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## PROJECT

### Coding Guidelines

- The assessment will be tested using **Chrome** web browser. Before submitting, ensure that all links and images are working by opening your index.html file in a Private Browsing window (incognito mode).
- In addition to implementing the required functionality, grading is based on appropriate usage of coding conventions demonstrated in class, clear organisation of code, clarity of naming, etc.
  - HTML should demonstrate appropriate usage of semantic tags
  - CSS should demonstrate thoughtful usage of classes, ids, and relationship selectors
  - Javascript should demonstrate best practices as noted in class
  - 3rd party HTML/CSS/Javascript tools are not permitted (ie: Bootstrap, JQuery, etc)
- Please customize the colors and images to suit your own design/aesthetics. However, your overall website must be easy to read / have a pleasing color scheme.

### Submission Checklist

For your submission to be graded, you must submit a zip file containing your code

- ☐ Place all files in a folder called **Project-Gxx**. Replace Gxx with your group number (ie: Project-G04)
- ☐ Create a zip file of the folder, and rename the zip file to **Project-Gxx.zip**, replacing *firstname* and *username* with your first name and username. For example: **Project-G04.zip**. Rar and 7zip files are NOT accepted.
- ☐ Submit your zip file to the dropbox by the specified due date.

### Academic Integrity

- This is an group assessment
- You may use the course materials
- You may use the Internet to look up HTML or CSS syntax. However, "assembling" code based on step-by-step tutorials is not permitted (Example: You search Youtube for a video of someone building a similar website, then you follow their tutorial and make modifications to suit this assignment)
- You are responsible for familiarising yourself with the college's Academic Integrity Policy.
- Actions that constitute academic dishonesty include, but are not limited to:
  - Reposting any part of the assessment to online forums or homework help websites
  - Contract plagiarism: Purchasing a solution, or completing a solution for compensation
  - Sharing or receiving source code, references, or assistance from others

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## WEBSITE DESCRIPTION

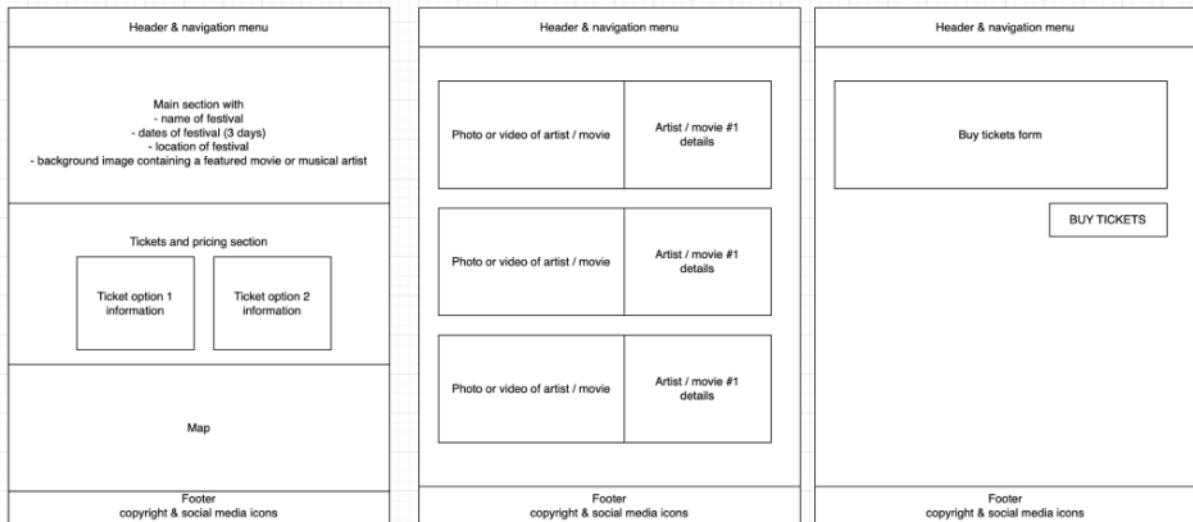
Build a website for a movie or music festival (choose one)

Examples of movie or music festival websites include:

- Toronto International Film Festival: <https://www.tiff.net/>
- Monterey Jazz Festival: <https://montereyjazzfestival.org/tickets/>
- Anime Festival: <https://animetoronto.ca/>

Your website must consist of 3 pages:

- Home Page;
- Artist/Movie Details Page
- Purchase Ticket Page



### Header and Footer

Every page must have the same **header menu** and a **footer** section.

#### Header:

- Include a minimum of 4 navigation links (example: HOME, SCHEDULE, BUY TICKETS, CONTACT). You may choose which navigation links to include.
- The links do not need to work (example: use <a href="#">).

#### Footer:

- The footer must contain a copyright and social media links.
- You may choose which social media icons to show. Social media icons do NOT need to be linked to an actual location.

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## Home Page

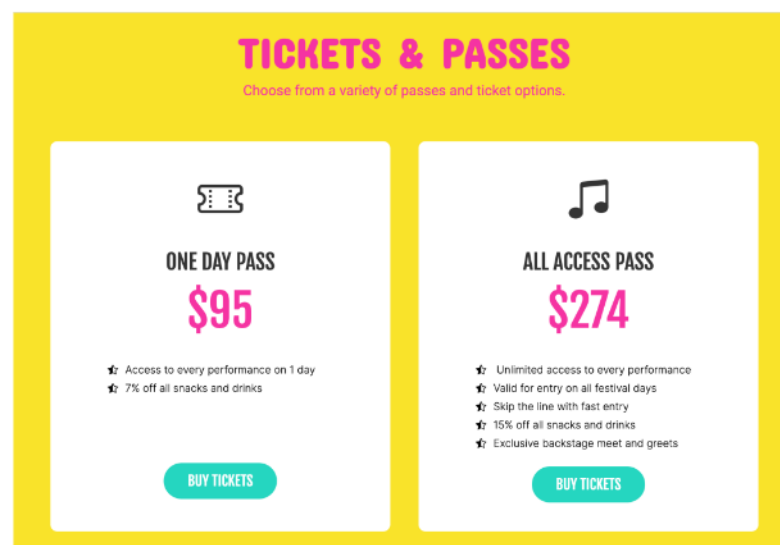
This is the homepage for the website. In addition to the page header and footer, the page has these sections:

