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PORTFOLIO

Design Brief

Flynn's Arcade has been slowly losing money as the trend for accessing video games has moved away from social video game arcades to at home video game consoles such as the Atari amp and Commadore 64. Flynn wants to reposition his business as a venue for selling new games and trading used games. Flynn wants you to design and create 'alpha phase' website that communicates his new business model.

## Areas of Research: Website Creation Tools

- Bootstrap
Bootstrap is a website that people can attain codes for the use of creating their own website for all purposes. Forms, navbars, jumbotrons and more can be found in this website and all are available to be used for free. The constrution of a website becomes easier with bootstrap's help. Many different designs from this open source contributes immensly to the aesthetics of your own website allowing your creative side to take over the work.

- Notepad++
Notepad++ is a free to download and use software that allows anyone to edit codes in order to create websites. It is available in about 87 languages and its operating system is Microsoft Windows. This is an easy code editing source and has been used to create my website.
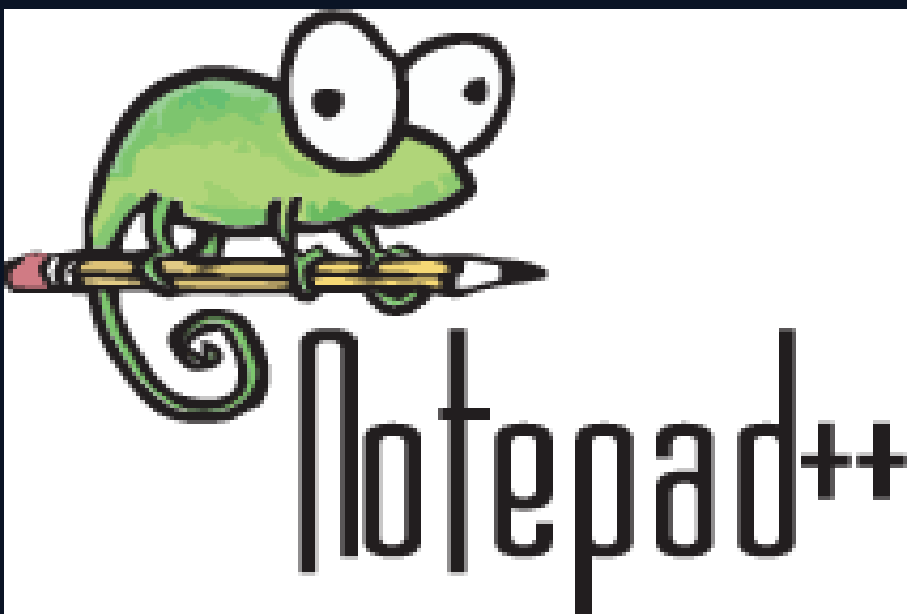
- Github
Github is a open-source control system that is open to everyone and free to use. Developers creating a project are able to upload their work but can make changes as new ideas are displayed. It allows them to store their files and any further modifications easily. A repository is created for each project made and developers have their own profiles and can present their work to anyone.

- Font Awesome
Font Awesome has been used to add social media icons such as Facebook, Instagram or just plain little images in an individuals website. This allows people to be able to either enter the social media website or to simply add neatness and easy understanding of the information that is present.

- Google fonts
Google Fonts is where people can use extra fonts that are not present in the list that is already made. Add different fonts to create neatness in text.

- Logo maker
Logo Maker is used to create an easy appearance or identity of website to be remembered by.

- Colour Palette Generator
Using any image that is uploaded to the website to create a colour palette using the main colours present in the picture. Helps with using pictures from a moodboard to make a colour palette that relates with the theme used.

- Random Colour Palette
The colour palatte generator allows designers of all type to be able to create a theme with the colours that are given in this website.

- 50 Shades of Gray
This website showed the different shades of gray for the use of it for any creative purposes.

Drag and Drop:

The intended use for drag and drop is to easily move or copy items. Highlighting the items can allow a person to select and move multiple items at the same time. This tool makes it easier for not only developers but anyone to do such acts.

Background Research- Flynn's Arcade:

Flynn's Acarde is a gaming arcade owned by Flynn. Within this arcade ther is a secret door that leads into a place of technology of 1983, giving an old vibe. Lasers, neon lighting, a lot of blue light and dark geometric objects are presented throughout the whole movie 'Tron' thus giving the feautures to add in this website.

The tron game that has 4 arenas. In one of the arena's players control the movement of their cycle in order to outmaneuver the opponent. Flynn gets transported into a digital build of Tron City and this is where most of the creative ideas for the website were taken from.

Data Communications:

Data communication is the process of data transferring from one device to another. It needs mediums to trasport to and from, such as copper wires or some that are wireless. An example of a wireless communication is, wifi connections. The communications can be sending texts, videos and images. Different types of data communications are, half duplex which is communication boths ways but it must be one at a time and full duplex, this is communications both ways but at the same time. This is used in webdesigning inorder to be able tocommunicate the features of the website clearly.
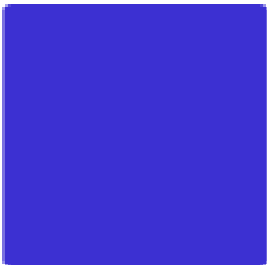
Content Management System (CMS)

Content Management System (CMS) is a software application that manages and stores content for anyone such as developers. An example of cms is Github. It allows easy access to data and it can be edited, updated and published at any time and anywhere. This provides tools for advertising and can help developers to promote their projects.
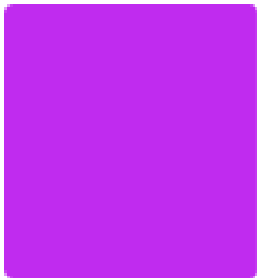
Integrated Development Environment (IDE)

