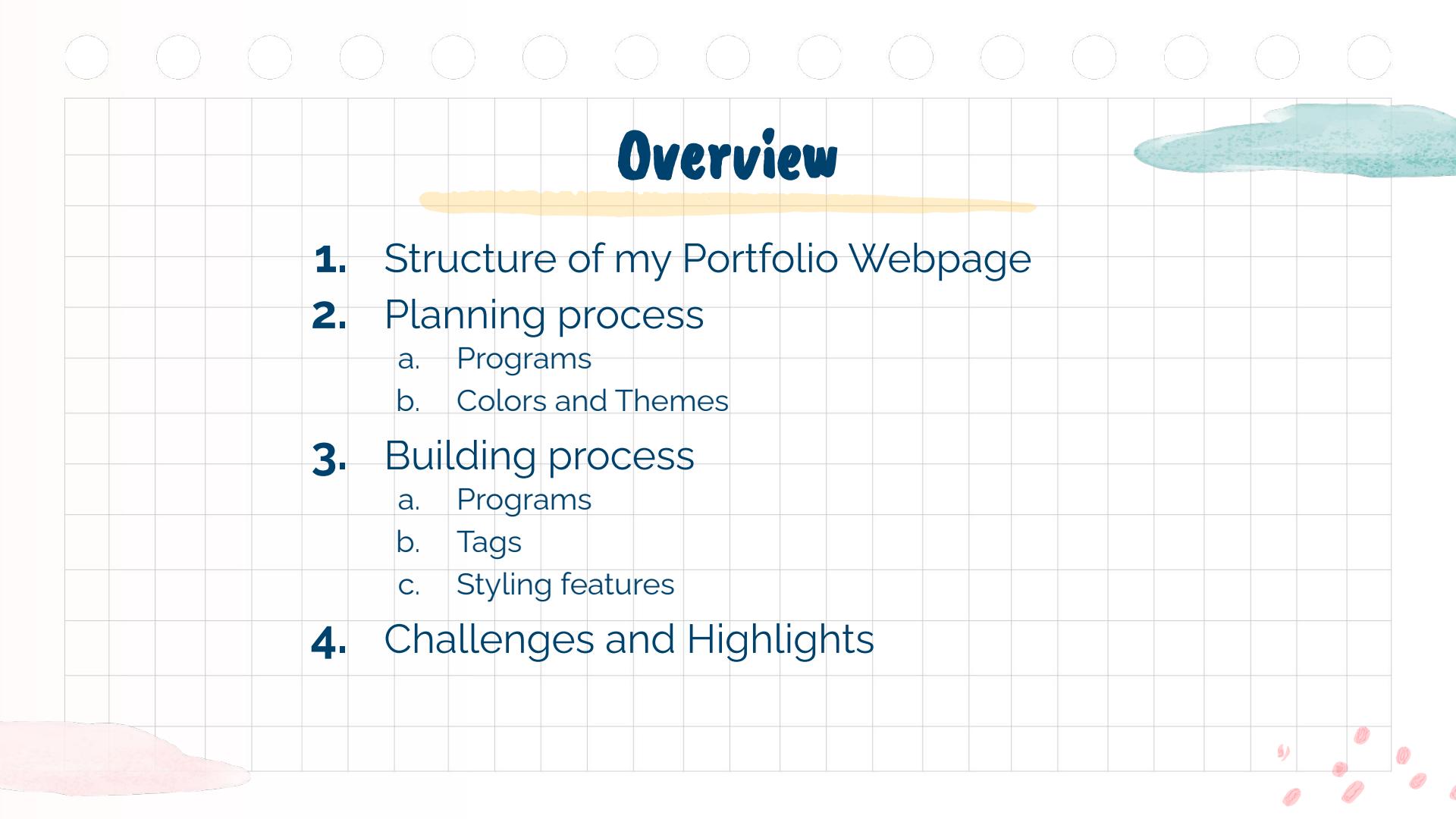


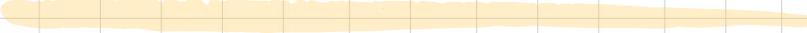


Assignment 2: Portfolio Website

By Clare O'Neil



Overview

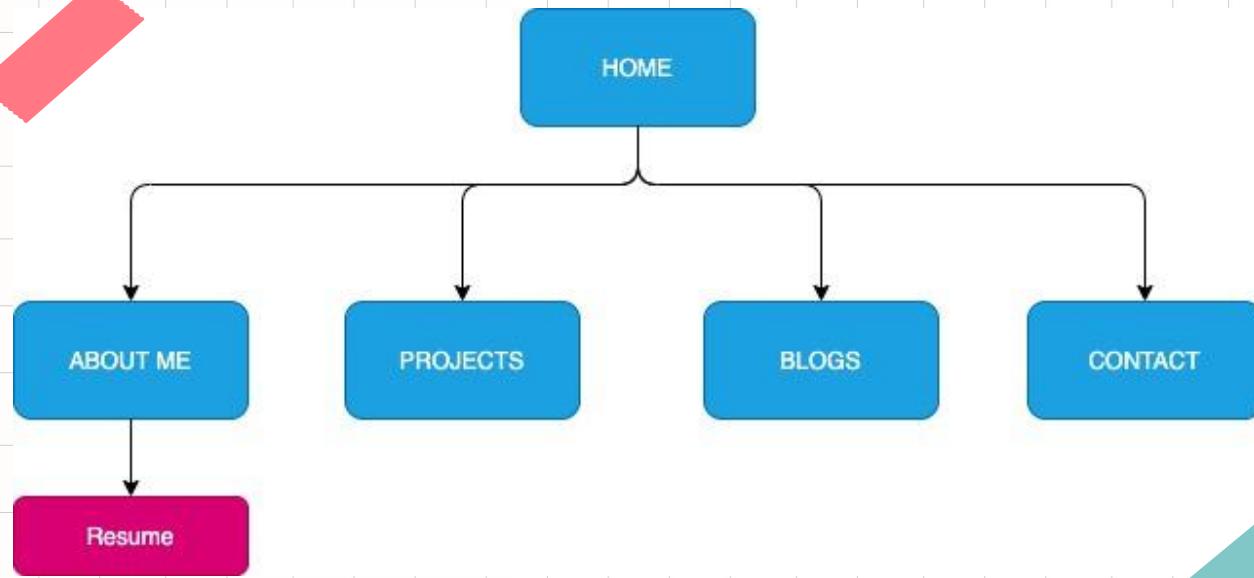


- 1.** Structure of my Portfolio Webpage
- 2.** Planning process
 - a. Programs
 - b. Colors and Themes
- 3.** Building process
 - a. Programs
 - b. Tags
 - c. Styling features
- 4.** Challenges and Highlights

01

Structure

Sitemap: Diagram



5 HTML pages

1 PDF page

Tool: draw.io

```
10 <url>
11   <loc>https://clareo-portfolio-project.netlify.app/</loc>
12   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
13   <priority>1.00</priority>
14 </url>
15 <url>
16   <loc>https://clareo-portfolio-project.netlify.app/index.html</loc>
17   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
18   <priority>0.80</priority>
19 </url>
20 <url>
21   <loc>https://clareo-portfolio-project.netlify.app/about.html</loc>
22   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
23   <priority>0.80</priority>
24 </url>
25 <url>
26   <loc>https://clareo-portfolio-project.netlify.app/projects.html</loc>
27   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
28   <priority>0.80</priority>
29 </url>
30 <url>
31   <loc>https://clareo-portfolio-project.netlify.app/blogs.html</loc>
32   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
33   <priority>0.80</priority>
34 </url>
35 <url>
36   <loc>https://clareo-portfolio-project.netlify.app/contact.html</loc>
37   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
38   <priority>0.80</priority>
39 </url>
40 <url>
41   <loc>https://clareo-portfolio-project.netlify.app/resume/Resume-ClareO.pdf</loc>
42   <lastmod>2021-04-19T11:07:35+00:00</lastmod>
43   <priority>0.64</priority>
44 </url>
```

