Isaac Cavallaro Portfolio T1A2
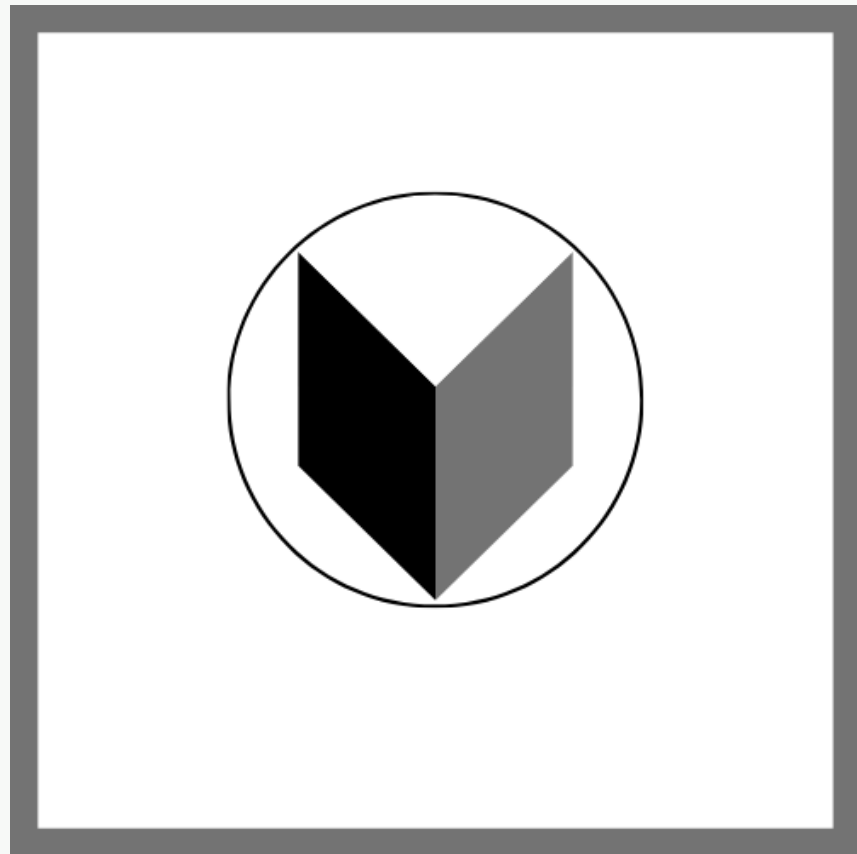

- **Coder Academy**
- **Term 1**
- **Assesment 2**

Introduction

1   **Illustrating the three principles**

2   **Walk-through the design process**

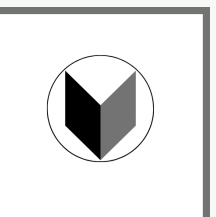**3**   **Review the development & build process**

In this presentation I will begin by illustrating the three principles this portfolio used as parameters for guiding the design and development of the project.

Next, I will walk through the portfolio and design processes.

Finally, I will end by reviewing the project and the development processes.
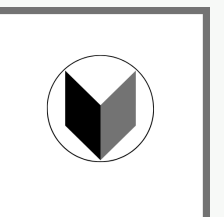
1 My portfolio

- **Minimal**

- **Accessible**

- **Responsive**

My portfolio is structured with these three principles in mind. A **minimal** design focusing on user **accessiblity** that **responds** across multiple screen sizes.

In addition to these three principles, I aimed to use as little lines of code as required whilst writing clear comments throughout the code.
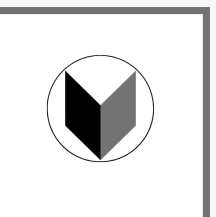
Components used

Styled HTML tags

- **Header**

- **Nav**

- **Unordered lists**

- **Footer**

- **Form**

- **Label**

- **Input**

- **Sections**

- **Headings**

- **Paragraphs**

- **Hyperlinks**

- **Images**

Semantic & non–semantic

Each of these components were given a class and styled using one external stylesheet. The project **does not** include any **JavaScript**.

I wanted to keep the code minimal, clear and concise. This is why I decided to use only one external stylesheet for the project.

Components styling

The styling of these components were kept to a minium; adhering to my minimal design athesic and colour scheme. This was achieved with minimal borders and sutble hover effects on a number of components.

- **Minimal**

- **Accessible**
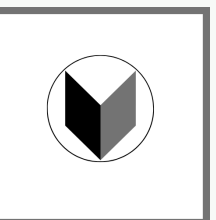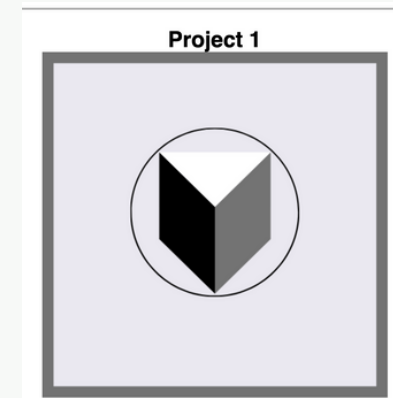
- **Responsive**

Responsive Navbar

- **Fixed top of screen**

- **Active pages highlighted**

- **Page selection underlined**

Home   About   Portfolio   Blog   Contact

In keeping with the simple structure, I selected a fixed, responsive top navbar as the primary method of accessing each page of my portfolio.

Active pages are **highlighted**, **underlined** and **coloured**; allowing for an easy user experience and the option for headings on certain pages to be ommitted.

