CIS 4004: Web-Based Information Technology Fall 2018

Project One (100 pts)
Due Sunday September 9, 2018

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                                        T & Th: 1:30-3:00pm

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Project One

- This assignment has three main objectives:

(1) To give you some practice marking up text with HTML5 elements.

(2) To make the first steps in developing a complete website.

(3) To begin applying the four principles of visual design to a website.
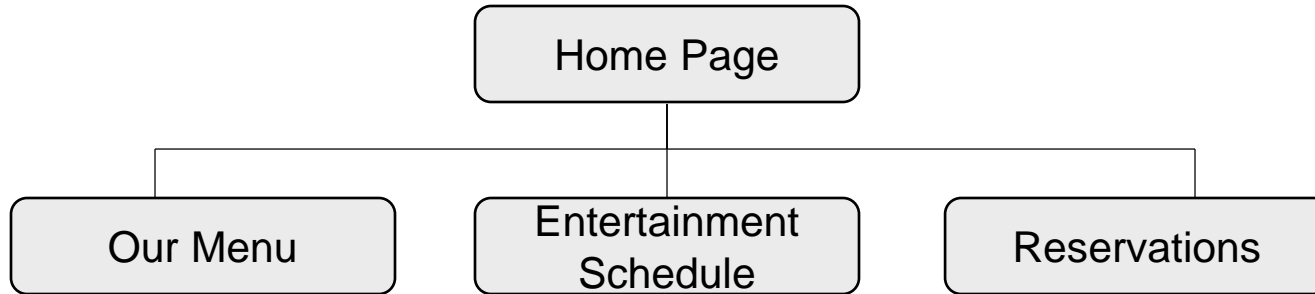
HTML For Project One

- The owner of The Lighthouse Bistro, located in Mackinac City, Michigan, has hired you create a website for the restaurant.

- The bistro offers a variety of specialty coffees and teas as well as various dining options and entertainment for visitors to the tip of Michigan's northern peninsula .

- The target audience for The Lighthouse Bistro is both locals and visitors (vacationers) to the area who enjoy nature and outdoor activities.

- The owner would like the website to emphasize the uniqueness of the location and the specialty coffees, teas, and cuisine.

- They would like the website to include a home page, a page to describe the menu, an entertainment schedule page, and a page for reserving dining/concerts at the bistro.

HTML For Project One
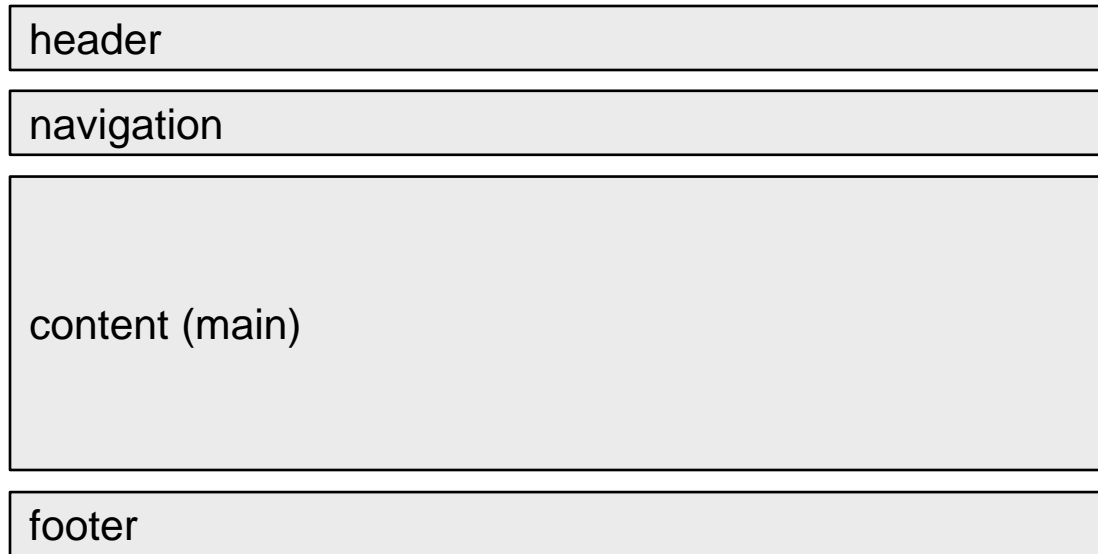
- The site map for The Lighthouse Bistro is shown below:

```
                    ┌─────────────────┐
                    │   Home Page     │
                    └─────────────────┘
                            │
        ┌───────────────────┼───────────────────┐
┌─────────────────┐ ┌─────────────────┐ ┌─────────────────┐
│    Our Menu     │ │  Entertainment  │ │  Reservations   │
│                 │ │    Schedule     │ │                 │
└─────────────────┘ └─────────────────┘ └─────────────────┘
```

- For this assignment you will begin to create the website by including only two different pages.

  – An index/home page titled "index".

  – A page titled "menu".

