

Assignment 3 Rationale

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This rationale explains how the website would be built with semantic HTML5 and CSS. The page uses media queries because the page would respond to different size devices such as mobiles, tablets and laptop. All pages have further been checked for major code errors through W3C Validator. 4 pages use various HTML and CSS codes, most codes are from <https://www.w3schools.com/>. To complete the project, I have collected information from various sources on YouTube, tutorials and some tools.

The page would be based on the Norfolk. I thought that the best way to provide information is to use various visualization data such as image, video and animations. However, HTML and CSS have a certain limitation on providing video and animation. I could use image slides instead of these. The page will be containing 7 to 10 images. The main page would use 3 images that would link to the other page. I thought the linked images will interest the reader more than just linked words. All the pages and its background would be kept as simple as possible to make the viewers focus on the contents. The websites such as Google, Naver (which is the most famous page in Korea) and YouTube inspired me to create this simple theme with the use of colour and white background that emphasize the contents. The project will contain 4 pages, with the main page, the introduction of Norfolk, History and Location. Each page would have images about the Norfolk. The main page has 4 layouts that divide different sections; title, simple caption about "Click tab menus and the images", "No audio in this page", image and footer. I have included the section for "click tab menus and the images" so that the viewers know how to access to the other pages and "Not audio in this page" to improve the accessibility audits. I intended to interest the viewers about Norfolk with the linked images. 3 images are merged into one and the user can select the image using 3 circle icons. To create the circle icons and image slide, the page was structured with "radio" and "conbox". All the other 3 pages have a footer that is similar style. The footer on the main page has a different style to include the source of a homepage writer which is my student number and name. --

In the page of introduction of Norfolk, the page would be divided by 5 constitutions; header, image slide, section, article and footer. The reason why the page uses image slide with three circles is because they are for other images which people could get more information about Norfolk. The page would use two type tags which are section and article which have contents for introducing about the Norfolk and also, they would be divided as length style because the other page list would be structured horizontally. The page also has a footer which would use the tag of "href" for accessing the top of the page and main page easily.

In the page of History, there are a lot of contents so I will plan the contents which have to be divided by 'box tag'. In other words, the page would basically have one image and one paragraph would introduce simply and also the paragraph would be in the border. The other paragraph would be in

three boxes because it is inconvenient to see a lot of things listed.

In the last page, it will be structured in 10 layouts; a dropdown menu, an image, the title, 6 paragraphs and a footer. 6 paragraphs are linked with the dropdown menu, to provide convenience in accessing information to the users. Each paragraph will be structured very simply with similar designs. Furthermore, the page would provide menu bars because people could access each paragraph as linked to each content. Also, the menu bars would be designed in bright colours because the menu bars should be prominently organised to show that the page has a function that is easily accessible. Each page that is linked to the different CSS codes might confuse and frustrate the viewers because all CSS's would be in one file so I will use "comment".

Title	
Image	
Section	Article
Footer	

<frame of Introduction of Norfolk>

Title		
Image		
Section		
Box 1	Box 2	Box 3
Footer		

<frame of History>

When I make the project, I have many problems such as colours and style in HTML and CSS, it means I have to take a lot of time trying so I decided that I will spend more time and effort on constitution and frame. After I finished the contents and the frame of my website, I have tried to make it compatible with various devices so I referenced the tutorial and YouTube "<meta name='viewport' content='width=device-width, initial-scale=1.0'>".

Accessibility audit

There are 4 pages to present my project results. The project provides a text-alternative for non-text contents, such as images, and also the pages are very logically structured with meaningful sequences. This is achieved as paragraphs, images and menus, which all have different colours and sizes, were made with one goal, easy-of-access. In the first page, the page mentions "not provide audio control". In addition, there are many problems with the keyboard, such as keyboard traps and options that can

only be accessed by a keyboard input. The project does not use any contents that flashes more than three times per second, but the project uses a slideshow alternative flash function. In all the HTML, the page starts with the language of the page such as English. Secondly, 'introduction of Norfolk' have images slide for one of functions of accessibility audit because as used the function, viewers would get many information easier than just enumerate images. The third page has many paragraphs, in other words, if the page just provides only paragraphs, viewers could feel difficult to read all paragraphs so the page would use 'three box tag' for legibly. The last page has menu for accessible each paragraph with used tags 'href' and 'menu bar'.

Challenge

I tried to use accordion tag in page of History but there was just one problem which was the accordion tag do not show all the contents because there are too many words that the words do not fit into the frame. For the solution the problem, I used tag of three box.

Resources

Google font (used change fonts)

HTML Cheat Sheet (used various tags)

Font Awesome (trying to make hamburger menu)

W3schools (used slideshow)

HTML Colour Picker (used change colours)

LS Product (linked the other page through image `<article class=""> `)

Samsung Home page (`<button type="button" class=""> `)

Reference

<https://www.youtube.com/watch?v=fA1NW-T1QXc&t=601s> (HTML media query)

<https://www.youtube.com/watch?v=ePax2OdiT1g> (accordion menu)

<https://www.youtube.com/watch?v=kmVrFwkI9Fw&t=234s> (image size)

LS Productions. (2019). *UK-wide Service Production Company*. [online] Available at: <https://lsproductions.com/> [Accessed 13 May 2019].

Samsung au. (2019). *Samsung Australia*. [online] Available at: https://www.samsung.com/au/?cid=AU_2018__02_TXT_NA_NA_NA_samsung_NA_NA_NA_7789085785_NA&ef_id=CjwKCAjwiN_mBRBBEiwA9N-e_o9PH7kVI9aPEMCvAUxMET9VGJ-4SQj6CXH4qCJmfKK0j8BvQp499BoCZlcQAvD_BwE:G:s&gclid=CjwKCAjwiN_mBRBBEiwA9N-e_o9PH7kVI9aPEMCvAUxMET9VGJ-4SQj6CXH4qCJmfKK0j8BvQp499BoCZlcQAvD_BwE&gclsrc=aw.ds [Accessed 13 May 2019].