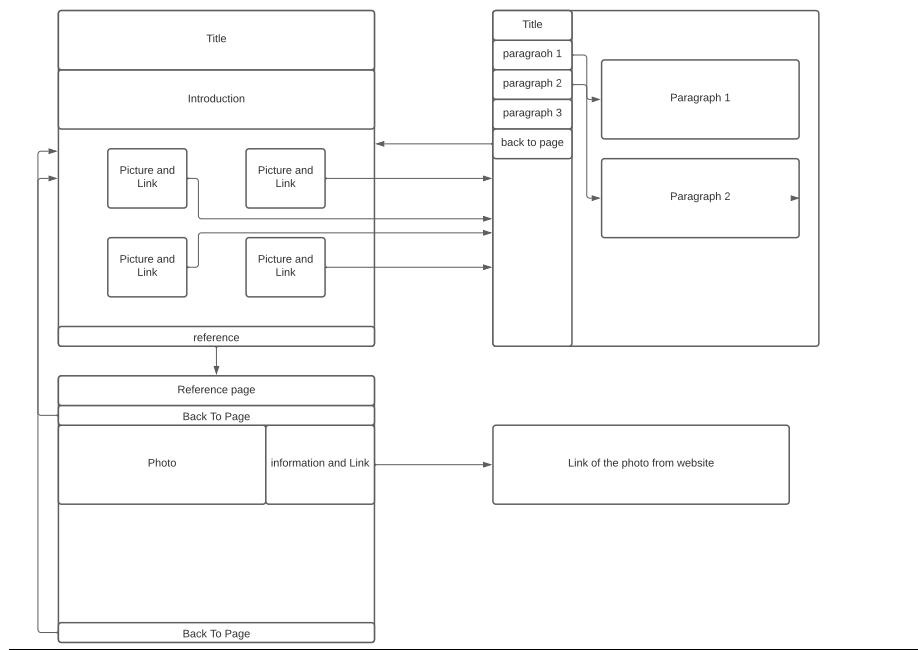# COMP1021 Introduction to Web Technologies

Coursework 1

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Wireframe

Details of the colour scheme and fonts

1.Fonts

The fonts-family used is from (https://www.awwwards.com/20-best-web-fonts-from-google-web-fonts-and-font-face.html) for reference.

```
font-family: "apercu",sans-serif;
font-family: "Trocchi",serif;
```

For the table in navigation bar, I choose the font-family in suggestion list

For the content in each page, I choose the font-family from (https://www.shutterstock.com/blog/best-fonts-for-websites?kw=&c3apidt=7170000014798292&gclsrc=aw.ds&gclid=CjwKCAiAyPy

[QBhB6EiwAFUuakrq7WIVdSCOog2N9XLjckPBa2HtNtEtAAi6-khofJb54Agk2RluFfxoCDaYQAvD_BwE](#))

```
    font-family: "Roboto","system-ui","San Francisco","Segoe
UI","Oxygen","Ubuntu",Arial,sans-serif;
```

and the font- family for heading:

```
    font-family: "Roboto","system-ui","San Francisco","Segoe
UI","Oxygen","Ubuntu",Arial,sans-serif;
```

2. Colour scheme

For the colour scheme in main page, I choose Alice blue for in Introduction.
The background colour is white as I use a lot of photos to make the page colourful.
the footage I used dark blue colour. the inspiration is from the photo in Taiwan. Also,
the footage colour used to be dark colour, and black is not suitable to the page.

Inside the page, there are different colour theme.

For "japan page", I make the reference from
([https://www.gap360.com/japan?gclid=CjwKCAiAyPyQBhB6EiwAFUuaknrqQvFj86w6SxerAPD-6_djbtrkh5fhMmkdzEavfRA0aKLUgF3QAhoC4C8QAvD_BwE&utm_adposition=&utm_campaign=10565730143&utm_content=103605739199&utm_extensionid=&utm_kwid=aud-308882764254:kwd-1414245960434&utm_medium=cpc&utm_source=google&utm_term=travelling%20in%20japan](#)) and chose green and black background colour.

For "Singapore" page, I make the reference from ([http://appyfizz.com/](#)) using red and
black for main colour.

For "korea" page, I design the colour myself using un-used colour, and I choose light-
blue and orange for the final colour theme. And make the colour changes when
touching the navigation bar.

For "Taiwan" page, I make the reference from ([https://codemyui.com/sticky-sidebar-navigation-on-scroll/](#)) using
```
    background-color: #455A64;
    color: white;
```
as background colour.

Choice of layout

For the layout in main page, I get inspiration at the middle layout at the website
([https://www.discoverhongkong.com/tc/explore/attractions.html/](#)) for reference.

When the screen size is target to a specific range, the photo will fit 80% of the page. Otherwise, it will fit only 40% and flow left. So that it becomes tidier.

For the page inside, I took the idea from the website (https://www.introtravel.com/tours/japan/?gclid=CjwKCAiApfeQBhAUEiwA7K_UH8_Gu2oS 1GV1XhNvjlCPGBQFEzGjBGYetywxtGYZcKI5FtcRc39VxRoC2uwQAvD_BwE) The Logo header put at the 25% on the top left. Put the navigation bar to the left and width 25%, and the main content at the remain 75%. The navigation Bar is used to get into the specific paragraph quicker. A border will show when user touches the navigation link. The paragraphs and photos go in 60px padding right and left.

For the reference page inside "index", I use the column percentage inside css file. at the top and bottom, I add a 'Back to main page' Button. The left side is the photo, and information at the right side. The link is also provided and will open in next html page. This design layout is tidy, and clear for me.

Evaluation of the implementation

The implementation design for the main page is in the initial design, but the colour can be adjusted, the design can be better.