### <main> section:

- Display the name and description of the festival, the date of the festival, and location  
Example:  
Vancity Anime Festival  
October 21-24, 2023  
Vancouver, Canada 🇨🇦
- The section must have a **background image** that displays a featured movie at the festival or musical act performing at the festival

### Tickets and Pricing Section

- Festivals often have tickets / passes at different price points. In this section, display two (2) different ticket pricing options. Example:



- For each pricing option, display:
  - The name of the ticket pricing option
  - Price
  - Ticket Details (what's included at this price?),
  - BUY TICKETS link/button.
- Clicking BUY TICKETS should navigate the user to the **Purchase Ticket** page.

### Map section:

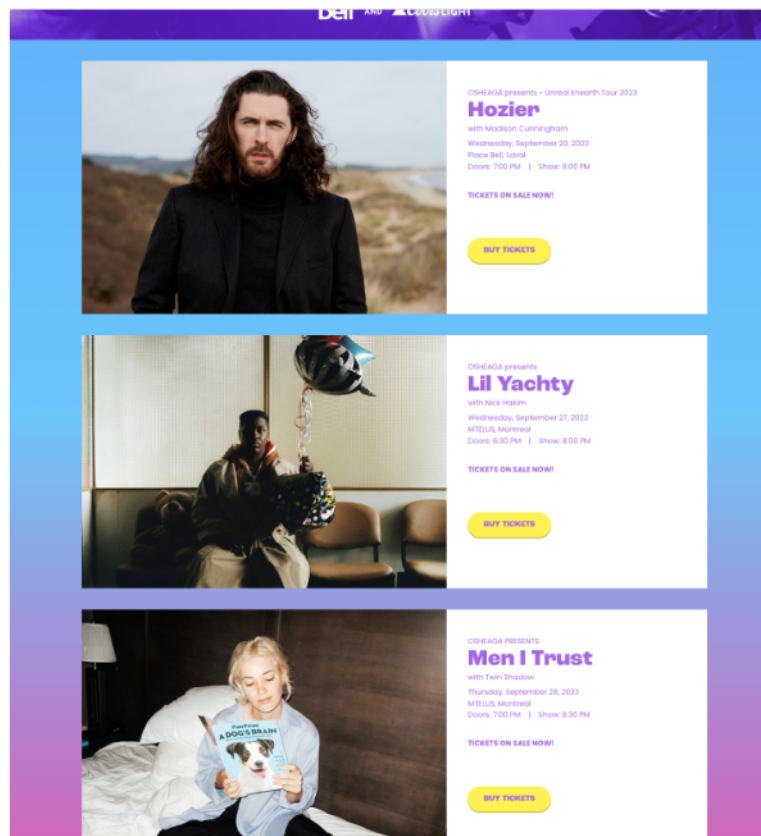
- Show a map containing the location of the festival.
- Location must be marked with a map marker.
- Use Leaflet.js to show the map. See this link:  
<https://www.geeksforgeeks.org/using-leaflet-js-to-show-maps-in-a-webpage/>

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## Artist/Movie Details Page

This page provides a listing of the artists or movies playing at the festival.

Example: <https://osheaga.com/en/presents>



The information for this page must be defined as an array of Javascript object literals. Specifically:

1. Using Javascript, create an array of object literals, If you are creating a music festival website, your array should contain objects that represent musical performers. If you are creating a movie festival website, your array should contain objects that represent movies playing at the festival.
2. Using Javascript, loop through the array of object literals. For each object, populate the webpage HTML with the relevant details about the performer or movie.

If a movie festival - for each movie, show:

- Show a photo or Youtube trailer of the movie
- The name of the movie
- The times during the festival when the movie is playing
- The genre (action, romance, adventure, etc)
- The name of the movie director (example: Peter Smith)

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If a music festival - for each musical performer, show:

- A photo of the artist, or a Youtube video of the artist's song/ music video
- The name of the artist
- The times during the festival when they will be performing
- Their music genre (pop, rock, rap, classical music, etc)
- The name of their most popular song

### Purchase Ticket Page

This page had a **form** to enter purchase information; and an **order summary** section.

- This section must be styled to match the other pages of the website.

### Purchase Form

Provide a form with form fields to enable user to:

1. **Select the ticket type.** The name of the ticket types should match the Tickets section of the home page. By default, your form should select the cheapest ticket option.
2. **Enter quantity of tickets.** The user must select minimum 1 ticket.
3. **Enter credit card information.** The user must enter a credit card number that is exactly 6 digits long.
4. **Pay now button:** When the button is pressed, check that user has entered required information. If yes, then display an order summary. If no, then display an meaningful error message (example: You must select a minimum of 1 ticket!)

### Order Summary Section

- Assuming the user enters valid form information, display an order summary showing the details of their purchase. For example:

Number of tickets: 2  
Price per ticket: \$250.00  
Subtotal: \$500.00  
Tax (13%): \$65.00  
Final Price: \$565.00

- Display all prices to 2 decimal points.

**END OF ASSESSMENT**