Navigating the site
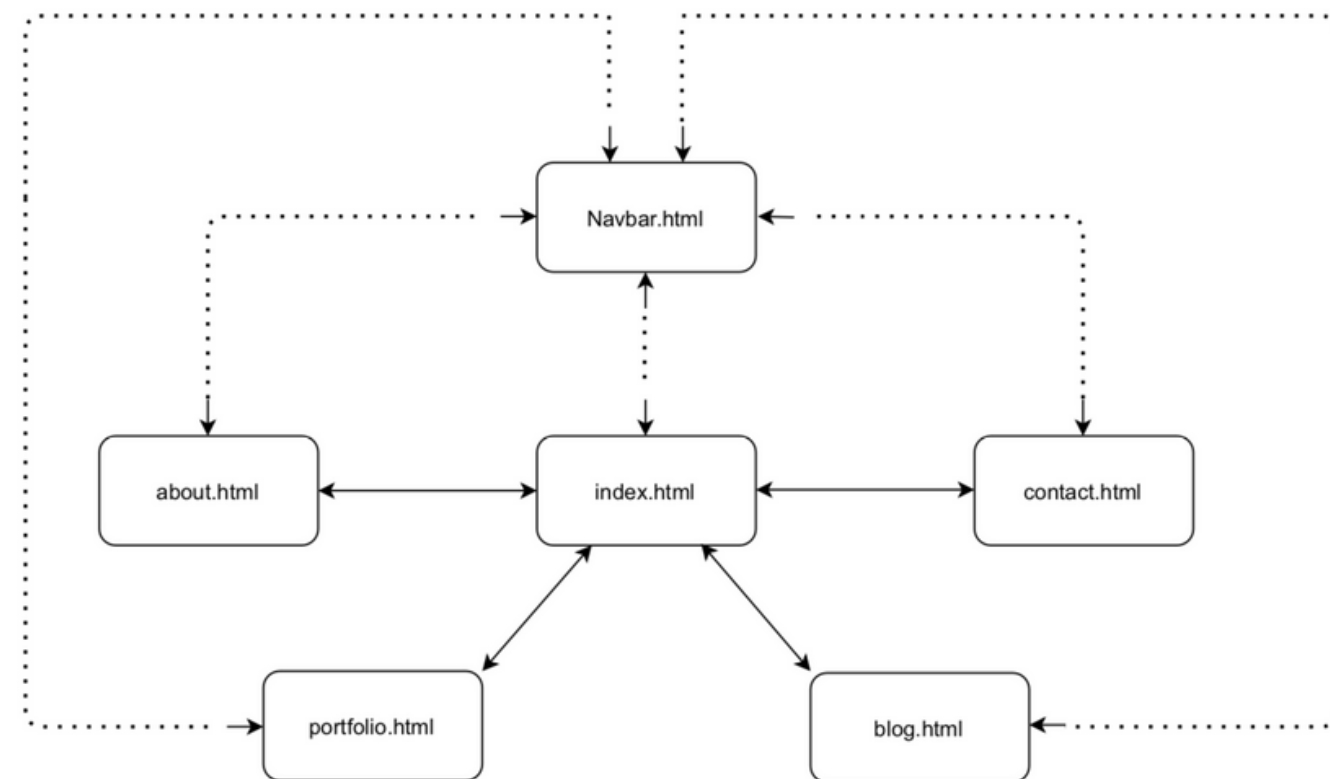
- **All pages are accessible via the fixed top nav**

