitted file contains at a minimum all the required sections, declarations and tags and the styles are integrated with the parameters provided in the selected scenario instruction set (addition of the tables and or forms for the proper content correct formatting hiding or exposing of selected content based on viewport).	10
Part 3 – Audio and Video	<b>20</b>
Updated HTML files	2
Addition of audio and video components	2
Inclusion of proper attributes and formatting of multimedia components	3
Create style rules audio and video components	3
Video set to play automatically and display controls	4
Fallback text included in case of non-support by browsers	2
All files contain appropriate comments	2
HTML and CSS file validation	2

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Part 4 – Interactivity and social media	<b>15</b>
Updated HTML and CSS files	3
Addition of 2 social media icons	2
Inclusion links to social media home page	2
Alert message	2
Styling of social media icons	4
HTML and CSS file validation	2
<hr/>	
<b>TOTAL</b>	<b>50</b>