

CS2204 Fundamentals of Internet Application Development
Course Work No. 1 (CW1)
Semester B 2024-2025

10% Marks

Due Date: 7 Mar 2025, Friday, 23:59 PM [Week 7]

Learning Outcomes:

- Design structures of a set of web pages for a more realistic, commercial-like website
- Achieve user requirements by using appropriate HTML5 markups
- Produce web pages that can pass through validation
- Apply basic CSS styles

Overview

You are required to build a simple Web site for Hong Kong Disneyland by going through the 3S's: structure, style, and script. This CW1 is the first step focusing on structure and basic styles. The Web site therefore would not be fully functional until the second parts (CW2) using advanced CSS and JavaScript are completed.

Guideline for late submissions:

- Late within **6 hours** - **10% marks deduction**
- Late within **6 ~ 24 hours** - **50% marks deduction**
- After **24 hours** - **no** submission will be accepted

We do **NOT** grant any extension, unless you have a solid justification (e.g., medical issues) with supporting documents.

Submission

- Submit a zip file of your website to Canvas with appropriate folders set up so that it could be test directly by unzip - be careful with your URLs; they should work when your submission is test as local files in other computers or as Web pages served by a Web server
- Image sources needed in this assignment are on Canvas: files > Assignments > CW1
- Please DO NOT include videos in your submission. Instead they should be directly linked to: <https://personal.cs.cityu.edu.hk/~cs2204/video/> (Note that this link can only be accessed within CityU network. If you are outside campus, you should use VPN). **Videos for the promotion information block:** Castle.mp4, Castle.ogg
- DO NOT use YouTube video; should use any one given video link in the server folder.

Assessment criteria

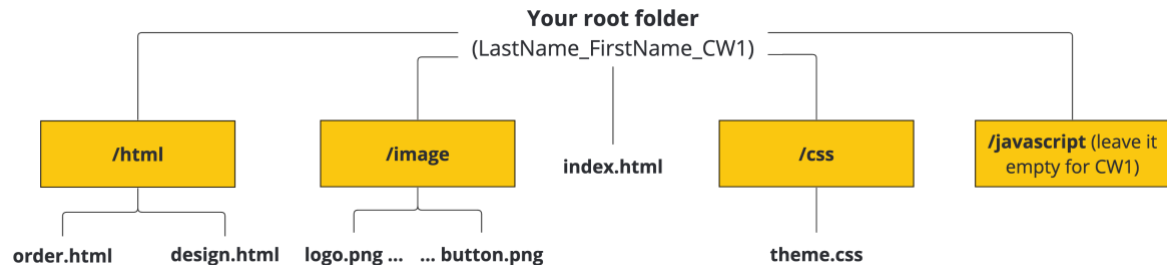
These assessment criteria will also be found under the Canvas submission page "Rubric"

Criteria	Description	Marks
Structure	Website structure follows the requirement	2
Use of HTML tags	Use appropriate HTML structural tags	4
CSS basic styles	Follow the instructions to apply different CSS selectors	3
Good Web dev practice	Accessibility, code readability, and markup validation	1

1. Requirements of Structure

The website structure is defined below:

- “index.html” – the homepage
- “html” folder including two pages: “order.html” and “design.html”
- “image” folder that is used to store all the images needed for the website
- “css” folder including all the stylesheets: “theme.css” (will add more in CW2)
- “javascript” folder including all the scripts (leave it empty for CW1)



In building this website, all contents unless specified could be made up by you. If you use information and ideas of other people from the Internet, you **MUST** acknowledge and cite the source in “design.html”

This assignment covers what we learned from Lec 01 to Lec 04 as well as Lab 01 to Lab 03. You are required to apply **HTML** and **basic CSS styles**, and anything related to CSS layout, CSS animation, or JavaScript are NOT required in CW1.

2. Common information

There is information that would appear in all three pages (i.e., “index.html”, “order.html” and “design.html”). Either iframes or HTML code duplication can be used. The following description is for the <body> section of the html file.

