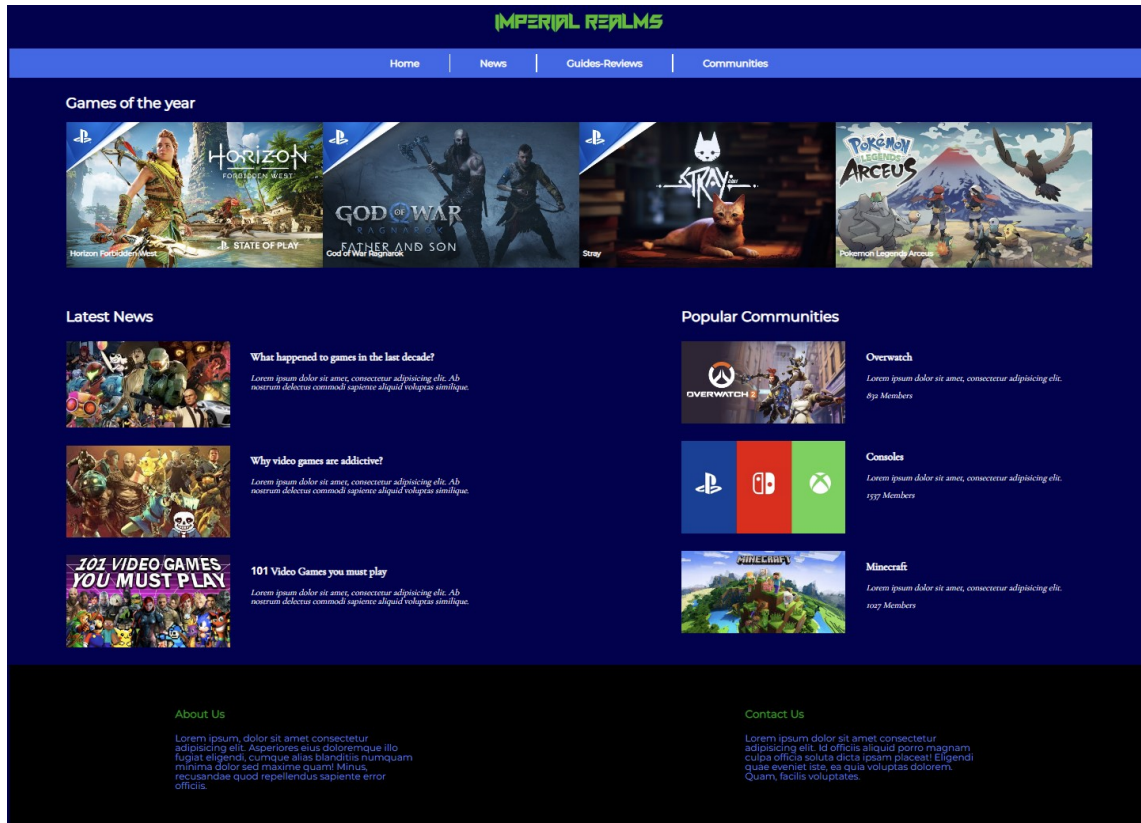# Task 3

Technical document

The creation of the home page was the most challenging and took me the most time to understand how I was going to go about it.


I started off with the "imperial realm" logo/name of the website, by using a <h1> for it. (line 15 – index.html document). Next was the nav bar inside the header where each section was a hyperlink was made and linked to a URL related to whatever the user might have clicked on, e.g. communities, news and so on (line 16-34 – index.html)