HTML For Project One

- The wireframe for each of the two pages to be developed in this project is shown below:

```
┌─────────────────────────────────────────────────┐
│ header                                          │
└─────────────────────────────────────────────────┘

┌─────────────────────────────────────────────────┐
│ navigation                                      │
└─────────────────────────────────────────────────┘

┌─────────────────────────────────────────────────┐
│                                                 │
│                                                 │
│ content (main)                                  │
│                                                 │
│                                                 │
│                                                 │
└─────────────────────────────────────────────────┘

┌─────────────────────────────────────────────────┐
│ footer                                          │
└─────────────────────────────────────────────────┘
```

- Create a folder named `ProjectOne` and place both the `index.html` and `menu.html` files for this project inside this folder.

HTML For Project One

- The content to be included in these two pages is illustrated on the following two slides.

- The layout should conform to the wireframe as shown on page 5.

- Use proper HTML5 semantic elements as shown on the following two pages.

- Be sure to properly indent your markup.

The Lighthouse Bistro

Wireframe header

Home Our Menu Entertainment Schedule Reservations

Wireframe navigation

Enjoy Fine Dining and Entertainment at Lighthouse Point

The Lighthouse Bistro offers fine dining and entertainment a stones throw from the Old Mackinac Point Lighthouse on the Straits of Mackinac. The lighthouse was build in 1892 as a sentinel for vessels entering the Straits of Mackinac. Open year round. Yes, even in the winter! Stop in for a mug of one our specialty coffees after your hike.

- Specialty Coffees and Teas
- Bagels, Muffins, and Organic Snacks
- Clam Strips, Oysters, and Fresh Fish served daily
- Music and Poetry Readings
- Open Mic Night Every Friday starting at 8:00pm

Wireframe (main content)

The Lighthouse Bistro
#27 Lighthouse Road
Mackinac City, Michigan 49701

888-555-5555

Copyright © 2018 The Lighthouse Bistro
yourfirstname@yourlastname.com

Wireframe footer

file:///C:/Courses/CIS%204004%20-%20Web%20Based%20Information%20Technology/CIS%20...

h1

Navigation is spaced using   (not a list). Make links act correctly.

The Lighthouse Bistro

Home   Our Menu   Entertainment Schedule   Reservations

Enjoy Fine Dining and Entertainment at Lighthouse Point

h3

The Lighthouse Bistro offers fine dining and entertainment a stones throw from the Old Mackinac Point Lighthouse on the Straits of Mackinac. The lighthouse was build in 1892 as a sentinel for vessels entering the Straits of Mackinac. Open year round. Yes, even in the winter! Stop in for a mug of one our specialty coffees after your hike.

p

- Specialty Coffees and Teas
- Bagels, Muffins, and Organic Snacks
- Clam Strips, Oysters, and Fresh Fish served daily
- Music and Poetry Readings
- Open Mic Night Every Friday starting at 8:00pm

ul

The Lighthouse Bistro
#27 Lighthouse Road
Mackinac City, Michigan 49701

div

888-555-5555

Copyright symbol is ©

Copyright © 2018 The Lighthouse Bistro
yourfirstname@yourlastname.com

The index/home page

The Lighthouse Bistro

Home   Our Menu   Entertainment Schedule   Reservations

Coffees

Just Java
Regular house blend, decaffeinated coffee, or flavor of the day.
Endless Cup $2.00
Cafe au Lait
House blended coffee infused into a smooth, steamed milk.
Single $2.00   Double $3.00
Iced Cappuccino
Sweetened espresso blended with icy-cold milk and served in a chilled glass.
Single $4.75   Double $5.75   Wow! $7.75

Teas

Breakfast Teas
Darjeeling, English Breakfast, Queen Anne, Green Tea with Lemon
Endless Cup $2.00
Afternoon Teas
Lemon, Pure Peppermint, Earl Grey, China Oolong,
Endless Cup $3.00
Exotic Teas
Orange & Cinnammon Spice, Camomile, Honey & Vanilla, Pomegranate & Raspberry.
One Cup $3.50

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yourfirstname@yourlastname.com

Project One

- This first project contains no CSS, only markup using HTML5.

- Both of your HTML files must pass validation. Use the validator provided by the W3C organization listed below:

  - http://validator.w3.org/

- The output from this validator is illustrated on page 12.

- An alternate HTML validator is available at: https://html5.validator.nu (see last page for an example).

What To Turn In

The deliverables for this assignment are to be submitted via WebCourses no later than 11:59pm Sunday September 9, 2018 are:

1. Two valid HTML5 documents containing the semantically correct markup for the index/home and menu pages. (70 pts – 35pts for each page). **Be sure your markup is properly indented.**

2. A document containing screen captures for both HTML5 validations (both passing!) (10 pts – 5pts for each valid page)

3. A screen shot of a browser rendering of the home page and the menu page. (20 pts – 10pts for each screen shot)

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file index.html

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...]

Check by [file upload ⌄] [Choose File] No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check]

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 4 milliseconds.

About this checker • Report an issue • Version: 18.8.26

(X)HTML5 validation results for index.html

Validator Input

| File Upload ∨ | Choose File | No file chosen |

☐ Show Image Report

☐ Show Source

Validate

The document is valid HTML5 + ARIA + SVG 1.1 + MathML 2.0 (subject to the utter previewness of this service).

Used the HTML parser.

Total execution time 4 milliseconds.

About this Service • More options