

PRE-RELEASE PROJECT

MODULE A: RESTAURANT WEB SITE

Your job is to design a Halifax seafood restaurant website. The owners of the business will provide you with a wireframe of the desktop and tablet version of the website. From the wireframe you will design the website using: HTML, CSS and JavaScript. The website should make accommodations for accessibility where appropriate including the use of alt tags for images.

SITEMAP:

- Home
- Menu
 - Lunch
 - Dinner
- About
- Contact

SITE REQUIREMENTS

1. Logo [Provided]
2. Header
 - a. Menu
 - b. Phone
 - c. Social Media Links [icons provided]
3. Footer
 - a. Address
 - b. Google Map [image of map provided]
 - c. Phone/Fax
 - d. Menu [First level]
 - e. Social Media Links [icons provided]
 - f. Copyright
4. Home Page Slider – rotating graphic of 3 images with left/right arrows to change rotating graphic

You will be provided with text and images to use in your design. You are not required to use all the provided images or text. You may use your discretion in choosing text and image placement to give a good overall feel of how the website would look once constructed. You are free to modify any of the provided images and text in any way that you feel contributes to the quality of the design, however the content of any text will not be taken into consideration in evaluating your work.

Note: the following software is provided:

- Bootstrap 4+ provided
- jQuery 3+
- Font Awesome

COMPETITOR INSTRUCTIONS:

Build your website in the XAMP htdocs folder, name your folder module-a-[province letters]

Ex: C:\xampp\htdocs\module-a-sk

JUDGING CRITERIA

Area	Weight
Project Understanding	8/50
Header	14/50
Content	10/50
Footer	6/50
Desktop Design	4/50
Mobile Design	8/50

MODULE B: RESTAURANT GUEST BOOK

In this module you are going to build on your website that you developed in Module A. Any references to the ‘public site’ in this module mean the site that you have already developed.

Web sites are often driven by user contributed content in addition to the information that site owners make available. This content can include uploaded photos, reviews and comments provided by people who visit a web site.

In this module of the project you will develop a system that allows customers to sign an online guest book at the restaurant and give the restaurant a thumbs up or thumbs down. The site will also display all guest book entries once an administrator approves them.

PUBLIC SITE REQUIREMENTS

Remember that you are building on the website that you created Module A. You must now update your web site to accommodate for the following requirements:

- Your public site must have a link in the menu to ‘Guest Book’.
- The ‘Guest Book’ page must show the latest 25 approved guest book entries ordered in chronological order with the newest on top.
- The ‘Guest Book’ page must contain an input form that allows a site visitor to input a comment, their name, their e-mail address along with a thumbs up or thumbs down. These entries must be stored in a database and the user should be provided with feedback on a successful submission.
- Your form should validate the entry by ensuring all of the fields have been completed.

Consider how this guest book should be laid out and ensure it is obvious to the user how to add a new guest book entry.

ADMINISTRATIVE SITE REQUIREMENTS

In order to allow guest book entries to be moderated, you will need to create an administrative web site that requires a valid login for administrators to access. Once logged in an administrator can see any outstanding entries, see approved entries and delete them.

You can design a basic administrative site for this purpose, but don’t spend too much time on the design – keep it clean and to the point as only administrators will be logging in here.

Your administrative site must:

- restrict access to a valid login
- show the user a login screen that requests a username and password
- validate the username and password provided
- contain a menu with the following items:
 - Pending Entries
 - Approved Entries
 - Logout
- show the administrator any pending entries (when that item is clicked in the menu) and allow them to view the entry, approve it or delete it. To ensure the administrator doesn't make a mistake, you should ask for confirmation before processing their request.
- show the administrator any approved entries (when that item is clicked in the menu) and allow them to view them and delete them. To ensure the administrator doesn't make a mistake, you should ask for confirmation before processing their request.
- Have a log out button that will log a user out of the site.

Consider how best to layout the administrative component of your site to make it easy for administrators to use. You have access to icons from Font-Awesome that can help you with this if you choose to use it. Actions should jump out as clickable options for the administrators where it makes sense.

SOME THINGS TO REMEMBER

Given you are developing this system on your own computer, keep the following in mind:

- Ensure the judges can **access your computer**. Set up an account to be used for the competition if required – do not use a password you use for other accounts.
- Ensure you have provided a **valid username/password** for your 'admin' user to the judges to access your web site
- Ensure the judges can **access your MySQL database** (in case a username/password is required)
- Ensure all of your **files are backed up** on the provided USB key and that you have provided the path to the files on your computer to the judges
- Ensure your **website works as expected** before the end of the day as we will be judging the functionality of what is running on your computer.
- Plan your time so that you have time to **test your functionality** to ensure it meets the requirements.

JUDGING CRITERIA

Below are the areas in which your project will be judged:

Area	Weight
Project Understanding	2/50
Public Input Form	10/50
Public Guest Book Listing	9/50
Administrative Access Control	7/50
Admin Site Layout	2.5/50
Admin Guest Book Listing	5/50
Admin Guest Book Management	14.5/50