Intergrated Development Environment (IDE) is a software application that makes easy convenience for software developers by combining tools such as text and project editors for better use. An example of an ide is notepad++ as it makes writing code easier by adding things such as auto-complete and highlighting of syntaxes.
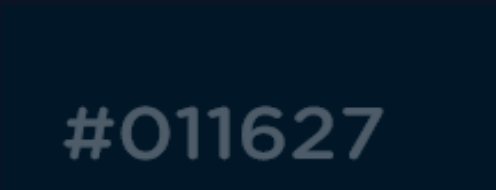
Colour pallette

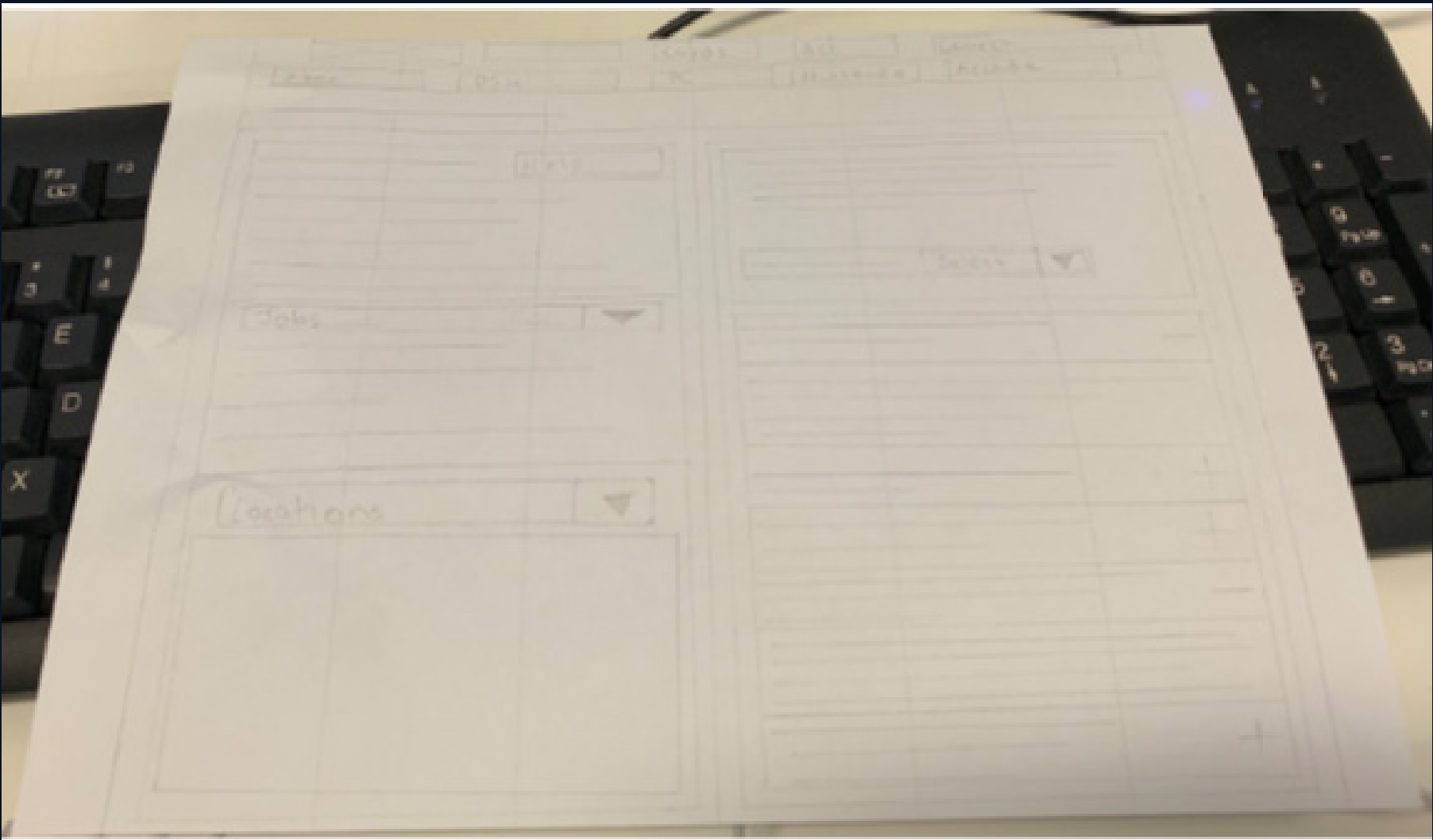

Royal Blue
#3C30D2

Blue Violet
#C02BEF

#011627

#FB8B24

#C9D6EA

COLUMBIA BLUE

- Final Concept Design:

Wireframe
The wireframe constructs the basics of the website I am creating. This presents the layout of my contact page that I was to create individually. Although this was created, the final product did not contain everything at the exact placement but it did help, on how to begin and what to add in the website page.
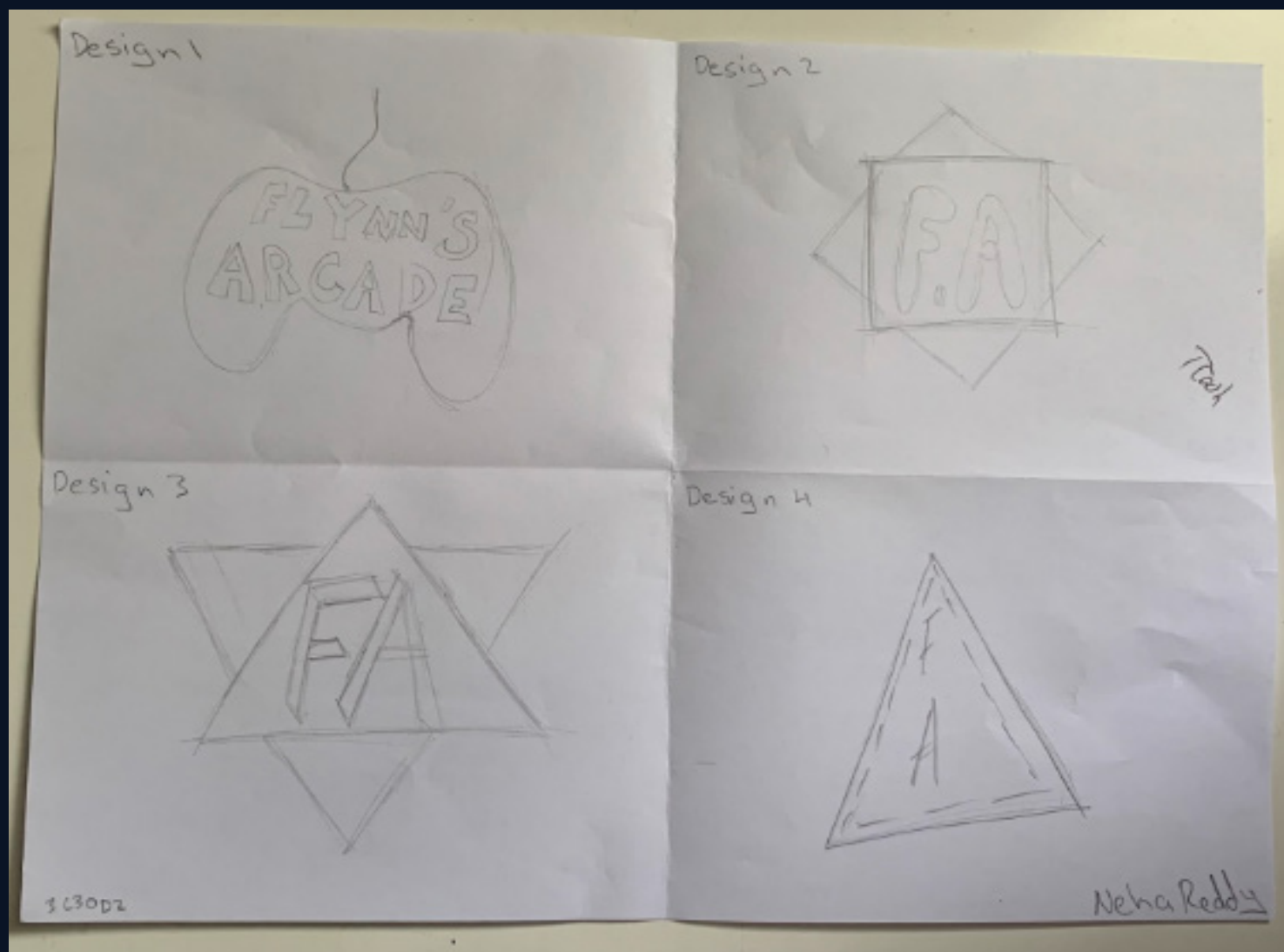
- Design sketches:

Four designs were created for the log that is going to be representing the website being created and only one was to be the final choice. Design one was the chosen one after the feedback about it being the most related to the theme of the website, gaming and that it implemented the correct colours.

- Logo

The logo has been created to be able to identify the website by. The use of a gaming console represents the gaming website being presented. The text follows the colour pallette set and the theme.