- **Simple user experience**

Home Page

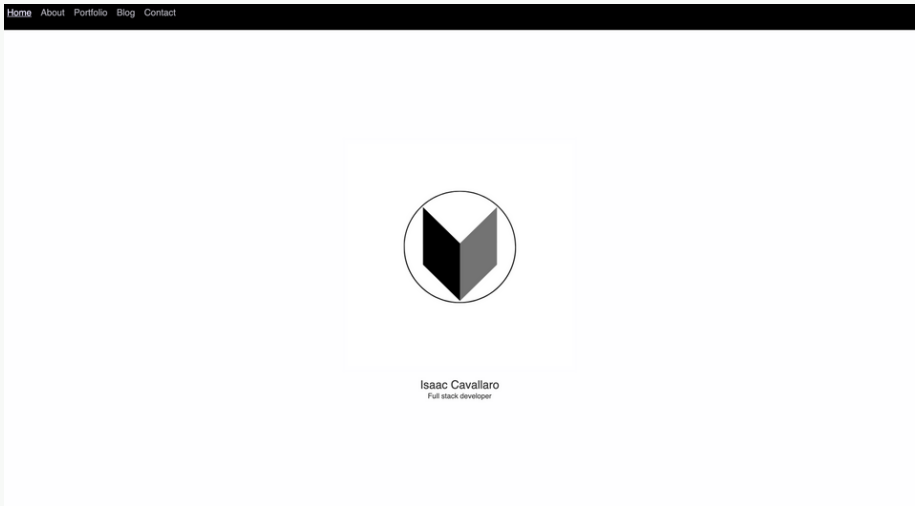- **Background animation**

- **Slow/gentle**

To add interest to the home page, I added a CSS pulse animation to slowly change the background colour. In order to avoid overstimulation whilst keeping within my aims of user accessibility, the animation occurs slowly and intentionally does not draw much attention.
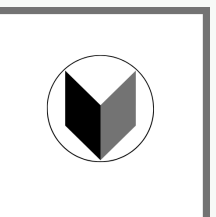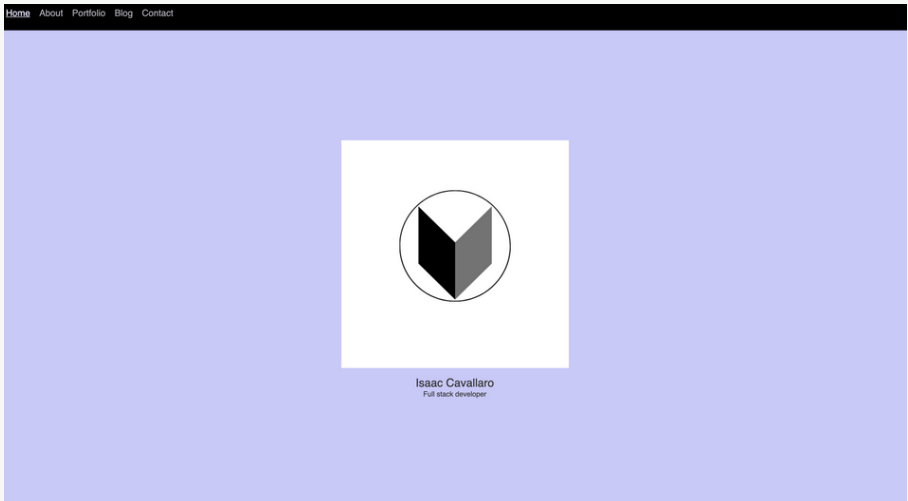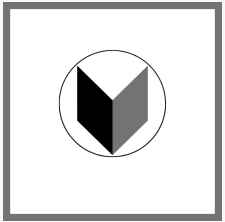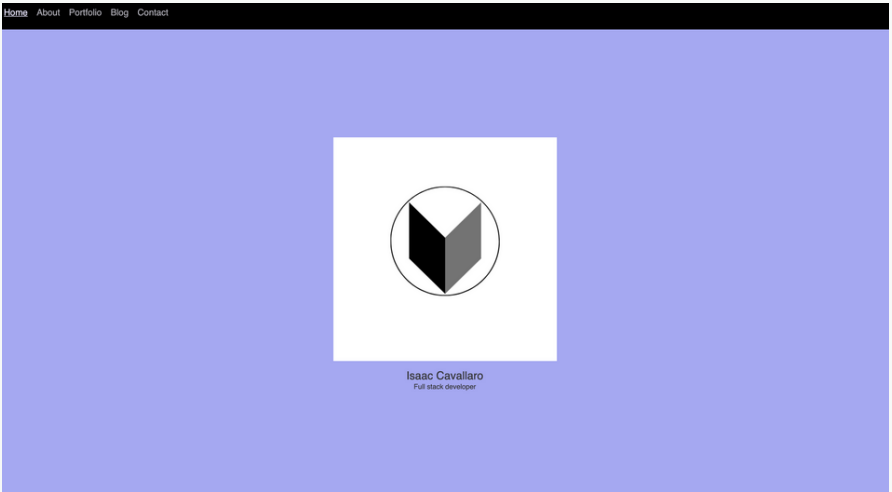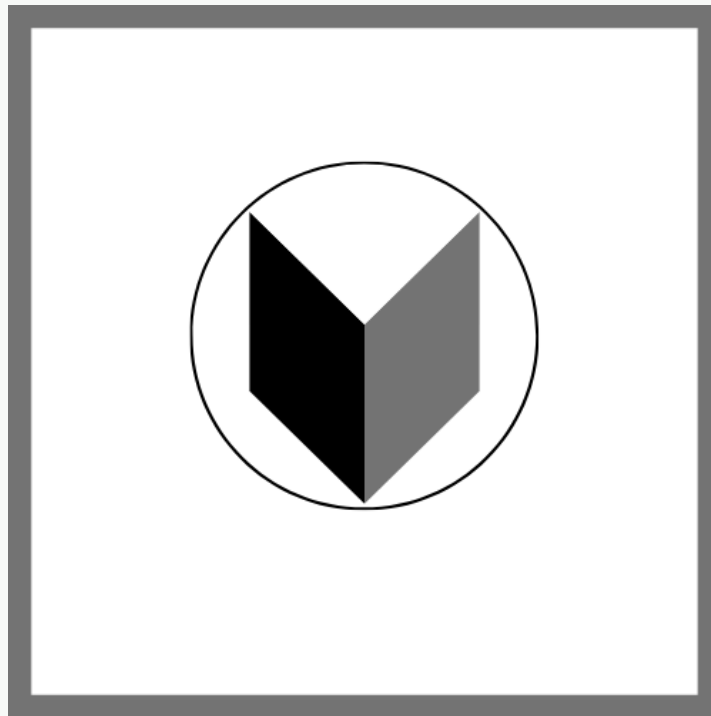
Home Page (cont.)

• **Background animation**

Home Page (cont.)

Logo

I designed the logo featured on the home page prior to buidling this portfolio but found it be a useful starting point for the overall design aesthetics of this portfolio.
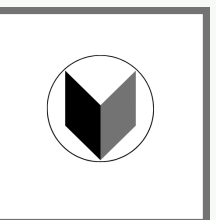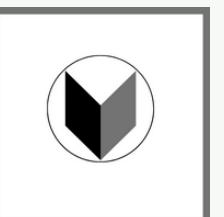
About Page

- **Professional music background**

- **Education**

The about page illustrates my professional background in music and lists my education; aiming to illustrate to future employers my skills, tertiary education and areas of interest.