2.1 A header/banner block consists of a logo (could be designed by you or use the provided image) and heading of the Web site; these are separated, should not be done in one single image



DisneyLand

2.2. A footer with information about the copyright and a link pointing to the Design page “@CityU 2024 – sources of images and text from official website of Hong Kong Disneyland, Wikipedia and Courtesy of Icon pack by Icons8 – designed by [Your name] name including a link the Design page”

3. Home page (“index.html”)

This page contains information grouped into 5 blocks, 2 of them are the common header and footer blocks as introduced above. The remaining 3 blocks are follows.

3.1 the common information specified in Section 2.

3.2 the basic information block contains 5 types of information as shown in the screen shot: address, telephone, business hours, brief introduction, and location (an image, not an embedded Google Map); use the **most structured** elements to present such information. At the end, there is an **image link** pointing to the Order page ("order.html").

Address
Hong Kong Disneyland Resort,
Penny's Bay, Lantau Island,
Hong Kong

Tel
+852 1-830-830

Business Hours
10:30 AM to 8:30 PM

Brief Introduction
Enter a magical kingdom inspired by fairy-tale dreams and explore 7 lands - Adventureland, Grizzly Gulch, Mystic Point, Toy Story Land, Fantasyland, Tomorrowland and Main Street, USA - filled with beauty, excitement and Disney Characters.

Location



BOOK TICKETS

3.2 the promotion information block contains a text passage for promotion of Disney Premier Access, followed by a video which plays automatically (note: check out the autoplay policy for browsers) and continuously

DISNEY PREMIER ACCESS & 1-DAY TICKET COMBO, STARTING FROM HK \$798



3.3 the booking block is a form as shown (the form can be submitted to any dummy internal location in CW1, e.g., “#”). The exact number of time slots is not required. You can design 5 ~ 6 reasonable time slots.


Booking information:

Date:

Time:

No.of Visitors:

Below is a screenshot of what the “index.html” looks like in general. Note that this page is not styled with CSS, but you are required to add some CSS styles to improve its readability (see **Section 6** for details).



DisneyLand

Welcome


Address
Hong Kong Disneyland Resort,
Penny's Bay, Lantau Island,
Hong Kong

Tel
+852 1-830-830

Business Hours
10:30 AM to 8:30 PM


Brief Introduction
Enter a magical kingdom inspired by fairy-tale dreams and explore 7 lands - Adventureland, Grizzly Gulch, Mystic Point, Toy Story Land, Fantasyland, Tomorrowland and Main Street, USA - filled with beauty, excitement and Disney Characters.

Location



[BOOK TICKETS](#)

DISNEY PREMIER ACCESS & 1-DAY TICKET COMBO, STARTING FROM HK \$798



Booking information:

Date:

Time: 8:00-10:00am

No.of Visitors:

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4. Order Page ("order.html")

Located in "html" folder and contains the following information:

4.1 the common information specified in Section 2.

4.2 The menu block for showing the tickets and additional offers provided by Disneyland for ordering; it has a heading "Menu" followed by 3 smaller headings with names (one example is Tickets, Dining and Hotel, you may choose your own offers)

Design 9 forms where each form is for one menu item. Each menu item consists of a photo, a text label, a box to fill in the quantity and a button labelled "Add"

- Group these forms into three groups using <div> and each group is for one offer tab, e.g., Tickets, Dining and Hotel.
- The first offer contains 3 menu items, while the second and the last ones contain 2 and 4 menu items [hint: for these items, you must build up the structures as described above, i.e., the overall block, offer tabs and menu items are all structural units]

Menu

Tickets

Dinings

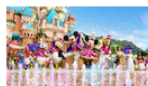
Hotels



1-Day Ticket



1-Day Ticket (Child)



2-Day Ticket



Explorer's Semi Buffet



3-in-1 Park Meal Voucher



Standard Room



Deluxe Room



Sea View Room



Kingdom Club Room

4.3 Ordered Item block with a heading and date time information (the date and time when you solve this problem)

- The table contains the table caption, table header, table body and table footer. Table body is empty in CW1

- At the bottom of this block, there is a link labelled “undo”; it could be set as a dummy link, which will be useful in CW2

Ordered Items

7 Jul 2022 22:22

Table:4-No.of
Guests 3

Description Qty

Total 0

[undo](#)

Below is a screenshot of what the “order.html” looks like in general. Note that this page is not styled with CSS, but you are required to add some CSS styles to improve its readability (see **Section 6** for details).