Website Before:
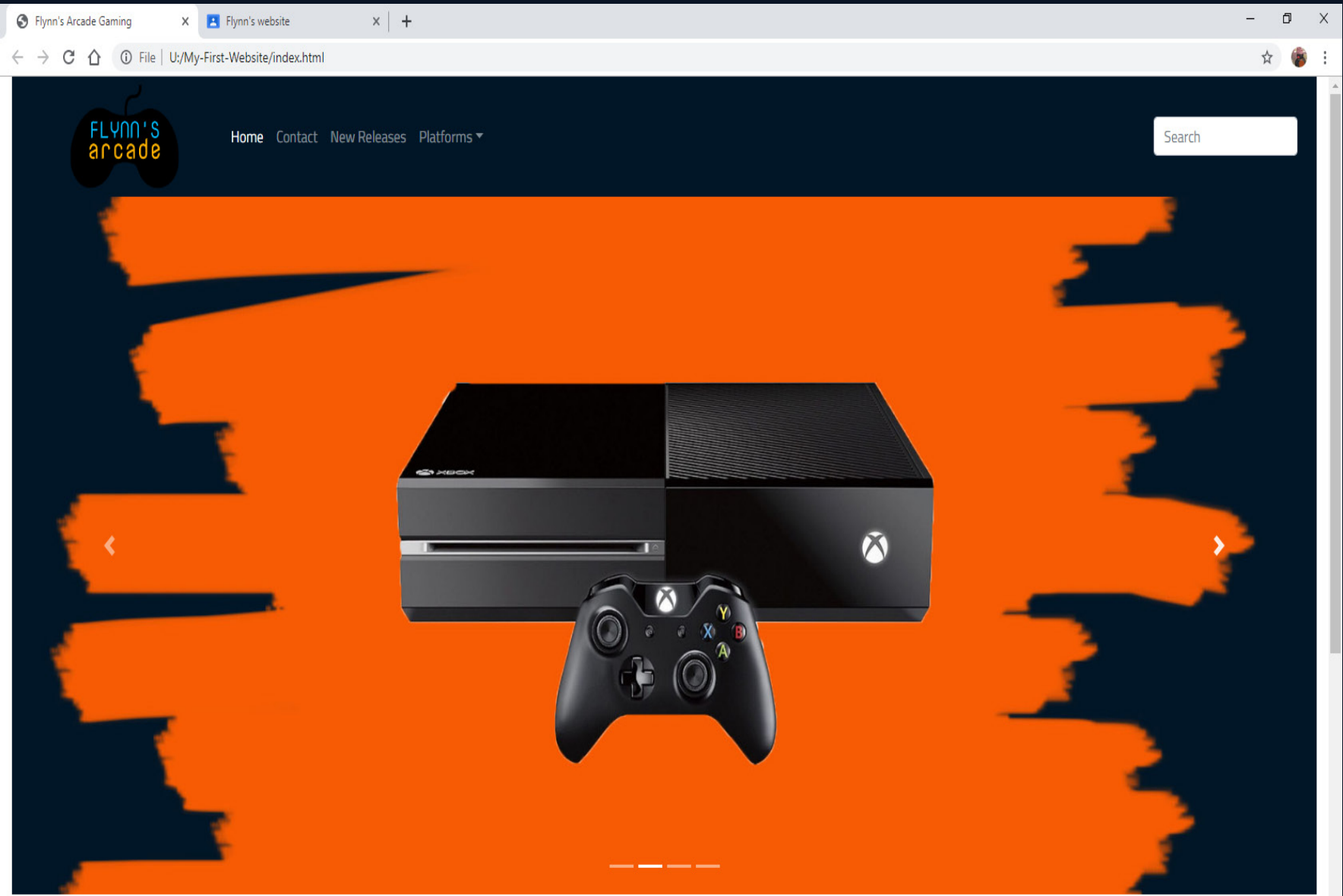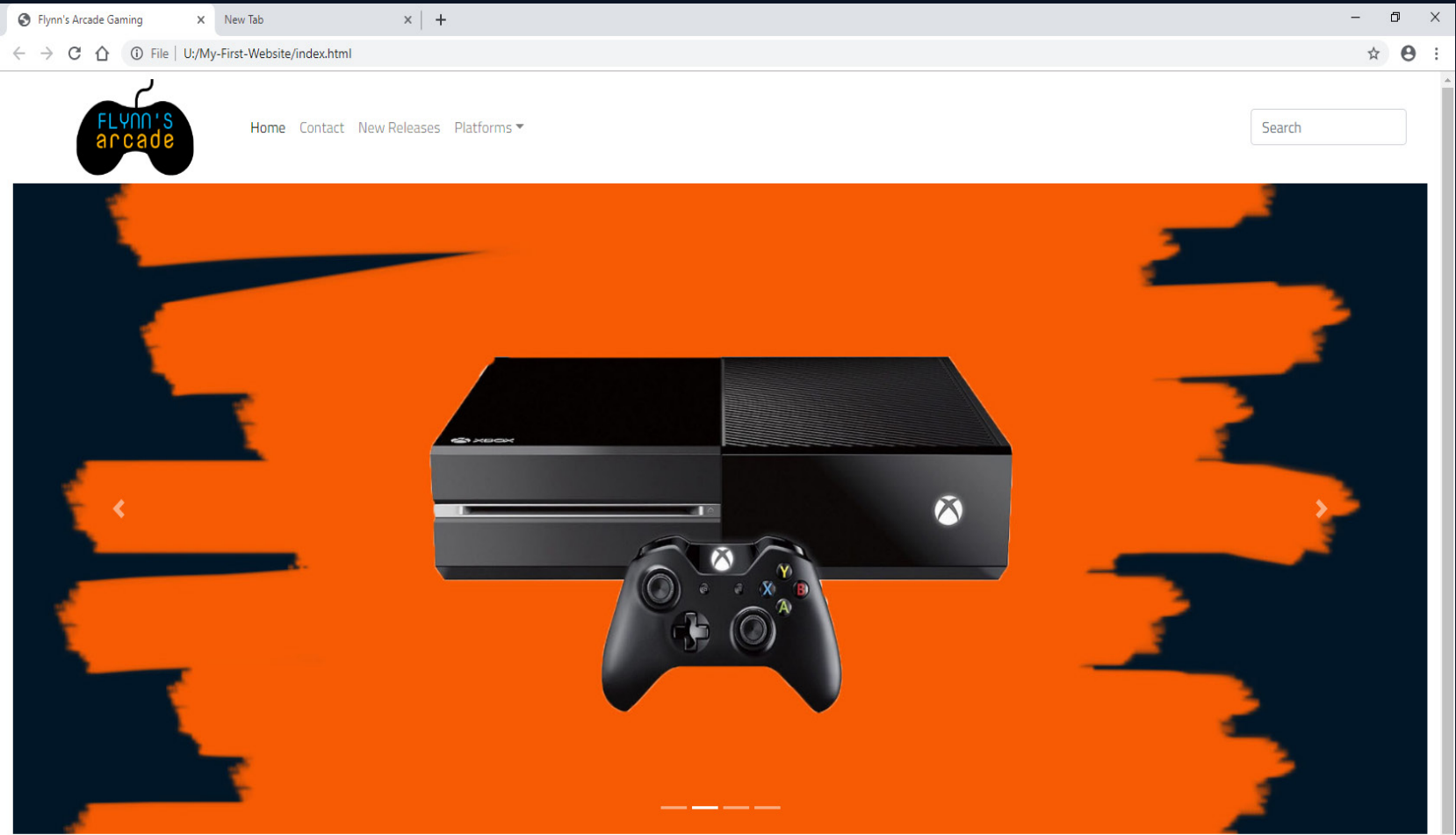
- Final Form: After

I have changed the colour of the navbar in order to fit the colour pallette and made the text colour white to make it easily visible to the viewers above the dark background it is on. The sliders have remained the same throughout the whole time that I have changed the navbar and text colour as no changes were nedded.