I then created a section in the <main> element, which contains the main content of the body of the website. An <h2> was given to the title of this particular <section>, where various <div> were inserted so I could add the <img>, where one has to add the source file of the image and its name. I added a paragraph with the title intended so it would appear on the picture at the bottom left. These <div> were then contained in a <a href>, which is used to link a particular segment of the body to a new page, linked to the article.html page acting as a sample of what a post/article should look like.
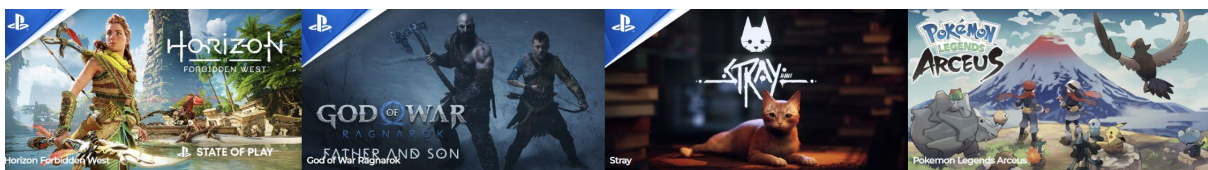
For the second section of the page, another <section> element, with an <h2> element for the heading were used. The same <a href> code was used akin line 39-45 (index.html). A <h3> and <p> with some "Lorem ipsum" text was added with a div with a class called "box" (line 69-81 – index.html). The same code was used for the second column on the left of the home page, however two paragraph elements were used for each <div>.
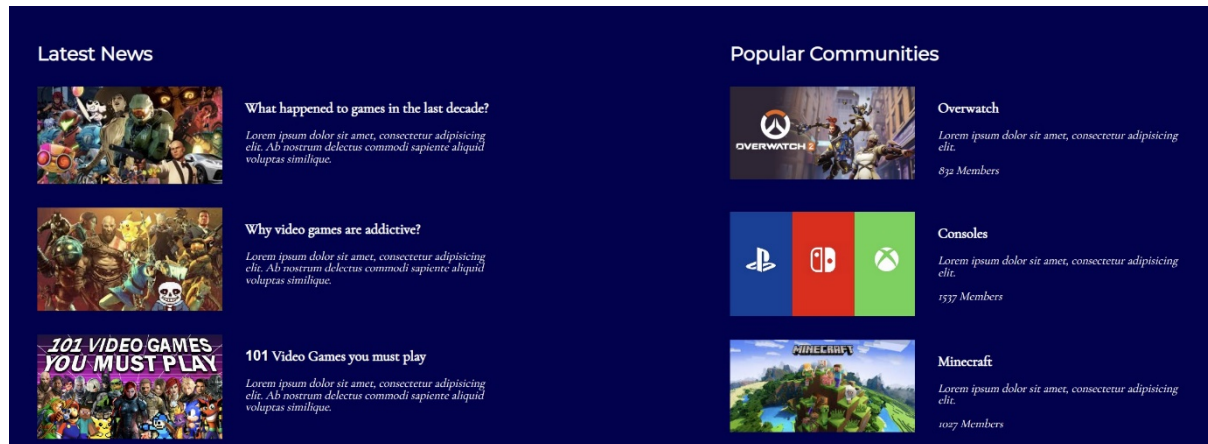
For the footer, I added the <footer> element, which can usually be found at the bottom of a body, page or document. A <div> with a class called "left" was embedded with a <h4> header and a paragraph with some dummy text. The same code was used for the "contact us" however this time the class was called "right" and a hyperlink was added where a contact form page would open (line 150-169 – index.html)
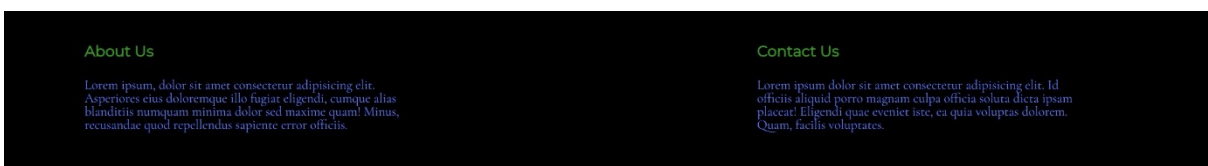

For the .css I primarily made two files that are being continuously used throughout all html pages. For the style.css file I firstly imported the Monserrat and Garamond fonts from Google fonts. I also imported the "FunGames" font from the file on my laptop since I downloaded this font beforehand. I then added the styles to the classes and sections of my project accordingly to look like my mock-up website test produced for task 1.

I added background colours, colour to the header of the website's name. Chose font sizes, weight, styles and family; widths and margins, paddings positions, displays, alignments and so on. Those options were modified on the various classes and sections such as the body, header, paragraph, etc.