Sitemap: xml

Tool: xml-sitemaps.com

Home Page: index.html

About Me: about.html

Projects: projects.html

Blog Posts: blogs.html

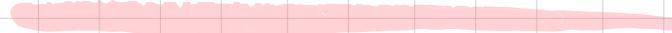
Contact Me: contact.html

Resume: Resume-ClareO.pdf

02

Planning

Programs used for Planning Process



01 **Trello**



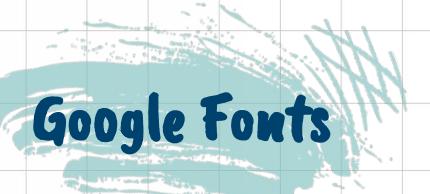
Creating task cards for organisation

02 **Balsamiq**



Wireframes

03 **Google Fonts**



Gathering fonts to go with the theme

04 **Unsplash**



Gathering Images to be used in the website

Trello

Jump to...

Board Portfolio Time for Walkies App Free Private CO Invite + Butler ... Show menu

Backlog

- HTML for Home page
- HTML for About me page
- HTML for resume page (inside About me?)
- HTML for main Blog page
- HTML for blog 1
- HTML for blog 2
- HTML for Blog 3
- HTML for blog 4

To Do

- create a GitHub Repository
- create a directory with smaller files you need for final project
- Wireframe Main page
- Create a README document

+ Add another card

In Progress

+ Add a card

Done

+ Add a card

+ Add another list

Wireframe Main page
in list Backlog

LABELS

Document Visual +

Description

Need for:
-phone
-tablet
-full screen
must include;
-verbal explanations
-multiple copies all saved

Activity

CO Write a comment...

