# JavaJam Coffee House Case Study – Textbook - Chapter 2

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# Julio Perez is the owner of the JavaJam Coffee House, a gourmet coffee shop that serves snacks, coffee, tea, and soft drinks. Local folk music performances and poetry readings are held a few nights during the week. The customers of JavaJam are mainly college students and young professionals. Julio would like a web presence for his shop that will display his services and provide information about performances. He would like a home page, menu page, music performance schedule page, and job opportunities page. A site map for the JavaJam Coffee House website is shown in Figure 2.31. The site map describes the architecture of the website, which consists of a Home page with three main content pages: Menu, Music, and Jobs.

# Figure 2.32 displays a wireframe sketch of the page layout for the website. It contains a site logo, a navigation area, a main content area, and a footer area for copyright information. You have three tasks in this case study:

# Create a folder for the JavaJam website.

# Create the Home page: index.html.

# Create the Menu page: menu.html.

# Hands-On Practice Case Study

**Task 1:** Create a folder on your hard drive or portable storage device (thumb drive or SD card) called yourname\_chapter2 to contain your JavaJam website files. Where yourname is your CVTC username.

**Task 2: The Home Page.** You will use a text editor to create the Home page for the JavaJam Coffee House website. The Home page is shown in Figure 2.33.

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**FIGURE 2.33** *JavaJam index.html.*

# Launch a text editor, and create a web page using HTML with the following specifications:

# Web Page Title: Use a descriptive page title. The company name is a good choice for a business website.

# Wireframe Header Area: Code the header element with the text, "JavaJam Coffee House" contained within an h1 heading element.

# Wireframe Navigation Area: Place the following text within a nav element:

# Home Menu Music Jobs

# Code anchor tags so that "Home" links to index.html, "Menu" links to menu.html, "Music" links to music.html, and "Jobs" links to jobs.html.

# Wireframe Main Content Area: Code the page content within a main element. Be sure to use the <main> element for this and indent the contents appropriately. Use Hands-On Practices 2.11 and 2.12 as a guide.

# Configure the following content in an unordered list:

# Specialty Coffee and Tea

# Bagels, Muffins, and Organic Snacks

# Music and Poetry Readings

# Open Mic Night Every Friday Night

# Code the following address and phone number contact information within a section element inside the main element. Use line break tags to help you configure this area and add extra space between the phone number and the footer area.

# 54321 Route 42

# Ellison Bay, WI 54210

# 888-555-5555

# Wireframe Footer Area: Configure the following copyright and e-mail link information within a footer element. Format it with small text size (use the <small> tag).

# Copyright © 2021 JavaJam Coffee House

# Place your name in an e-mail link on the line under the copyright.

# The page in Figure 2.33 may seem a little sparse, but don't worry; as you gain experience and learn to use more advanced techniques, your pages will look more professional. White space (blank space) on the page can be added with <br> tags where needed. Your page does not need to look the exactly the same as the sample. Your goal at this point should be to practice and get comfortable using HTML. Save your page the javajam folder, and name it index.html.

# Task 3: The Menu Page. Create the Menu page shown in Figure 2.34. A technique that improves productivity is to create new pages based on existing pages so that you can benefit from your previous work. Your new Menu page will use the index.html page as a starting point.

# Open the index.html page for the JavaJam website in a text editor. Select File > Save As, and save the file with the new name of menu.html in the yourname\_chapter2 folder. Now you are ready to edit the page.

# 

# 

# FIGURE 2.34 *JavaJam menu.html*

# Web Page Title: Modify the page title. Change the text contained between the <title> and </title> tags to the following:

# JavaJam Coffee House Menu

# Wireframe Main Content Area:

# Delete the Home page content unordered list and contact information.

# Use a description list to add the menu content to the page. Use the <dt> tag to contain each menu item name. Use the <dd> tag to contain the menu item description. The menu item names and descriptions are as follows:

# 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

# Save your page and test it in a browser. Test the hyperlink from the menu.html page to index.html. Test the hyperlink from the index.html page to menu.html. If your links do not work, review your work, paying close attention to these details:

# • Verify that you have saved the pages with the correct names in the correct folder.

# • Verify your spelling of the page names in the anchor tags.

# Test again after you make changes. Validate both pages at validator.w3.org. Fix any HTML errors.