Regarding responsivness, the width of my header image responds appropriately for smaller viewports. This was achieved with media queries.
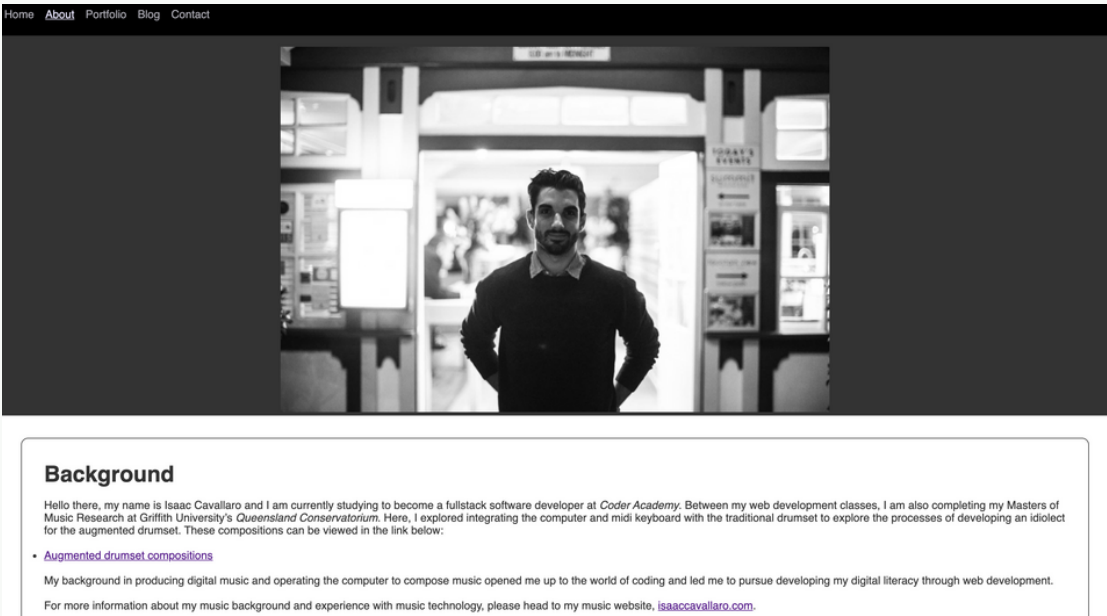
About Page

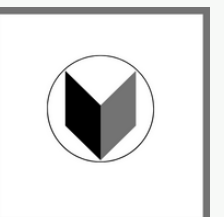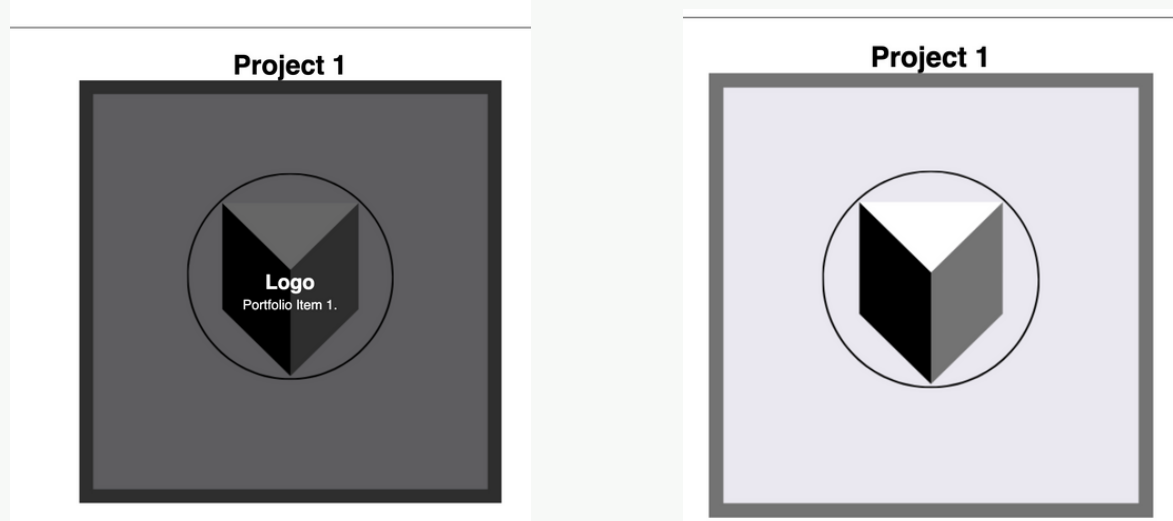- **Tablet & Mobile**
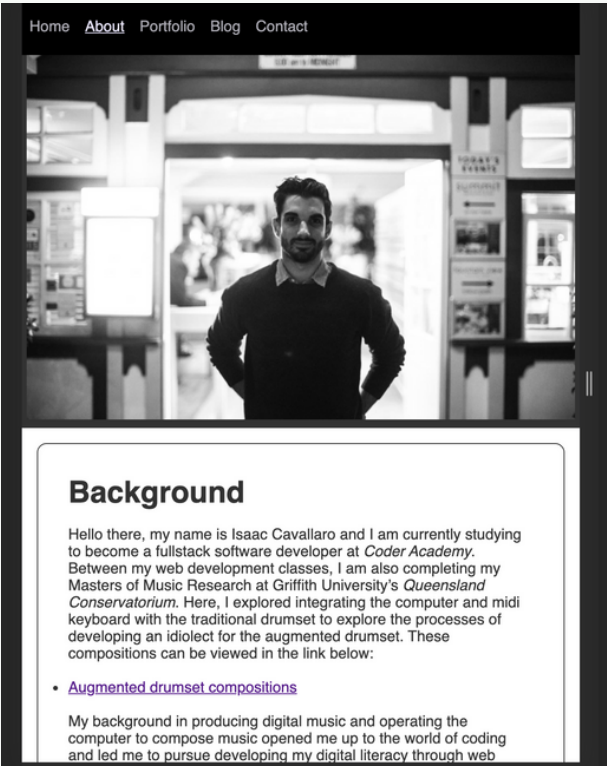
- **Desktop**