ADD TO CARD

Members Labels Checklist Due date Attachment Cover

POWER-UPS

+ Add Power-Ups Get unlimited Power-Ups, plus much more. Upgrade team

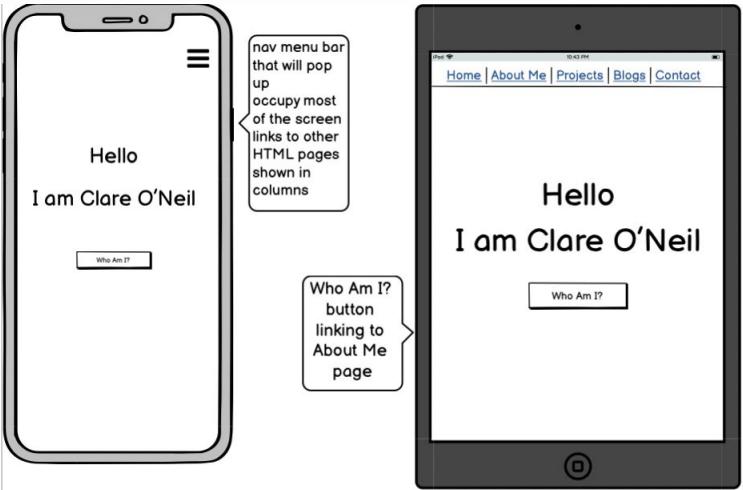
BUTLER

+ Add button

ACTIONS

→ Move

Balsamiq: Wireframes

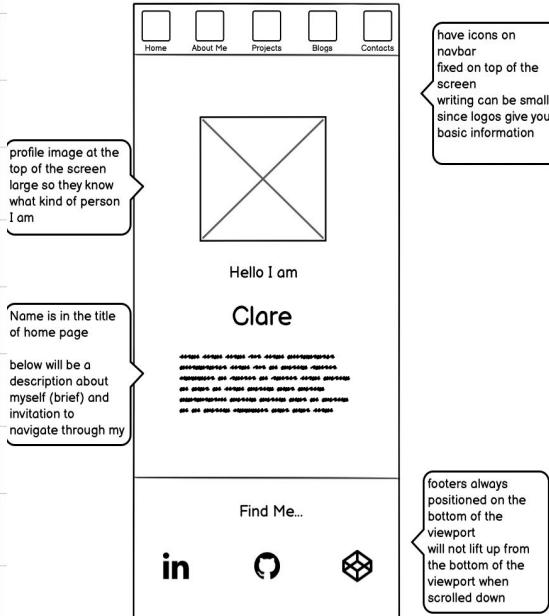


First Attempt at creating
Wireframes
- Basic Ideas

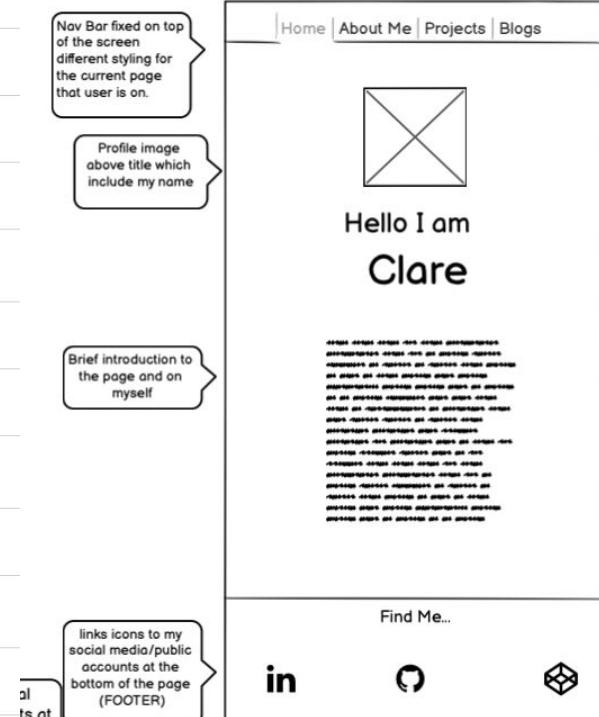
A wireframe of a desktop web browser window titled "Clare O'Neil". The address bar shows the URL "https://". The left sidebar contains navigation links for HOME, About Me, Blogs, and Projects. The main content area displays the text "Hello I am Clare O'Neil" and a "Who am I?" button. Below the content are three circular icons. The right side of the window features social media icons for email, LinkedIn, and GitHub. Several callout bubbles provide feedback: "Name included in the title of my home page", "nav bar transparent background", "Uppercase letters on the page I am on (in nav bar)", "minimal icons for external links to social", "insert my favourite song as introduction or link to spotify playlist", and "Who am I? button linked to my resume".

Wireframe: HOME

MOBILE - nav bar on top ver.