Tron: moodboard

Header Font: Barlow
Body Font: Titillium Web

logomakr.com/8Ca3d5
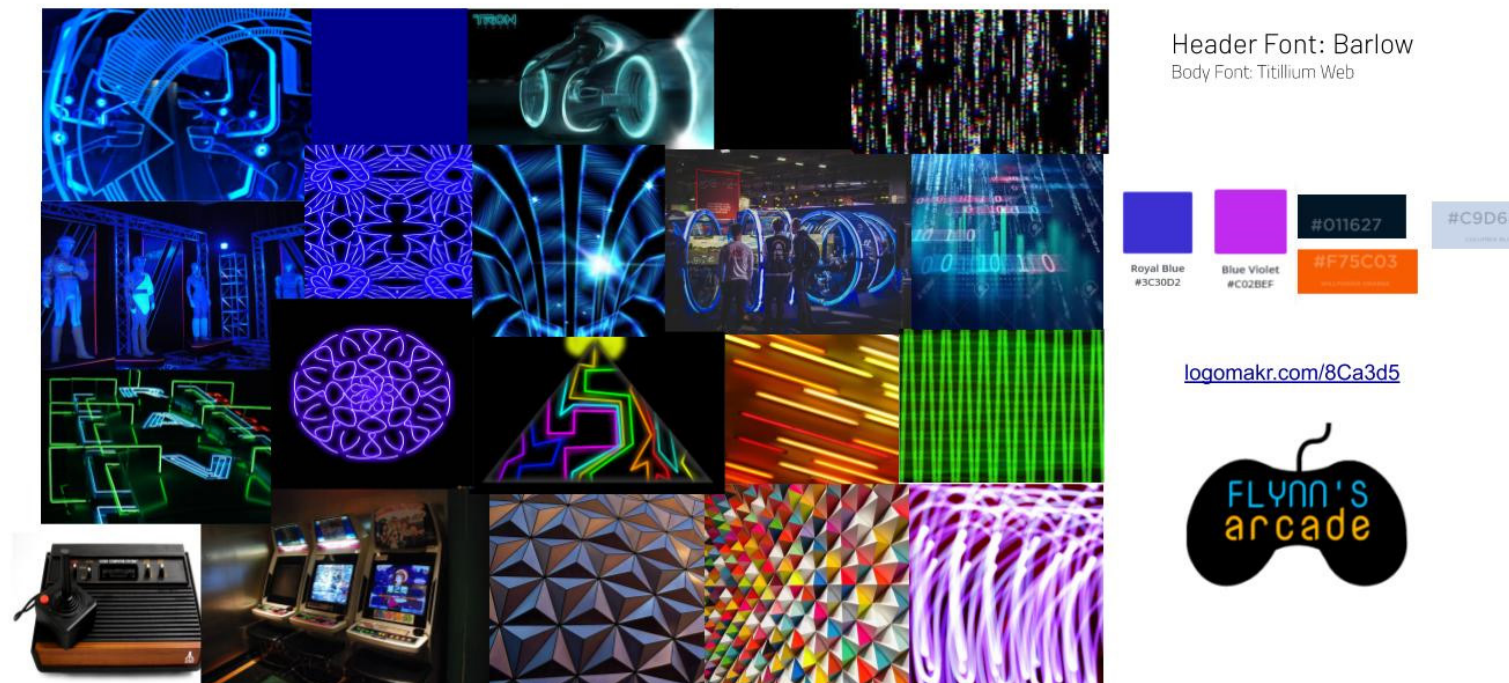
- Moodboard:

Picture collage has been made based on the movie tron and to the main characters interests. Some similarities resembling the movie are the neon lights, geometric shapes and objects. A colour pallette shows the main colours presented by the pictures in the moodboard and is used for my website. A logo has been added to make the website easily identifiable and remembered by Also fonts allows the website to look neat and presentable with matching pairs of fonts for the header and the body