Portfolio Page

- **4x Projects (place holder)**

- **Hover effect**

The portfolio page's layout responds by stacking each project on top of each other for mobile devices. This was implemented with CSS flexbox.
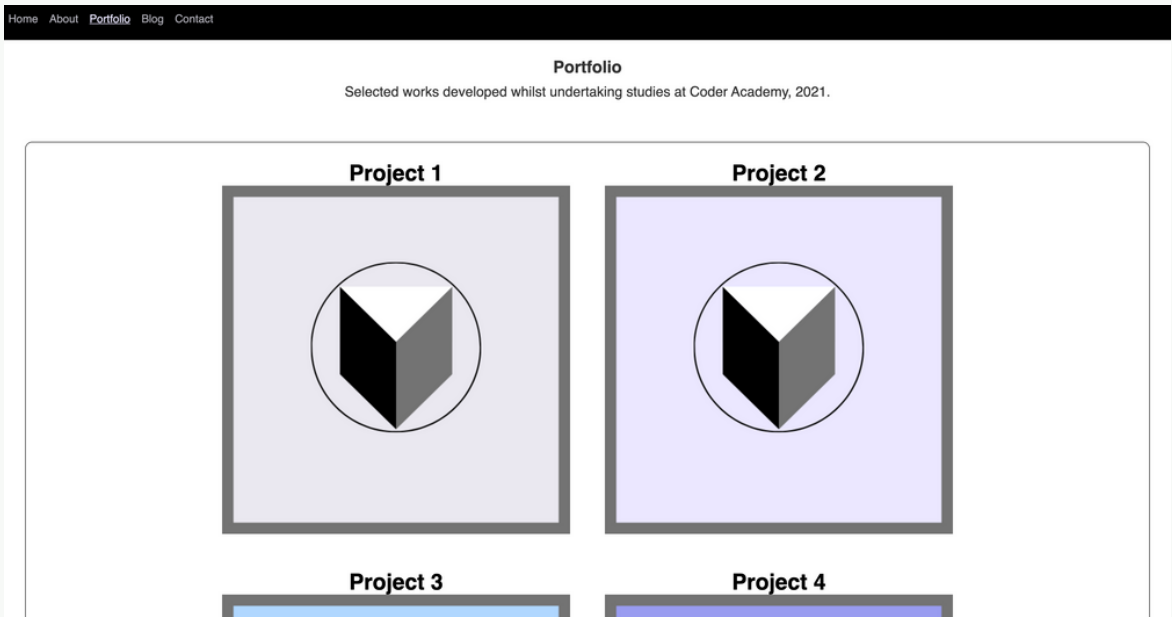
A hover effect for each image allows for additional information to be displayed and adds to the user experience.

This effect works with cursors and touch screens; keeping with the user accessibility principles.
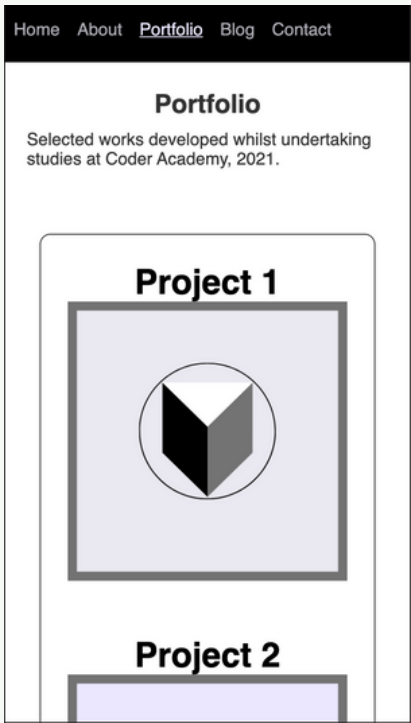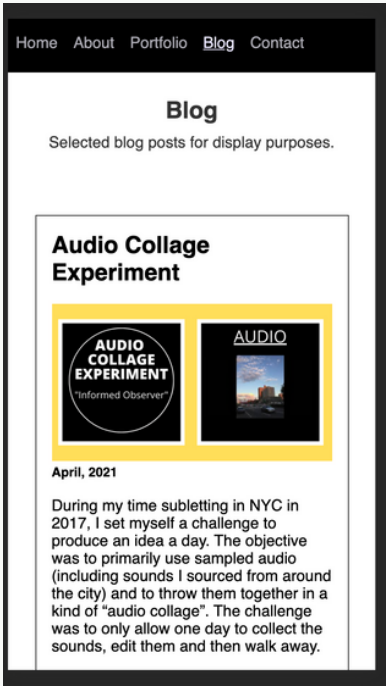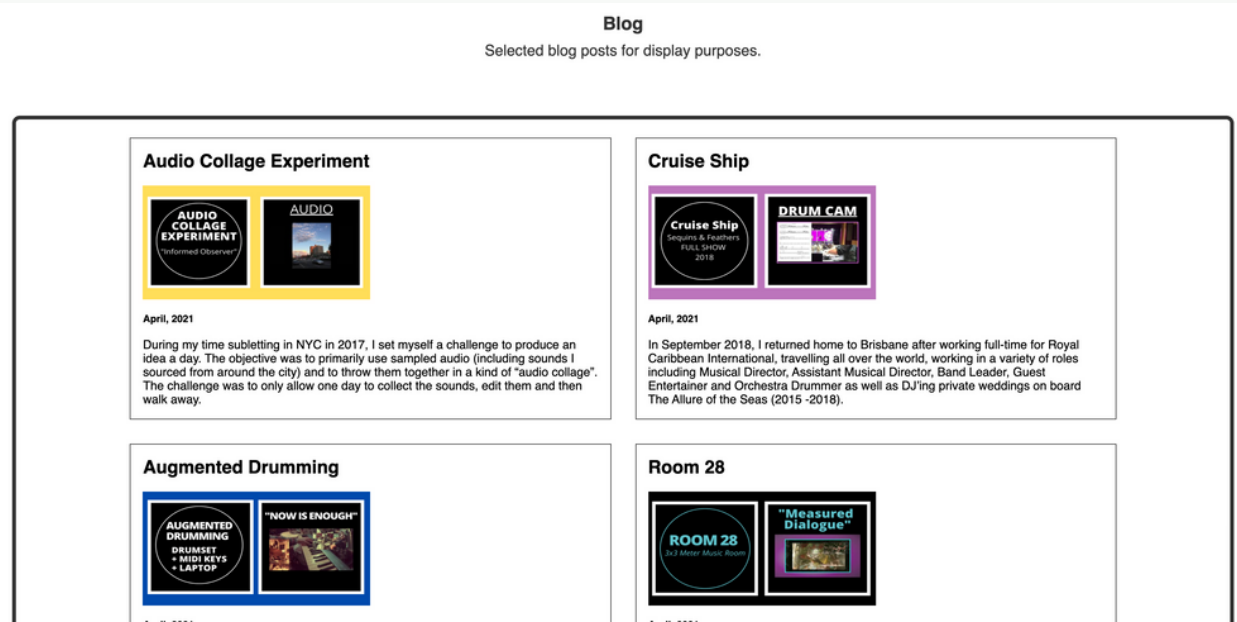
Portfolio Page (cont.)

