

COMMERCE AND BUSINESS ADMINISTRATION

CSIS 1280: MULTIMEDIA WEB DEVELOPMENT

Mid-Term Exam

(30 % towards your Final Grade)

Code the home page (index.html) for the following website. Place all the CSS in a separate file styles.css



Three-column Page Layout (see wireframe) (10 Marks)

- Configure a centered three-column page layout using a div having 100% width (use minimum width: 320px and maximum width: 1200px)
- Configure a box-shadow effect on the div

The header element (5 Marks)

• Configure a header with an h1 element. Use style declarations for a linear gradient background

The nav element (10 Marks)

- Configure style declarations for hyperlinks that looks like rounded buttons
- Configure the :link, :visited and :hover pseudo classes on navigational links. The links should change color when mouse is visited or hovered.

The section with id="main" (25 Marks)

- Configure an img element (logo.jpg) with 100% width and 150px height
- Configure an h2 element with 1.1em font-size, 5px letter spacing and a linear gradient background
- Configure a p element with 1.4em line height and 15px margin
- Configure a table (width set to 100%).
 - O Use thead, thody and thoot.
 - Use border, font-size, border-collapse, padding, vertical-align, caption-side, background.

The section with id="right" (25 Marks) - Don't use
 - Don't u

- Configure a form as shown in the screenshot. The form contains two field sets with legends
- The first fieldset configures two text boxes, one telephone number and one email address form controls.
- The second fieldset configures one calendar form control, one select list form control (configured with five option elements), one slider form control and one scrolling text box.
- Configure a submit and a cancel button
- Configure a border around the form and style the legends and the labels.

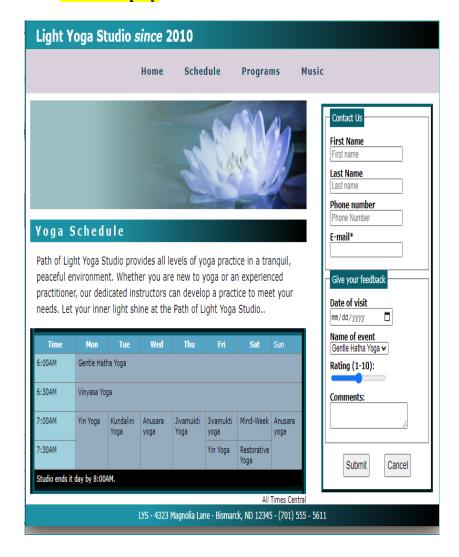
The footer element (5 Marks)

• Configure declarations for 0.80em size centered text, linear gradient background and 30px line height

Responsive Design (see wireframe) (50 Marks)

- Display two-column page when the viewport size is a maximum of 1024 pixels (a typical tablet display)
- Display a single-column page further optimized for smartphone display when the viewport size is 768 pixels or smaller.

Tablet Display



Mobile Display



Desktop display (use minimum width: 320px and maximum width: 1200px)

	header	
nav	section id="main"	section id="right"
	(set width to 60%)	(set width to 20%)
(set width to		
15%)	img(width: 100%; height: 150px)	form
	h2	
	p	
	table	
	footer	•

Tablet display (max-width: 1024px) - Two Column display

header	
nav	
Display inline-block	
section id="main"	section id="right"
(Width 70%)	(Width 30%)
Img	
h2	form
p	
table	
footer	

Mobile display (max-width: 768px) - single column display

header
Nav
Display block
section id="main"
<mark>img (display: none)</mark>
h2
p
table
section id="right"
form
footer

General Guidelines

- 1. You can change the font type, font size and font color as long as there is a standard format (consistent scheme).
- 2. You cannot change the textual information in the page. You must implement what is shown above.
- 3. The general design should be the same as the above page.
- 4. The page should have its mobile equivalents.

Submission:

• Your submission should be a **single zip file** named **Lastname_StudentID** that contains your work. Also include your name and Student ID in the footer section of the webpage.

Rubrics for Grading:

- 80 Meeting all the requirements for desktop display
- 25 Meeting all the requirements for tablet display
- 25 Meeting all the requirements for mobile display
- 20 Coding Validation (both HTML and CSS). Each validation error will incur a loss of 1 mark.