- Final footer design

The footer design includes images for product, creative buttons for the purchasing of the products and icons have been inserted. The lower footer consists of popular social media icons and set hyper-links in order to be transported to the shown social media website and app.
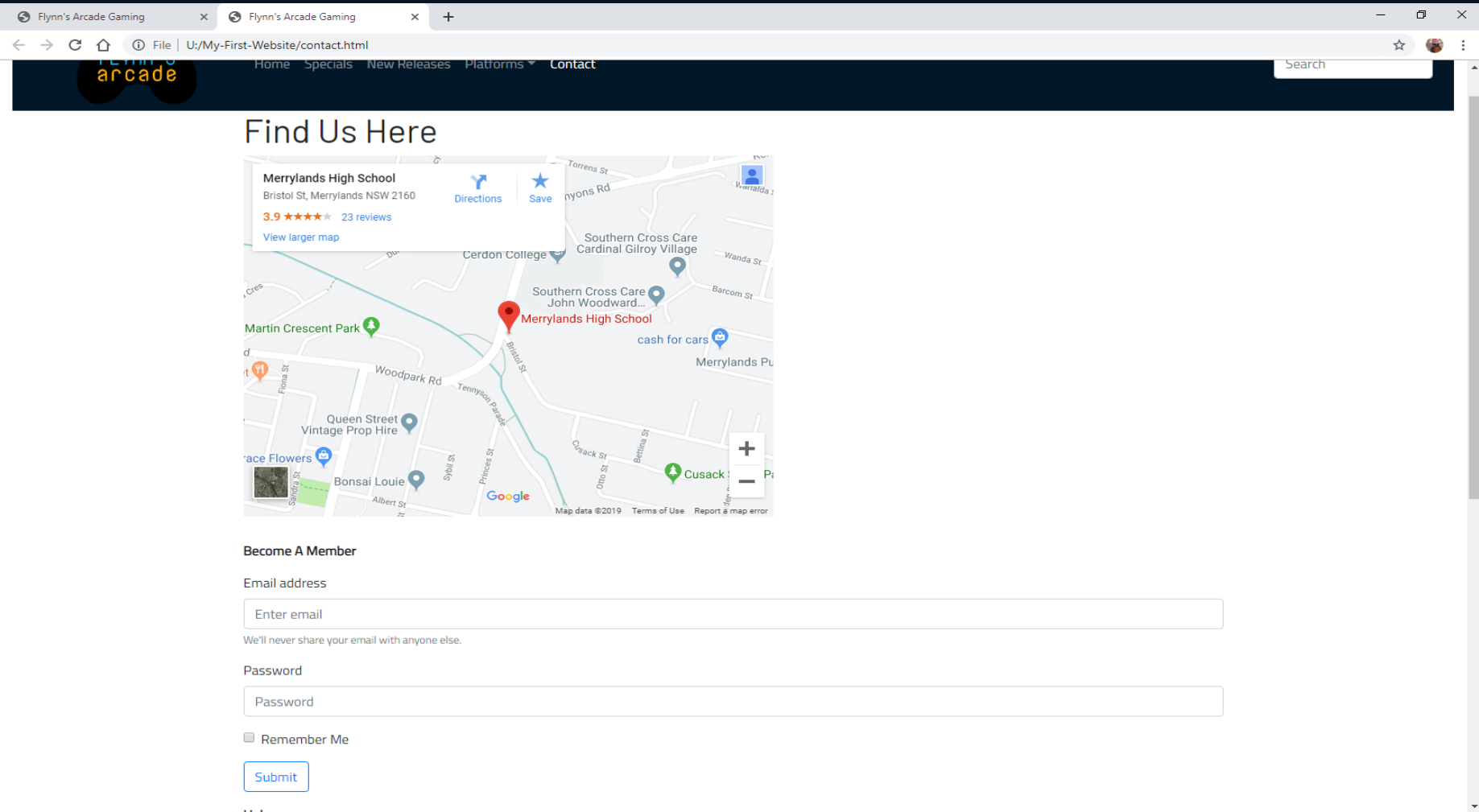
- Index: Before

The codes for a navbar, 4 sliders, products section and both upper and lower footers used to create the basic structure of the website. A large number of containers include the important features of the website displayed. Most of the codes in the index is derived from the website for the building of websites called Bootstrap.

- Final Index

In the final form of the index the smaller creative aspects of the website have been inserted to form a neat presentation. The aspects added are Font Awesome icons for membership benefits to help better understand the information on the website, product images to promote the items and buy now buttons to be able to actually purchase the goods.

- Contact Page

The google map has been moved from the lower footer to the contact page and enlarged to make it much more easier to view, read and use in order to find the proposed store that the website is advertising. Forms for becoming a member has been implemented in the Flynn's Arcade wesite,for the customers to further receive benefits. Also a form any queries and help has been added for the consumers questions to be answered and for them to be able to understand everything there is on the page and more.
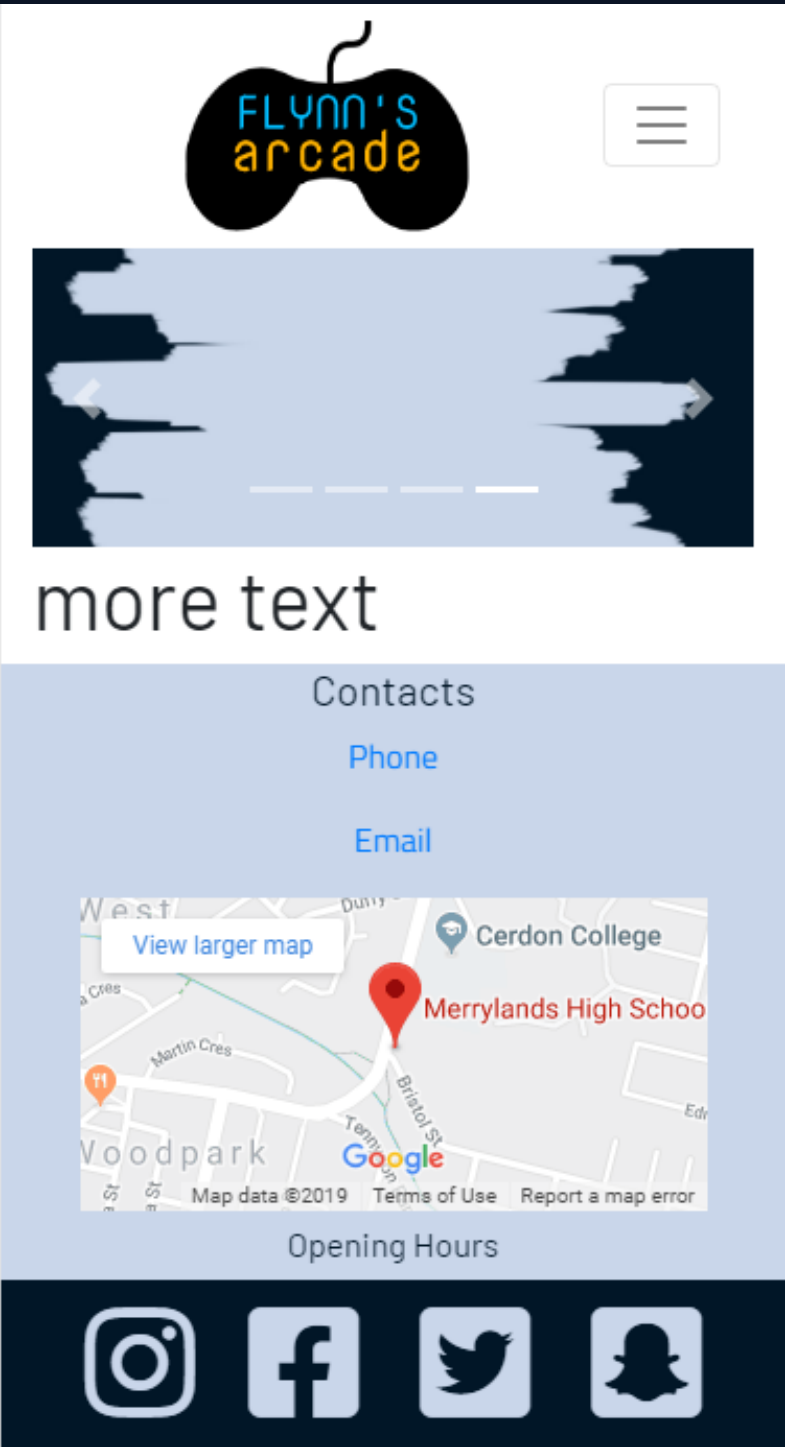
- Small device capture: Before