- **Desktop**

- **Tablet & Mobile**

Blog Page

- **Desktop & Tablet**

- **Mobile**

Like the portfolio page, the blog page responds by stacking the elements on top of each other for mobile screen devices. This was also implemented with CSS flexbox.

Contact Page

- **Contact form**

- **Links to socials**

- **Hover effects**
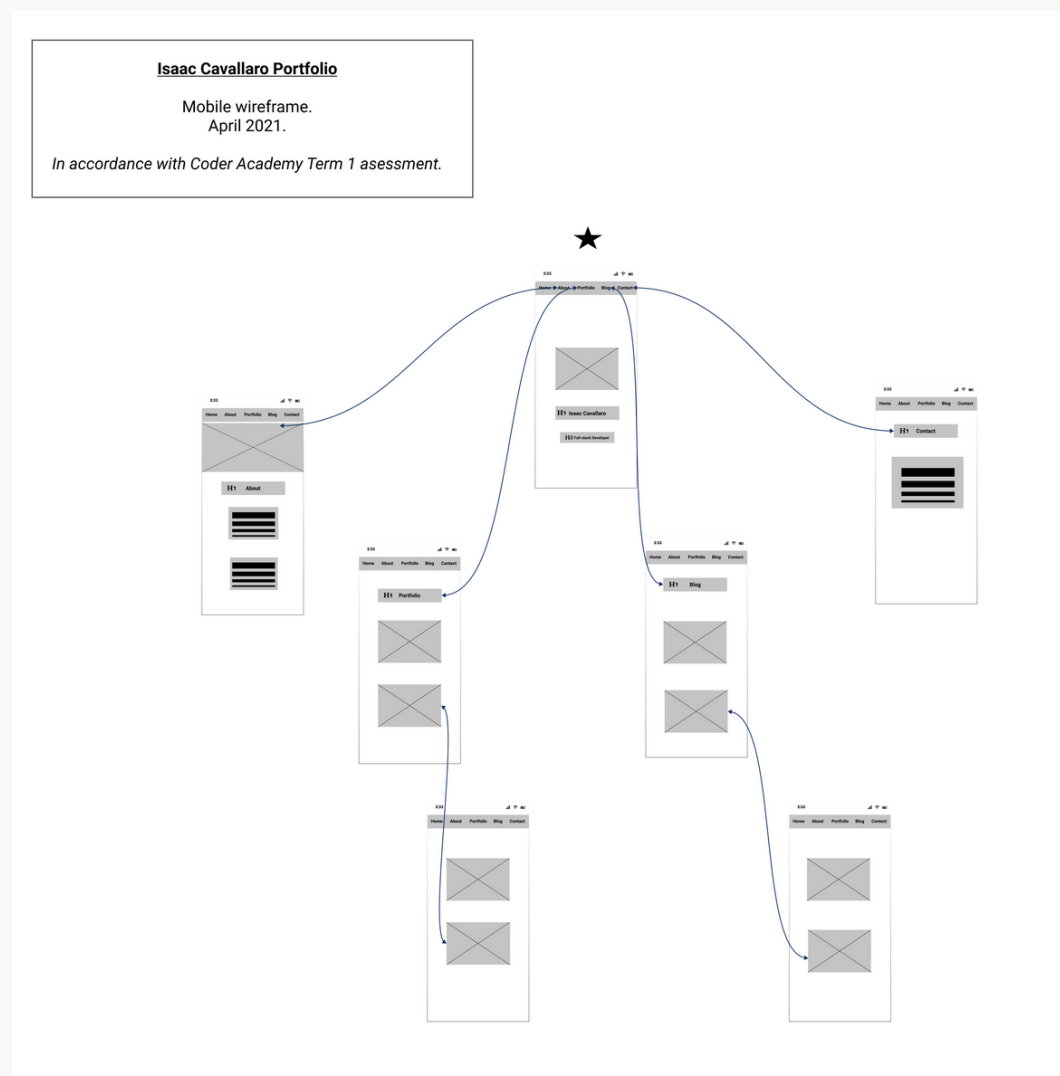

