Planning & Analysis

Project: Module 2 Assessment - Javascript

URL - TBD

# Project goal

This project, Space Things, is a clone of the classic arcade game, Asteroids. The project will have a simplified version of the functionality of the original Atari game.

The project will consist of a one page website, with basic navigation, JavaScript in the centre to play the game and some sort of score keeping at the bottom for users to record their top score.

# Design methodology

The design of the site will be modern, but simple to navigate. It will utilise current design methodologies which will be detailed below.

The fonts chosen for this project are sci-fi inspired fonts to match the theme of the site. It is accepted that some readability will be sacrificed to keep the site on brand, although the aim will be to make sure all fonts are not to extreme in their design.

To increase compatibility and maintain design integrity across the maximum number of browsers, the chosen fonts will be Google Fonts which have a variety of weights, making distension between various elements very easy.

The font sizing scale is based of the **major third methodology1** of type scale, giving the site a type scale with good contrast and readability. This scale is also one of the safest options because it fits the majority of screens.

# Code methodology

The code will be commented where required to explain its use. Particularly the CSS, where the relevant sections of the site will be organised together.

When adding padding, the full range of options will always be used to allow for easy, quick future amendments should they be required. For example, padding-left:20px; will never be used, instead padding:0 0 0 20px; will be used. This means top, bottom and right padding can be added by amending just the relevant 0 to the desired size. Saving time and adding to better code organisation.

# List of pages

Before discussing the pages as a whole, lets first comment on some elements which are common to all pages.

* The call bar: Positioned at the very top, this brightly coloured section will serve as a constant reminder of how to contact the site owners, as well as the address.
* The nav bar: This will contain a link to all the other sites page, as well as a logo and link to a form where users can sign up to free, group runs.
* The footer: This will contain the site logo, copyright, address, as well as a link to a privacy policy and terms of use.

## Additional Pages

The site has template privacy and terms of use pages, these are just filled using dummy lorem ipsum copy to demonstrate their positions on the site and their importance in a website build.

Lastly, the site has a stripe checkout page linked to the signup button.

## Wireframe changes during development

Some changes to the navigation area during development as the design of the site evolved.

# Sources

## Document sources:

1. <https://typescale.com>

## Site sources:

* Icons - [https://iconmonstr.com/](https://iconmonstr.com/?s=social+media)
* Background - <https://www.freepik.com/free-photo/man-sportswear-running-road_10321063.htm>
* Male headshot – <https://www.freepik.com/free-photo/close-up-people-high-five-gym_16691966.htm>
* Female headshot <https://www.freepik.com/free-photo/gorgeous-woman-gym-doing-exercise_18671990.htm>

All other graphics including backgrounds, textures, icons and logos (where not specifically mentioned above) were sourced from Canva using a Canva Pro subscription. Commercial and personal licencing for use in projects is covered by this agreement. More information on this licensing can be found here - <https://www.canva.com/policies/content-license-agreement>.

# Checklist

Your website must be on one of the following topics: This is a sport website.

Required features of the pages include:

● Appropriate meta tags:

All images using metatag.

● One page utilising tables effectively to display tabular information:

The events page uses a table to display information.

● One e-mail hyperlink:

The callout section on every page contains a mailto email link.

● One external hyperlink

The blog page is all external links to articles and videos.

● Consistent banner logo area &. main navigation

The logo in consistant on every page with the navigation.

● Association with external style sheet (.css file)

The site uses an external style sheet.

● One Bonus Feature: YouTube video, CSS image gallery, or CSS Transition

The blog page uses a video embed, and the buttons have a basic transition effect.

● Popular browsers (including Chrome, Edge, and Firefox) must render each page correctly:

The site display consistently across browsers and on tablet.