This shows how the website will look on a smaller device such as a mobile. The content on the page is much more clearly visible but, is moved to fit on the screen showing all of the images and icons properly and easily.
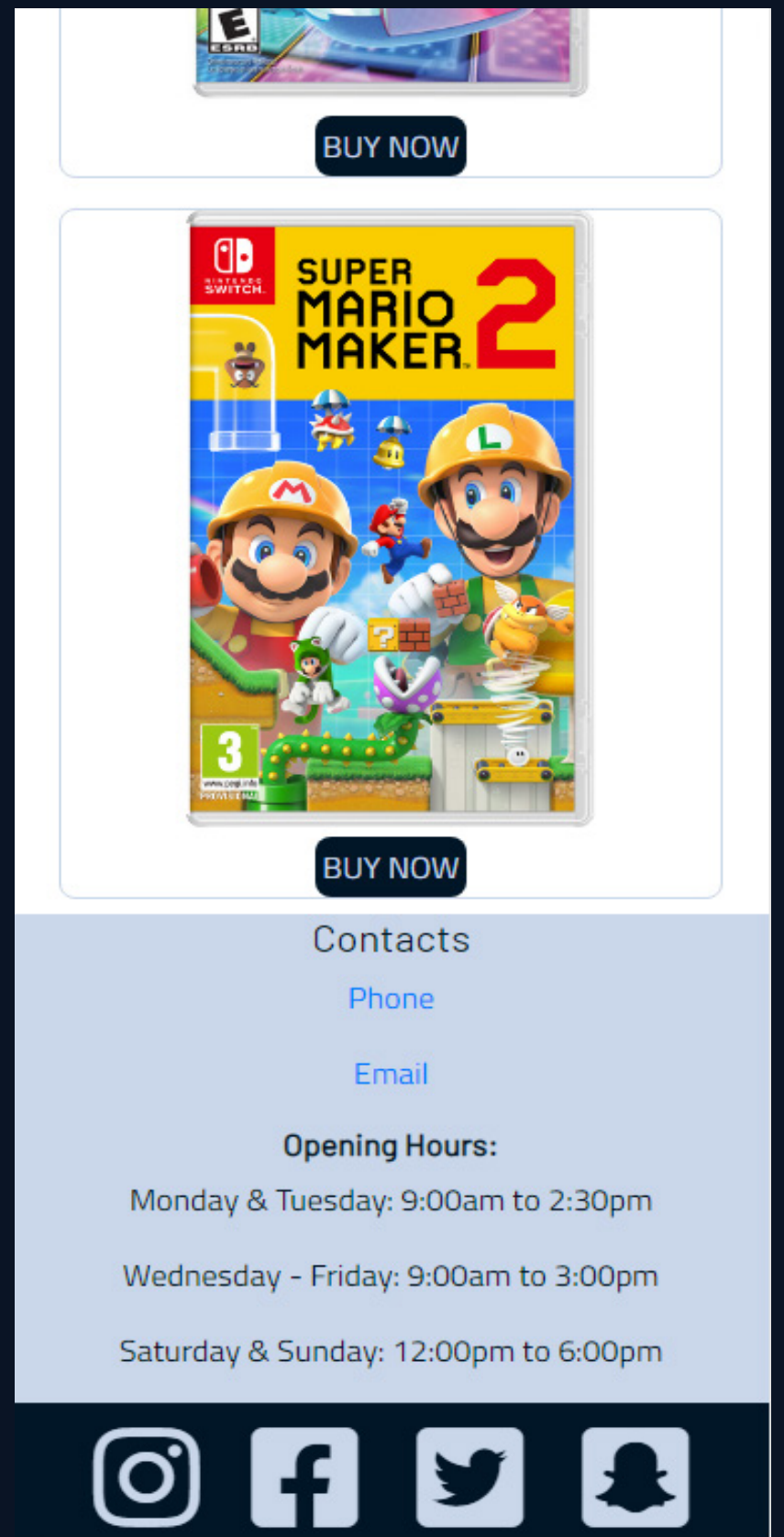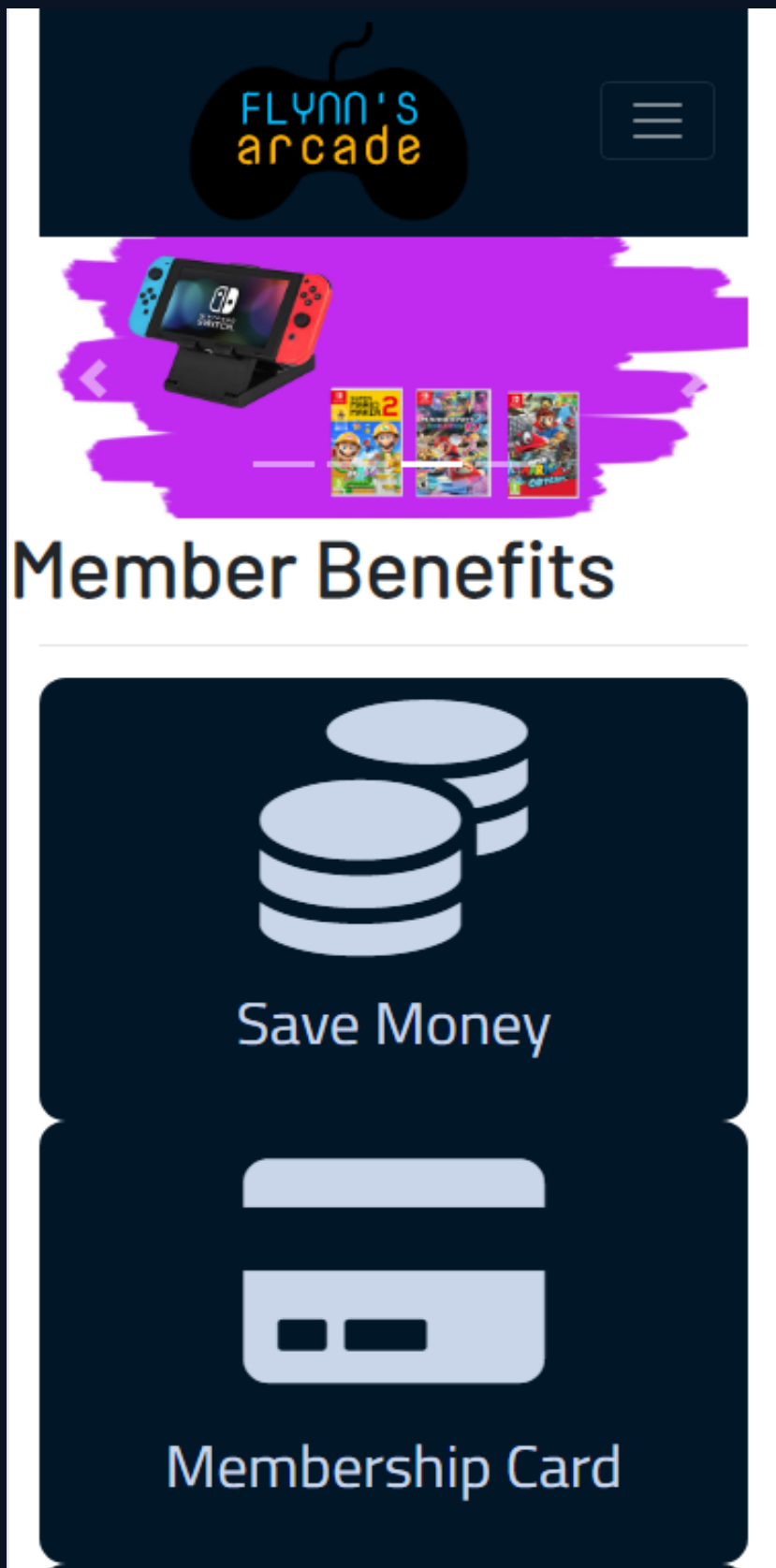
- Small device capture: After

