WEB222 Assignment 3

## Assessment Weight:

6% of your final course

## Objective:

Create a website and practice writing HTML Markup, using Media Elements, writing for the Web, and using Open Archives.

## Overview:

You are asked to **create a brochure-style website for one of your favourite places in the world**. You will **pick a place that you love** and **research** this place online. You will then **create a multimedia website** that uses resources about your chosen place (e.g., images, audio, video, maps) from open web archives.

The web is full of both proprietary and open-licensed resources. The former cannot be reused by you: you can’t take an image or logo from someone else’s site and use it on your own. This is a copyright violation. However, there are also many open resources that you can copy and reuse. Learning how to find and use these correctly is important when building your own web content.

## Late submission policy

Assignments are to be submitted by the due date posted on the blackboard. All late submissions will be assessed a penalty of 25% of the total possible grade for the assignment, regardless of the number of hours late up to but not beyond 72 hours. After 72 hours, the assignment will be assessed as zero(0). Assignments should be submitted on time, on a regular basis, to enable you to stay on track within the class. THERE ARE NO EXCEPTIONS TO THE LATE MARK PENALTY.

## Requirements:

**Step 1. Choose a Place**

Think of a place that you love, somewhere you’d love to tell your friends about. It could be a city, street, park, restaurant, hotel, train station, statue, forest, monument, etc. It can be anywhere in the world and can be a big (national park) or small (a favourite room in a library) place. Be creative! The only requirements are that your chosen place exist (i.e., there is information and resources about it on the web) and that you are going to be able to speak about it passionately!

You must work on your own place (i.e., you can’t partner with other students in the course). Given the number of places in the world, two students are not allowed to choose the same place.

**Step 2. Research your Favourite Place**

Research your chosen place on the web. Find at least **3 web resources** (i.e., websites) to use in your research. Try to find reputable sources of information. Take notes as you do your research on these sites and keep track of all the sites/URLs you use. You will need to properly **cite these in your about.html** page (see below).

Learn as much as you can about this place. You may NOT copy the text word-for-word, only use it as background material. You will need to write everything in your own words.

**Step 4. Write a Research Summary**

**Write a 750-to-1,000 word summary** of your research. Your goal is to educate and persuade someone to visit your chosen place, and educate them about why it’s so wonderful. What do you love about it? Why should someone else care? What would a trip to this place look like?

**You may NOT copy/paste any text**, all words must be your own.

**Step 5. Convert to Markup**

**Convert your text to HTML5 markup**. Make use of any and all appropriate HTML elements <https://developer.mozilla.org/en-US/docs/Web/HTML/Element>. For example, if you use lists or acronyms, quotes or technical terms, dates or definitions, etc. you should make use of the associated HTML5 elements. You will be graded on the appropriate use of HTML5 elements—you can’t make everything a <p> or <div>.

In your final markup, you should try to use most of the following HTML5 semantic elements (see <https://developer.mozilla.org/en-US/docs/Web/HTML/Element>):

* <meta> tags for document, author, topic details
* <title> for the document’s title
* <main>, <article>, <header>, <footer> for the structure of your document
* <nav>, <li> for navigation links
* <h1>, <h2>, … for headings
* <address> for addresses
* <time> for dates and times
* Figures using <figure>, <figcaption>
* Lists using <ol>, <ul>, <li>
* Paragraphs <p>
* <table>, <th>, <td>, etc. for any tabular data you need to include
* Hyperlinks <a>
* Abbreviations <abbr>
* Quotes and Citations using <q>, <blockquote>, <cite>
* Inline text with <em>, <strong>

You will be marked on your knowledge and use of these elements, and how well you have used them to markup your text. You may NOT submit a series of plain text paragraphs with no other elements. Spend some time choosing and implementing your markup.

**Step 6. Add Media**

**Find supporting media resources** to help educate the reader. Media helps tell a story and is one of the secret powers that the web has over other print media.