DisneyLand

Welcome

Menu

Tickets

Dinings

Hotels


1-Day Ticket


1-Day Ticket (Child)


2-Day Ticket


Explorer's Semi Buffet


3-in-1 Park Meal Voucher


Standard Room


Deluxe Room


Sea View Room


Kingdom Club Room

Ordered Items

7 Jul 2022 22:22

Table:4-No.of
Guests 3

Description	Qty
Total	0

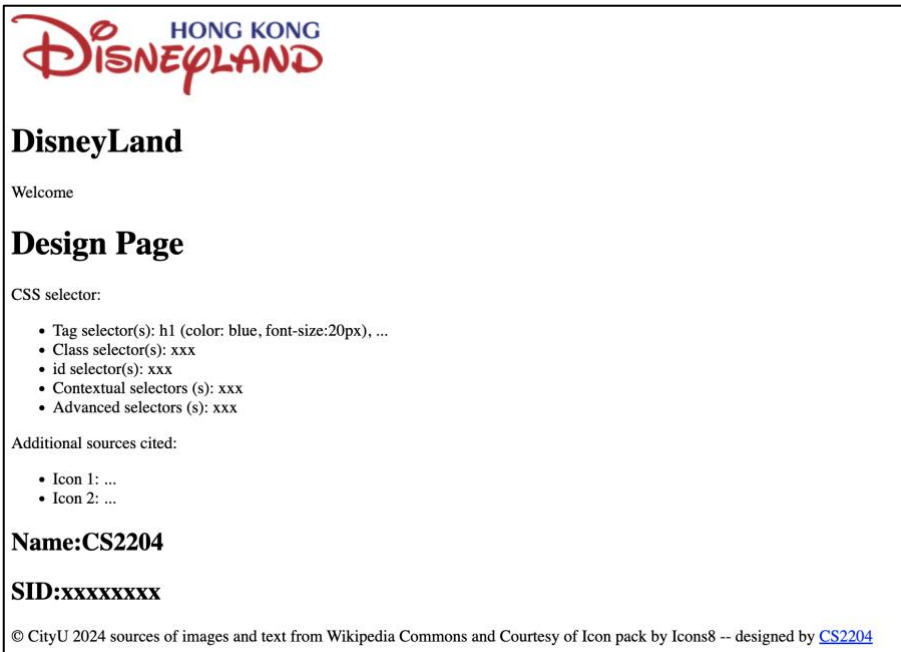
undo

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5. Design page ("design.html")

This is an additional free format Web page for you to describe your styling strategies and acknowledge the sources of information used in building this website.

If you use images, icon or text obtained from the Internet, write the source and links in this page. If you do not have anything to acknowledge, just put down your name and student ID. An example of the design page is shown below.



6. Website styling and accessibility ("design.html")

Under "css" folder, create a stylesheet "theme.css" and link it to **all** the three webpages (i.e., "index.html", "order.html" and "design.html")

6.1 You are free to explore available styles and apply to HTML elements regarding font, background, border, etc. But your styling must meet the following requirement:

- **Consistency.** The headings, paragraph, and links, etc, should be consistent across the three webpages so that they look like from the same website author. Of course, you can highlight specific parts in the websites with distinct a style if needed, as long as it does not disrupt the overall consistency.
- **Explore different CSS selectors.** In applying styles, your CSS selectors should include
 - **At least** one element (tag) selector, one class selector (for multiple elements), and one id selector
 - **At least** one contextual selector (e.g., descendent selector, child selector) OR one advanced selector (e.g., pseudo class, pseudo element)

The use of CSS selectors must be specified in the design page for easier grading.

6.2 **Accessibility.** For each image, you should include alt-text attribute; and for each video, you should provide all the available source format (no need to add a cover image)

~ End ~