The contact page also uses a simple layout. Below the form are three relevant social icons which link to my accounts in new tabs.
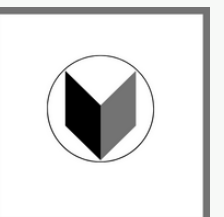
Both the submit button and social media buttons have a hover effect for user **accessibility** and help add interest to the user experience.
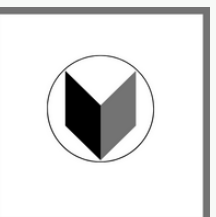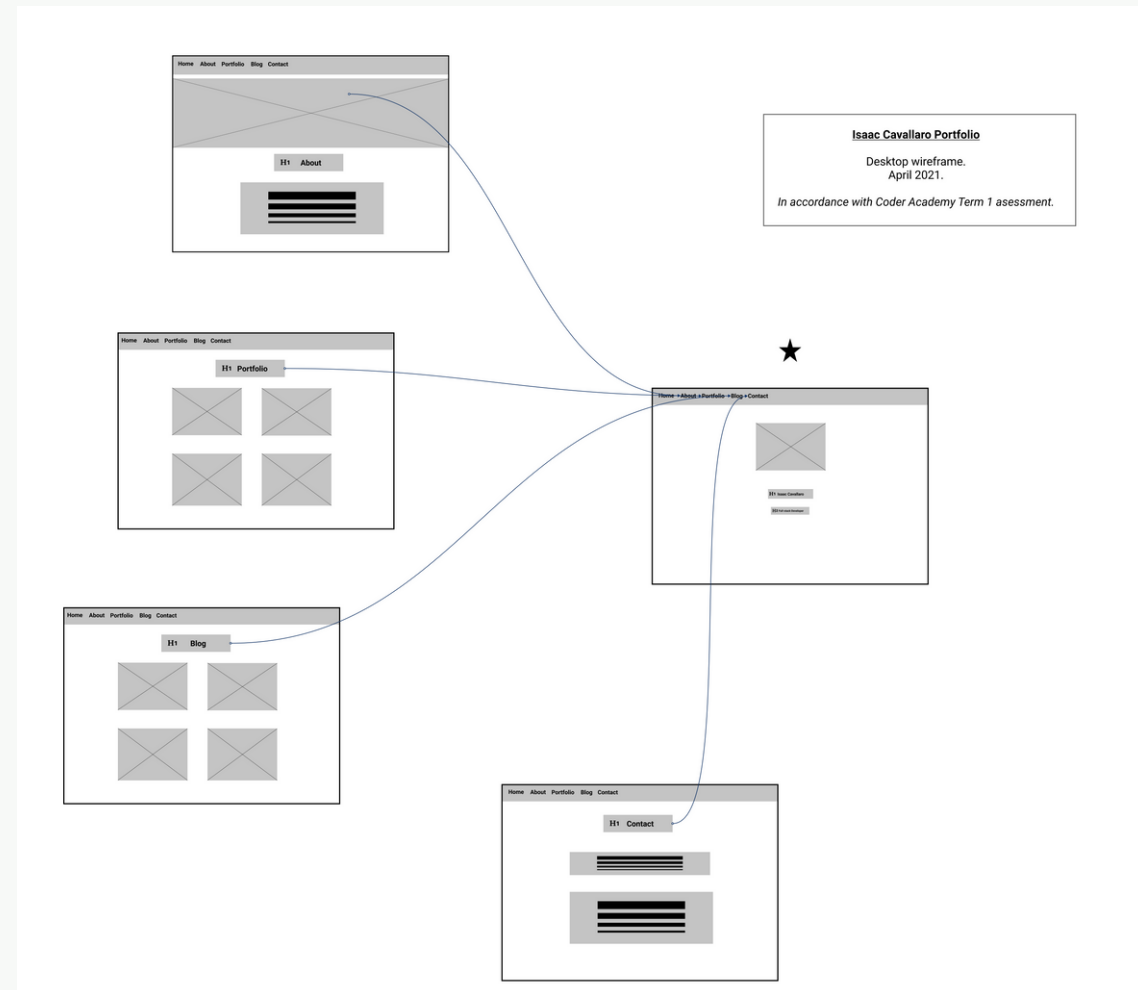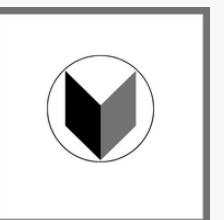
2 The design process: wireframe