Here’s an example web page from the Globe and Mail newspaper that uses a mix of text and media well:

<https://www.theglobeandmail.com/canada/article-the-last-lighthouse-keeper-why-a-nova-scotian-couple-refused-to-leave/>

In this web page you see all of the following HTML5 and media being used:

* Text Headings and Paragraphs
* Images with captions
* Audio
* Video, both looping/muted in the background, and also embedded
* Graphics (e.g., Interactive Map)

Your site doesn’t need to be this elaborate, but hopefully you get some ideas to help guide your use of text and media.

You can use any **open licensed media** resource that allows reuse, but **may not use copyright materials**. How do you know if something is copyright? Everything is copyright unless you are told you can reuse it; assume that you can’t unless it’s clear that you can. Open licensed materials will be marked as such.

Here are some links to help you find open licensed media:

* <https://support.google.com/websearch/answer/29508?co=GENIE.Platform%3DAndroid&hl=en>
* <https://unsplash.com/>
* <https://www.wikihow.com/Find-Creative-Commons-Videos-on-YouTube>
* <https://search.creativecommons.org/>
* <https://www.flickr.com/creativecommons/>

You are asked to include the following open licensed resources on your page:

* **At least 2 photos**
* **At least 1 video (i.e. using the <video> element) or 1 YouTube embed (i.e., using an <iframe>)**
* **1 audio resource (i.e. using the <audio> element)** in your page. If you can’t find audio directly related to your topic, get creative. Maybe you can use background sound or include a song from a band that uses the same name.
* **An embedded Google Map of your chosen place.** You can obtain the necessary <iframe> HTML markup by doing the following:
  + Go to [Google Maps](https://www.google.com/maps) (maps.google.com)
  + Enter the address in the search bar, then click the search button
  + Click on the Share icon
  + Choose "Embed map"
  + Select the size of the map from the drop down
  + Select and copy the HTML <iframe> embed code
  + Include the <iframe> embed code in your website’s HTML

Use appropriate HTML to include these resources in your site along with the text you have written. You may link to external URLs where applicable (i.e., you don’t have to download and use resources if they are publicly hosted). Make sure you do the following:

* All images should have **alt** text included and used captions to describe the image and give credit
* Videos and Audio should include **controls**
* Use appropriate sizes (width and height) and download sizes for all media. You can use a tool like <https://squoosh.app/> to reduce the size of an image that is very big to download.

**Step 7. Add A Basic Stylesheet**

This assignment is ***not*** about the page’s style (fonts, colours, etc). We will focus on style when we look at CSS later in the course.

However, **you are encouraged to use one of the various “class-less” CSS stylesheets** described here: <https://css-tricks.com/no-class-css-frameworks/> These stylesheets can be included in the <head></head> of your document, for example:

<head>

<link rel="stylesheet" href="https://unpkg.com/mvp.css">

Try experimenting with some of these stylesheets to find one that makes your page look good to you. Another useful site for testing various classless CSS stylesheets is <https://classless-css-demo.deno.dev/>

## Coding:

Use the website starter project in the assignment ZIP file. Install all dependencies by running the following command in the root of the assignment (e.g., in the same directory as package.json):

**npm install**

Your code should all be placed in the src/ directory. You will find 3 HTML files there now, which should be updated by you as follows:

1. **src/index.html** – Your main web page should go here. Be sure to create a proper HTML5 document and also include hyperlinks to the about.html and honesty.html pages.
2. **src/about.html –** Include information about yourself (the author). Be sure to create a proper HTML5 document as well as **links to index.html and honesty.html**.
3. **src/honesty.html** – Include the standard text for student submissions, as well as credits for any and all resources you used in your site (e.g., citations for images, videos, etc). Be sure to create a proper HTML5 document, as well as **links to index.html and about.html.**

NOTE: you are welcome to create other pages if you need them. Just remember to link all of your pages together.