Mock-up Website Test

In order for me to quickly identify the discrepancies that were occurring or may occur throughout the pages, the reset.css stylesheet was created separately. Styles related to the body, section, table, and such were added. I mainly followed the guide provided by "meyerweb" online.
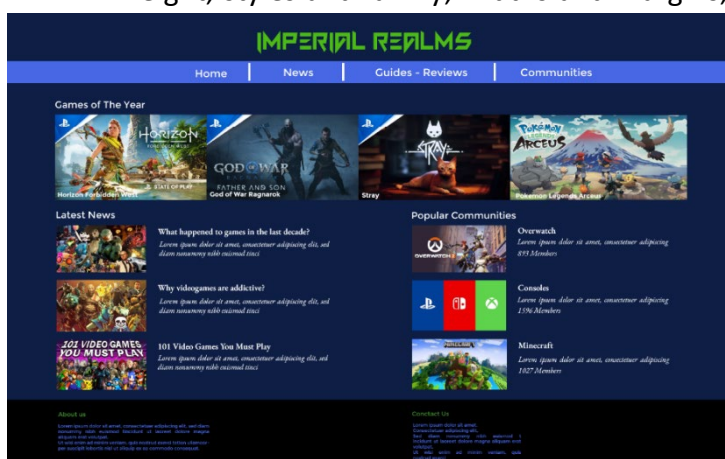
The news.html file's code is mainly focused on a one column body main structure.
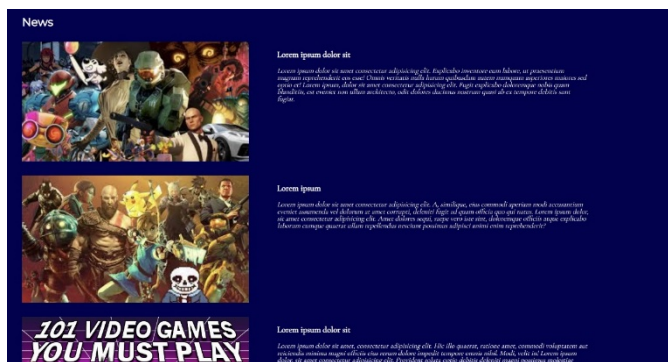

Six "div" elements with a class were created under a hyperlink, two "div" elements each, that would refer the user to an article page. These hyperlinks would each contain a <h3> for the title of the article/post and a paragraph with some dummy text showcased as a preview (line 36-93 – news.html).

The header of the navigation bar and the footer were copy pasted from the index.html file.
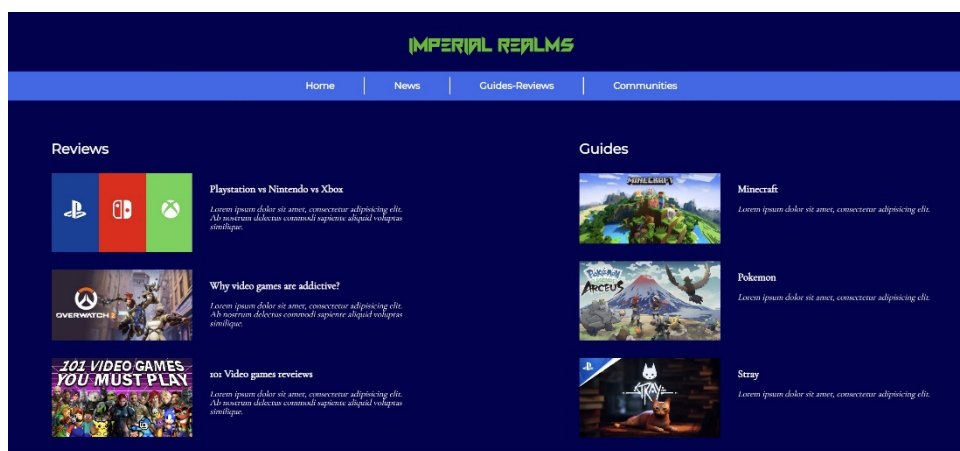
For the guides and reviews page a two column layout was used similarly to the home page. For each column, articles can be viewed with their title and a small preview description about them.
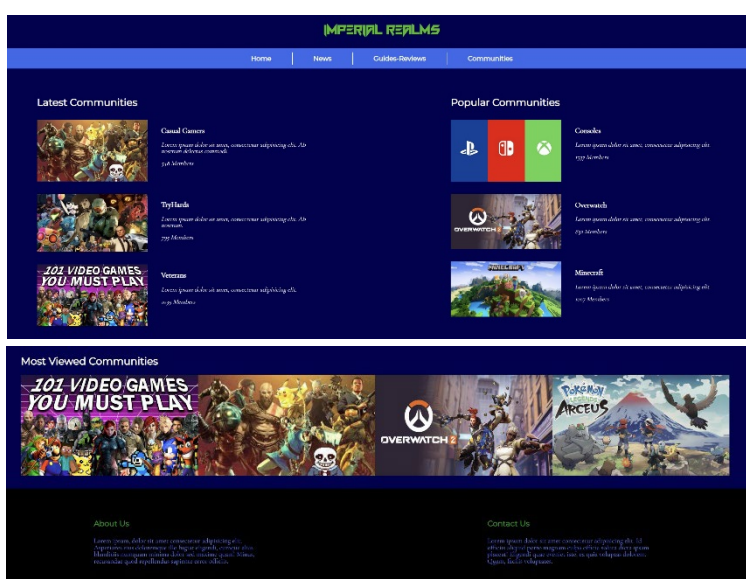