The two images above are the screenshots of my website in the form of it being viewed on a small device. The sliders and navbar have shrunk to make the images visible on a smaller scale and still take place of the whole length at the top of the website. The navbar now has a dropdown at the side to show the options of the search bar, contacts and others. It now only presents the logo that has been enlarged. The icons and products section of the website is now stacked above each other making each image clear and easily to read text. The footer has also stcked the information above each line, still presenting every text that is the same as the writing on a larger scaled device.

- Evaluation:

Good:
In my opinion, I believe that the logo created for my website is
 decent. With the lack of skill I have come up with a decent looking
logo that fulfills the purpose of identifying my website by and that
it fits in the gaming theme for Flynn.Not only does the logo appear
to suitable but, the footer does too. I have successfully changed
the colour of the background and font for the first time using style.
css and hexadecimal codes for each colour from the color palette
making it look clean and neat. The ability to create a contact page
for the website without the help of following instructions has also
struck out to me as a good factor of my website.

Improvements:
The sliders may be able to be improved on. Although the basic
structure of the carousels have been implemented but the creative
aspect could have been much better if more time were spent on it.
The layout of the member benefits section can also be changed to
better explain the information on the website. Changing the icons
and adding text to further describe the website could have made it
much for easier for customers to understand.

Index Website URL:

file:///U:/My-First-Website/index.html

Contact Page:

file:///U:/My-First-Website/contact.html

My Github:

https://github.com/NehaRed/My-First-
Website

Bibliography:

-All the resoures used: websites, books, videos, ect

Notepad++:

https://notepad-plus-plus.org/

https://en.wikipedia.org/wiki/Notepad%2B%2B

Github:

https://www.howtogeek.com/180167/htg-explains-what-is-github-and-what-do-geeks-use-it-for/

https://study.com/academy/lesson/ide-in-software-definition-examples.html

https://www.codecademy.com/articles/what-is-an-ide

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https://tron.fandom.com/wiki/TRON_(arcade_game)

https://tron.fandom.com/wiki/Flynn's_Arcade