## Running a Web Server:

You can start a local web server to test your code in a browser by running the following command:

**npm start**

This will start a server on <http://localhost:3000>, which you can open in your web browser

To stop the server, use CTRL + C

## Submission:

When you are finished, run the following command to create your submission ZIP file:

**npm run prepare-submission**

This will generate submission.zip, which you can hand in on Blackboard.

**Summary**

Gwangalli Beach is a captivating seaside destination nestled in the coastal city of Busan, South Korea. Renowned for its picturesque beauty and pristine waters, it has emerged as a popular choice among travelers in search of an unforgettable beach experience. This stunning beach seamlessly blends natural splendor with modern conveniences, making it an absolute must-visit for tourists.

Stretching along the city's coastline, Gwangalli Beach offers a generous expanse of soft sand and crystal-clear waters, creating a postcard-perfect setting for relaxation and recreation. The beach is framed by a backdrop of soaring buildings, adding a touch of urban charm to the natural beauty that surrounds it. Visitors are drawn to the beach's tranquil atmosphere and its ability to cater to a diverse range of interests.

One of the most enchanting features of Gwangalli Beach is its awe-inspiring view, particularly during the evening hours. As the sun gracefully sets, the Gwangan Bridge, affectionately known as the Diamond Bridge, comes alive with a mesmerizing display of lights. The vibrant hues of the bridge are mirrored in the tranquil waters of the beach, creating a romantic and picturesque ambiance that captivates all who behold it. This scene, often referred to as the "Diamond Bridge Symphony," has become an iconic symbol of Gwangalli Beach.

Beyond its stunning views, Gwangalli Beach offers a wide array of activities for visitors to enjoy. The gentle waves that gently caress the shore make it an ideal spot for swimming and various water activities. Adventurous visitors can rent kayaks and paddleboards, allowing them to leisurely explore the sea at their own pace. The beach is also equipped with modern amenities, including showers, changing rooms, and shaded areas, ensuring visitors' comfort and convenience.

Gwangalli Beach is not only a daytime retreat but also a vibrant hub of entertainment and excitement during the evenings. The beachfront promenade comes alive with street performers, live music, and bustling night markets, offering visitors a lively and energetic atmosphere. As darkness falls, the beach and its surroundings are beautifully illuminated, creating a magical setting for an evening stroll or a romantic dinner at one of the many restaurants and cafes lining the shoreline.

Moreover, Gwangalli Beach is renowned for hosting the annual Gwangalli Fireworks Festival, a spectacular event that should not be missed. As the festival unfolds, the night sky becomes a canvas for a breathtaking display of fireworks, illuminating the beach and its surroundings. The fireworks are masterfully choreographed to music, creating a captivating and unforgettable experience for spectators. The shimmering colors reflected on the water's surface conjure a magical atmosphere that leaves visitors awestruck. The festival attracts both locals and tourists alike, who gather along the beach, eagerly anticipating the magnificent spectacle.

During the festival, the beach and its promenade transform into a vibrant carnival-like setting. Street food vendors offer an array of delectable treats, from traditional Korean snacks to international delicacies, satisfying every palate. Live performances showcase local talent, ranging from music and dance to acrobatics and cultural shows. A variety of entertainment activities, such as beach games and sports tournaments, keep visitors of all ages entertained throughout the festival.

In summary, Gwangalli Beach in Busan, South Korea, offers a harmonious fusion of natural beauty and modern amenities. Its breathtaking vistas, pristine sands, and azure waters make it an ideal destination for those seeking relaxation, adventure, or a vibrant beach experience. The beach's stunning views, complemented by the modern urban backdrop, create a truly unique and unforgettable experience for every visitor. Furthermore, the annual Gwangalli Fireworks Festival adds an extra touch of enchantment, with its spellbinding fireworks extravaganza against the backdrop of the iconic Gwangan Bridge. A trip to Gwangalli Beach promises an unforgettable and truly magical seaside getaway.