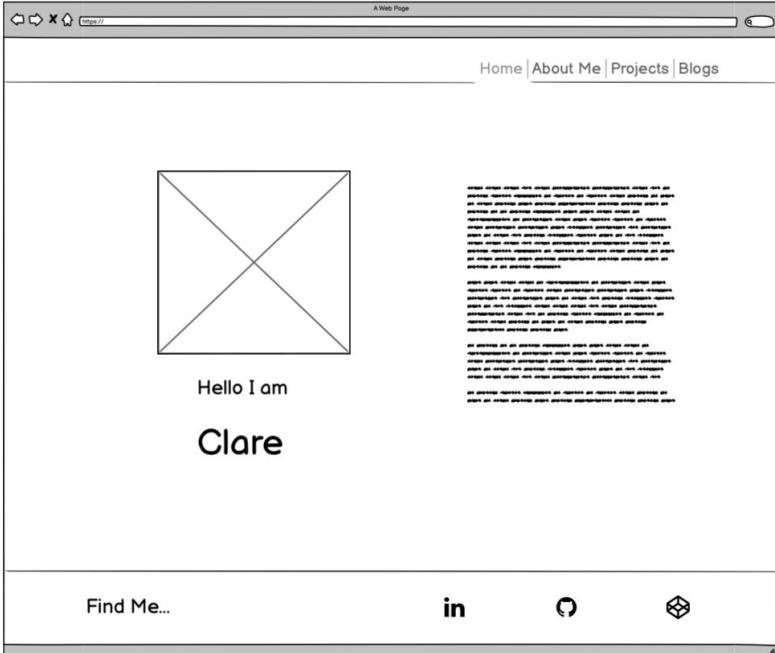


TABLET



Wireframe: HOME(cont.)

DESKTOP BROWSER/LARGER



navbar visual to look like physical tab
files
play around with borders and
background color shades to look like
we are opening this physical file

navbar fixed on top of the screen
for ipod and larger
horizontal/inline display
page you are on in a different
color/size
for desktop, when add keyframe
animation to nav links when you
hover
rotate right, then left, then back to
center (like it's wiggling)

contents of footer for the desktop is displayed all inline
icons on the left hand side

MOBILE - nav bar on top ver.

This mobile wireframe shows a navigation bar at the top with five items: Home, About Me, Projects, Blogs, and Contacts. Below the bar is a section titled "Who Am I?" containing a large square icon with an X. Underneath is a "Study History" section with dense text. The next section is "Personality + interests" with more dense text. The final section is "Skills" which contains three icons labeled "Icon Name". At the bottom is a "MY RESUME" button and a "Find Me..." section with social media icons for LinkedIn, GitHub, and a hexagon.

have icons on navbar fixed on top of the screen writing can be small since logos give you basic information

all paragraphs in columns since screen is narrow for mobile screens

Wireframe: About Me Page

TABLET

This tablet wireframe features a header with links: Home, About Me (which is highlighted), Projects, Blogs, and a search icon. Below is the "Who Am I?" section with the same layout as the mobile version. The "Skills" section is expanded to show four icons labeled "Icon Nam". A "MY RESUME" button is present. At the bottom is a "Find Me..." section with social media icons for LinkedIn, GitHub, and a hexagon.

Flexbox applied in skills section where icons wrap around in response to screen sizes

MY RESUME button: external link opens for pdf of my resume

links icons to my social media/public accounts at the bottom of the page

[NOTE]

- White text bubble is note for specific viewport width
- Yellow text bubble is note that applies to all viewport widths

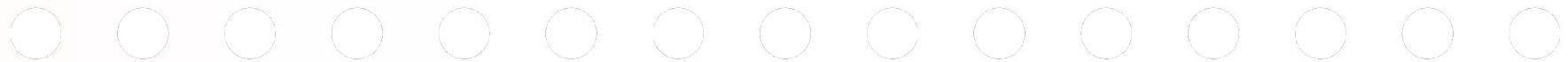
Wireframe: About Me Page(cont.)

DESKTOP BROWSER VERSION 2

A wireframe of a desktop browser window showing the 'About Me' page. The header includes a navigation bar with links: Home | About Me | Projects | Blogs | Contact. Below the header is a large section titled 'Who Am I?' featuring a placeholder profile image (a square with a diagonal cross) and a subtitle followed by a long block of placeholder text. A 'Skills' section follows, containing four skill icons with labels: 'Icon Name' (x3) and 'Icon Name' (x1). At the bottom of the page is a 'MY RESUME' button, and the footer contains a search bar labeled 'Find Me...' and social media icons for LinkedIn, GitHub, and a hexagon.

profile image large on screen to show who i am
write paragraphs on;
-study history
-personal interests

skill icons wrapped: have it spacious so it makes 2 rows
-different colored background so users can easily tell this is its own section



MOBILE

My Projects

each project-containing div has its own background give effects using :hover pseudo

Image size consistent in proportion throughout different viewports

PRJ 1
PRJ 2
PRJ 3
PRJ 4

HOME
ABOUT ME
PROJECTS
BLOGS
Find Me...
[in](#) [o](#) [d](#)

TABLET

Home | About Me | Projects | Blogs

My Projects

give hover effect on each div for tablet (some tablet users connect their mouse, and some desktop viewers make the screen narrow so it makes sense to have :hover pseudos)
make the background color change(?)
give shadow effect so it looks like it "popped out"(?)