- **Mobile wireframe**

- **Designed with Figma**

- **Desktop wireframe**
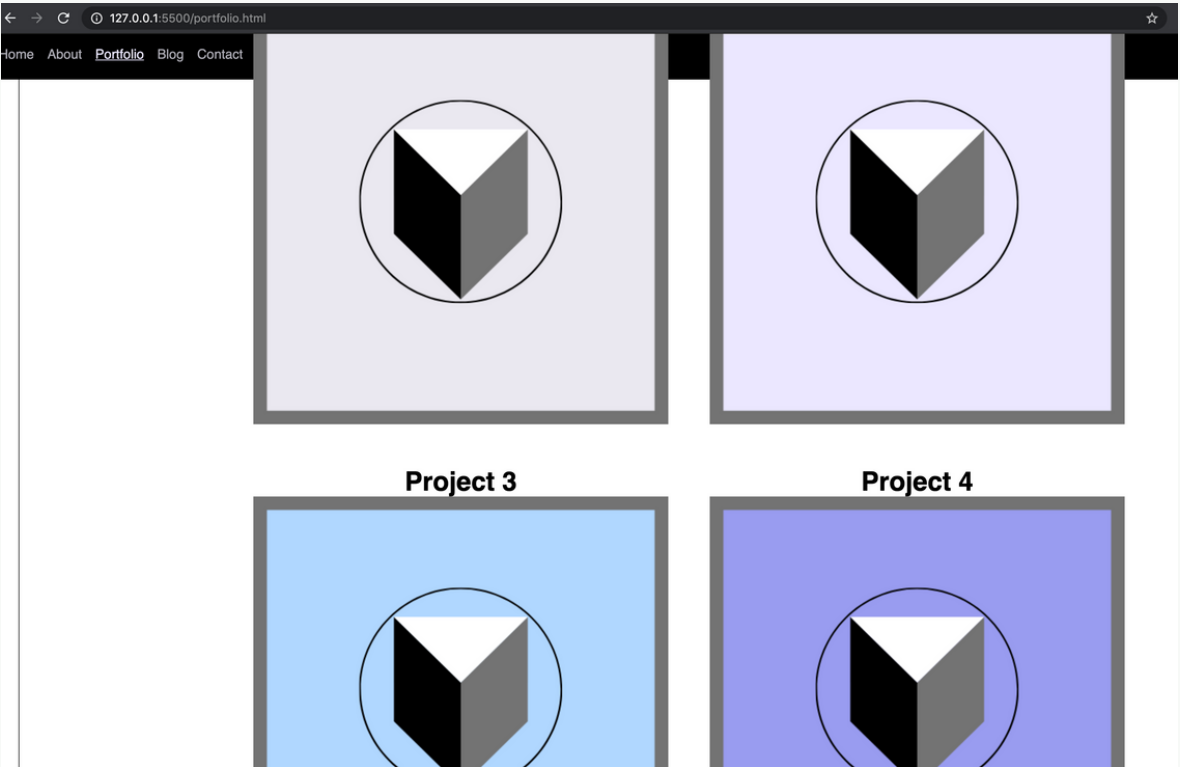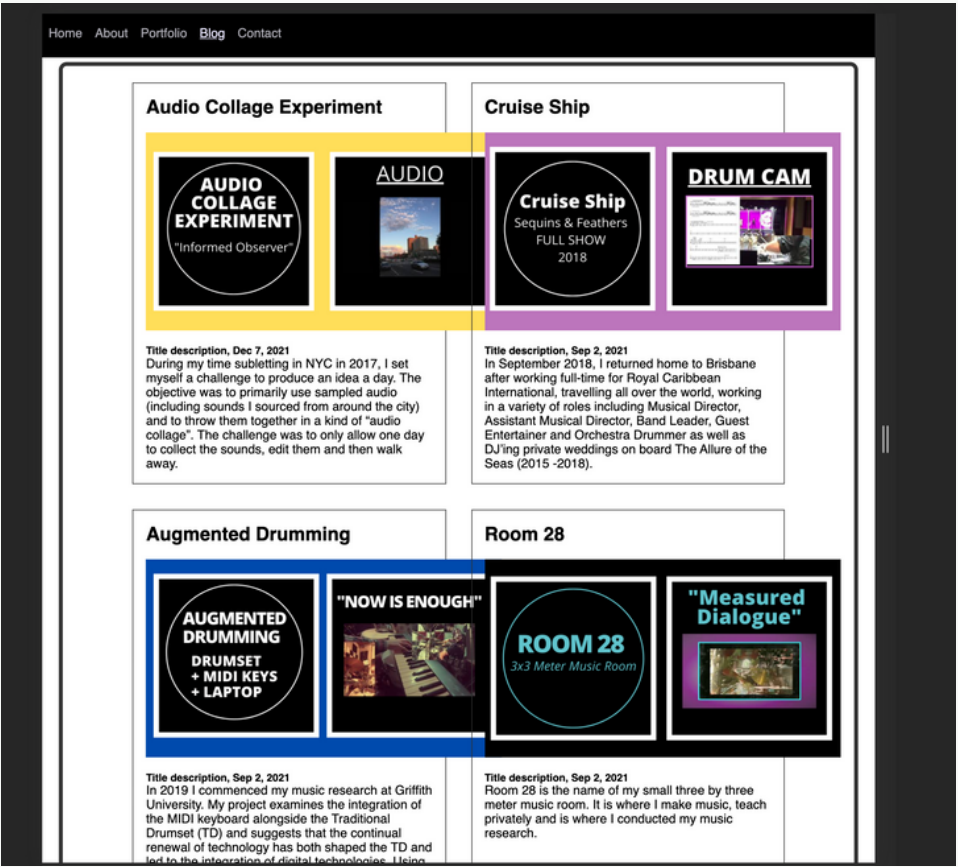
- **Designed with Figma**

Review

- **Image sizing challenges**

A couple of bugs with images responding
across multiple screen sizes.

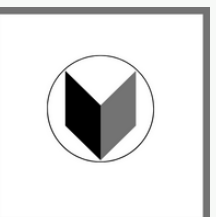These were resolved before submission.

- **No ethical issues**

- **Learning! Challenges!**

- **Clean code.**

I found no ethical issues creating this site and consider the most enjoyable aspects to be learning and over coming each challenge. Lastly, I found going through my code and tidying it up to be most fulfilling.

Thank you

Lastly, thank you to my tutors, classmates and peers for your support.