# Lab 5: Creating an Interactive Webpage

In this lab, you’ll demonstrate your ability to use more advanced HTML elements to create a webpage with interactive components.

## Instructions

1. In a folder named Lab5, create the following folders and files.

* An **index.html** file, linked to your CSS file
* A **contact.html** file, linked to the same CSS file
* A **styles** folder containing your styles.css file
* An **images** folder containing any required logos or pictures
* An empty **scripts** folder

1. Create two HTML webpages with a linked CSS file that contains all elements listed in the Site Contents section below.
2. Submission instructions:
   * In Windows File Explorer, right-click the folder Lab5, and choose 7-Zip -> Add to “Lab5.zip”
   * Upload the file Lab5.zip to Brightspace.
3. Submit your lab by the due date listed in Brightspace. See the marking criteria below for details on how you will be assessed.

**Site Contents**

Create a fictious online store containing two pages:

* A home page
* A contact page

Both pages will have the same header and footer.

The header will contain:

* The name of the store
* A logo
* A navigation section containing links to the home page and to the contact page

The footer will contain:

* Your name
* Moot links to social media pages (i.e., using an href value of #)

The home page will include:

* At least two sections

**Note:** Use placeholder text for each section

The contact page will contain:

* A form with at least three elements
* A Submit button

The layout of your page should look similar to these mock-ups.

Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, application

Description automatically generated

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## Marking Criteria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **0 Marks** | **1 Mark** | **2 Marks** | **Marks** |
| **HTML Syntax** | No HTML is submitted. | Code is visible on the page. | Page renders without visible errors. | /2 |
| **HTML Syntax** | No HTML is submitted. | HTML has syntax errors. | HTML passes validation with no errors. | /2 |
| **Page Content** | Page contains none of the required content. | Page is missing specified content. | Each page contains all specified content. | /2 |
| **Accessibility** | No images are included. | One or more images are missing alt-text. | All images have descriptive alt-text. | /2 |
| **Links** | Anchors were not included. | Anchors do not work. | Anchors correctly link to each page. | /2 |
| **HTML Form** | Form elements were not included. | Incorrect form elements or attributes have been used. | Appropriate form elements and attributes have been used. | /2 |
| **CSS Syntax and Formatting** | No CSS is submitted. | CSS stylesheet is not correctly linked or multiple stylesheets were created. | A single CSS file is correctly linked to both web pages. | /2 |
| **CSS Syntax and Formatting** | No CSS is submitted. | CSS has one or more errors in validation. | CSS passes validation with no errors. | /2 |
| **CSS Syntax and Formatting** | No CSS is submitted. | CSS contains inconsistent indentation, unnecessary blank lines, incorrect selectors or significant repetition within declarations. | CSS is well formatted, with minimal repetition. Appropriate and simple selectors have been used. | /2 |
| **HTML Attributes** | No HTML is submitted. | Obsolete HTML elements are included. | Appropriate HTML elements are used in page. | /2 |
| **Total** |  |  |  | /20 |