PRJ 1
PRJ 1
PRJ 1
PRJ 1

Find Me...
[in](#) [o](#) [d](#)

Wireframe: Project Page

DESKTOP BROWSER/LARGER

A Web Page

Home | About Me | Projects | **Blogs**

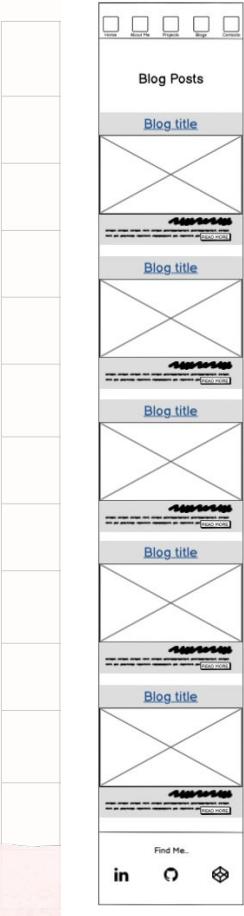
My Projects

Find Me... [in](#) [o](#) [d](#)

Add hover effects to desktop version where box shadow is applied when you hover over the project flex-item elements so when viewport width is smaller flex items will wrap around

for desktop give keyframe when each project is hovered so that they "zoom in" significantly -audience able to see the screenshot more clearly making it more interactive as this website itself is also a project

MOBILE - nav bar on top ver.



Wireframe: Blogs Page

TABLET

Home | About Me | Projects | Blogs

Blog Posts

Blog title

Read More

Find Me...

in

Scroll sideways to see all blog posts
shows first paragraph of the blog post but must click on "read more" button and jump to page with full blog post

about 1 paragraph or less of the blog content as a "preview" must press "read More" button to read full article, which will be displayed on a separate page

use flexbox's item positioning to have zig-zag placements of each article. Add animation where <div> width expands to 100% of its parent <div> when article is hovered over

Blog Posts

Blog title

Read More

Blog title

Read More

Blog title

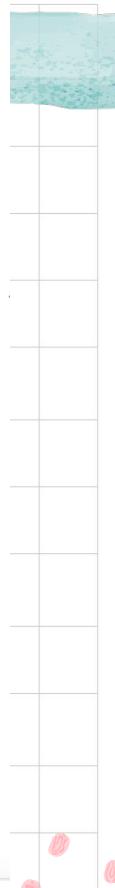
Read More

Blog title

Read More

Find Me...

in



MOBILE

nav bar in tablet shows icons with page title on its right
different color for the icon that the current page is on

Brief description about what the form is about, inviting people to give feedback and other kinds of responses

Contact Me

Your Email:
Type email here

Your Message:
Hi Clare!..

Submit

Find Me...

in Q G

This page will be the most basic page layout of all very simple and minimal

simple email form sourced from formspree

users who wishes to submit an email form must input text in both the emoji and textarea inputs (by placing required attribute in)

add placeholder in textarea disappears when textarea is clicked on

Wireframe: Contacts Page

DESKTOP BROWSER/LARGER

nav bar in desktop shows icons with page title on its right
different color for the icon that the current page is on nav items are aligned to the right of the viewport