For the page in "About Japan", I made the design as my initial design. The other page designed as the best fit.

However, the original design is to keep the top logo bar in the fixed position, even when scrolling down the page, the bar is still fixing at that position. This required JavaScript to improve this step. It is possible to use hard code in css but it is not a good practice.

For the navigation bar on the left, it is used for auto scrolling to a specific paragraph by defining "id" and using the following code:

```css
html {
    scroll-behavior: smooth;
}
```
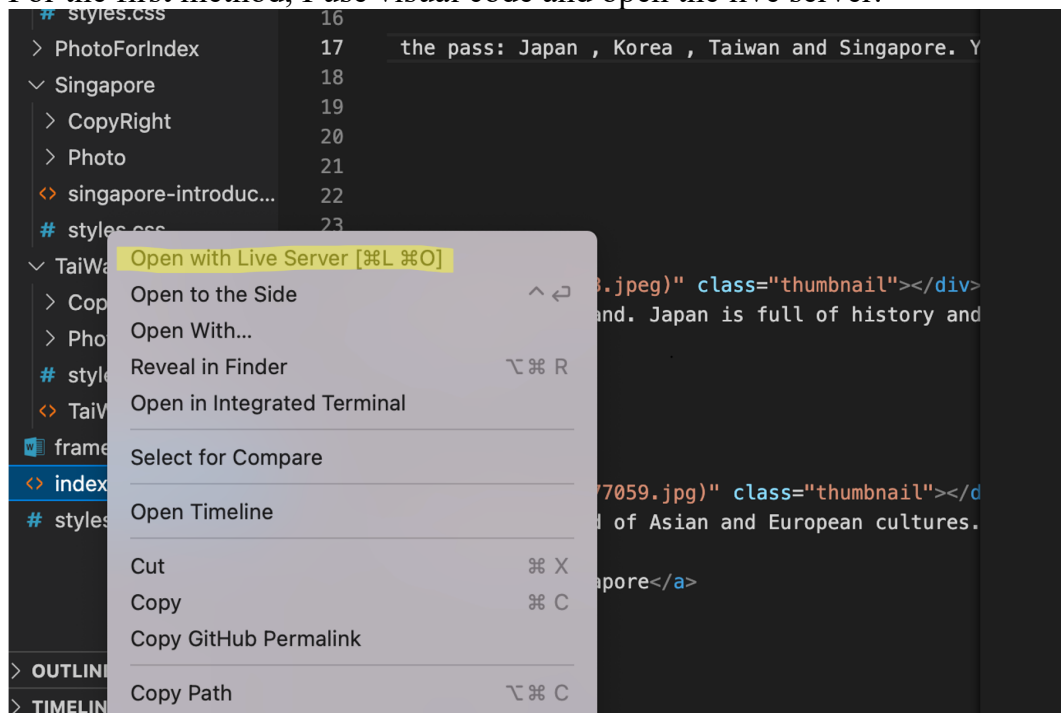
However, it will only work on google chrome, not in Safari. This can be improved by using JavaScript.

Besides that, this html page can me improved by choosing better font-style and colour theme. Designing can be better.

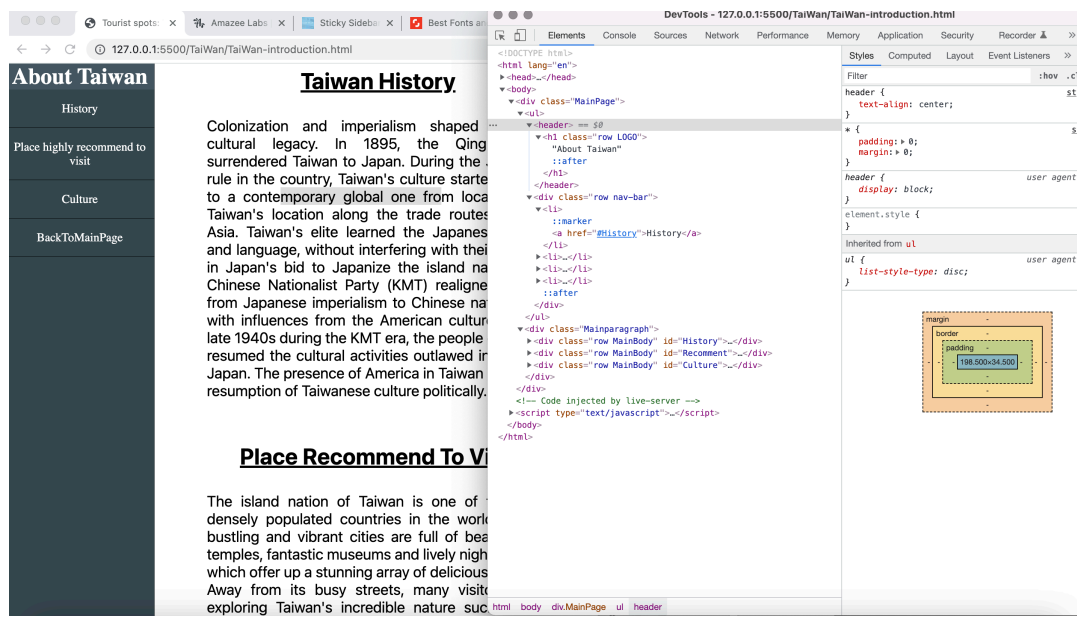# Outline of testing website

I have two methods to test website.

For the first method, I use visual code and open the live server.

When things change and saved, the website will automatically change. It is very convenient for me to see the different at the website.

The second method is to use the 'inspect' in google.

This helps a lot on instant changes such as padding, margin, colour, display, text-decoration. However, after fixing the bug, I need to rewrite the code into file as inspect changes will not be saved.

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