Furthermore for the communities page, the same principle of coding was used as in the home page and guides-reviews page, with a banner like arrangement of viewable communities underneath <div> within a <section> (line 112-128 – communities.html).
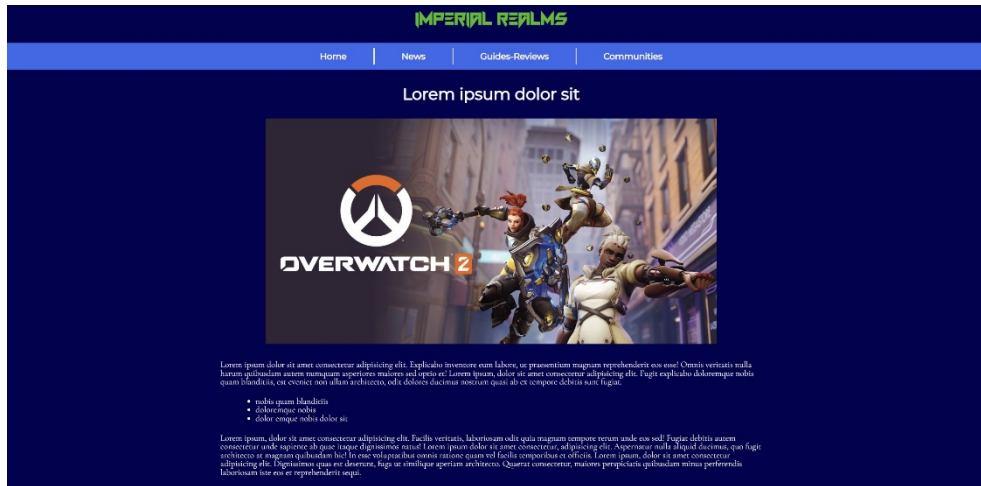
The article page uses simple basic html codes such as an <h1> for the title of the post, and <img> related to the topic discussed, a <p> containing the information and a <li> that represents the text in a list inside a <ul> element which stands for "unordered list" because the order of the material does not matter and will show the list in bullet form (line 38-54 – article.html).

To add the icon on the tab of the browser, I saved a picture that was going to be used in my "image" folder, added a <link> element and chose the favicon option that was displayed in the suggestions by Visual Studio Code, lastly I imputed the source and name of such image file.
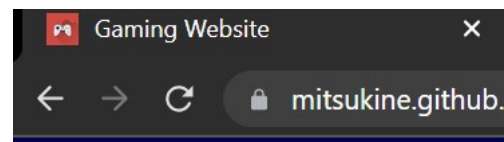
For the contact form page, which can be accessed by clicking on the "contact us" link in the footer of the website, was made by using the <form> element with the "Mailto" attribute so people can type their data and when they submit it will open up their email with such data. A <h1> and <p> element were then added with a <label> and <input> element following right after. Lastly a <div> with a class for buttons were put in with a <button> element and <a> hyperlink that will direct the user back to the home page if they decide to click on cancel (lines 13-31 – contactus.html).

For the stylesheet of this page, for the characteristics of the form the "display" was set to flex so the elements would align autonomously, such as columns and rows with automatic width and height, with the "flex-direction" put on column. Another attribute added that I believe was not mentioned in class was the "cursor" option set on pointer under the label class, where when the mouse hovers over the labelled boxes (Name, Surname, Email and Message) the cursor would assume a pointed hand icon.

While reviewing my website I realized the were some things I failed to take into account. For example the title that I gave to the home page and all the other html files. I was not aware that that information was going to be displayed on the tab, otherwise I would have named them differently, such as "Imperial Realms: Home", "Imperial Realms: News" and so on. I should have also created a separate page related to the communities so when viewed, it would actually show how a community profile page would appear instead of redirecting one to an article page. The "most viewed communities" image section should have been added a hyperlink where, again, one could observe the profile.

I would have also preferred if an article page with a video embedded instead of an image was used in order to add more dynamism.

When Taking a closer look to my navigation bar and footer, it is noticeable that the colour of the edges of the background of such elements is till the end of the screen, which was a neglected mistake from my part that could have been fixed with the paddings and margins.

From the list of Internet Services, I chose NewsGroup and Communication Services, since they are the two types that correspond the most with my website.

An online forum could and should be implemented in the website, in fact originally I designed the page with a forum included because I would allow users to discuss and talk about those hosted topics, by following them, leaving comments on posts, and so on. This would be a popular feature, especially on a website of this nature where users are eager to hear other people's perspectives, participate in debates and even form friendships.

A chat component would be interesting to include, as it would benefit further those who are looking to make friends, so they can have a private safe space where they can talk. Or create group chats and add the users they wish to participate.