Contact Me

Your Email:
Type email here

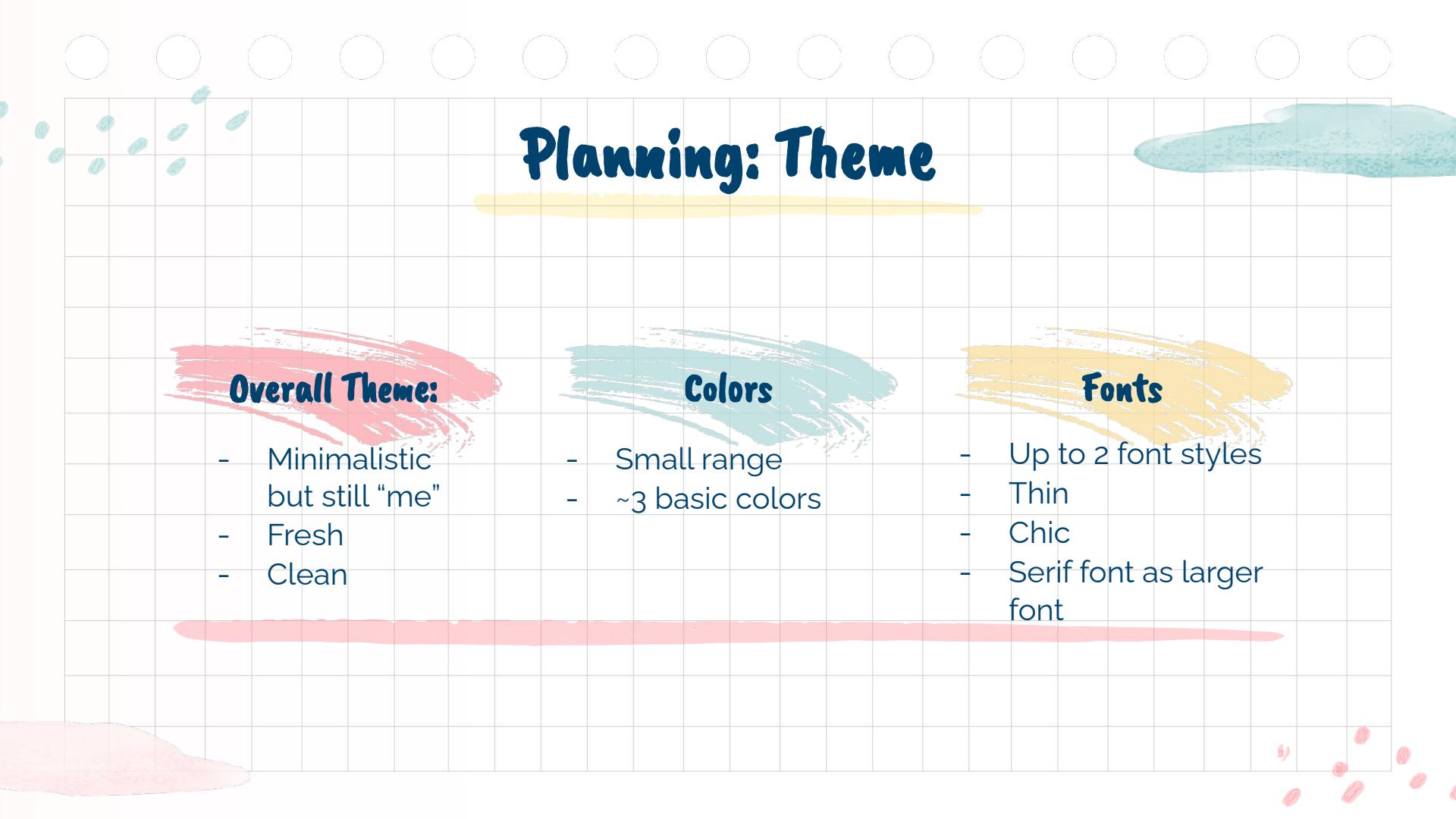
Your Message:
Hi Clare!..

Submit

Find Me...

in Q G

set maximum width for the form so it doesn't look too large on desktop.
no flexbox used



Planning: Theme

Overall Theme:

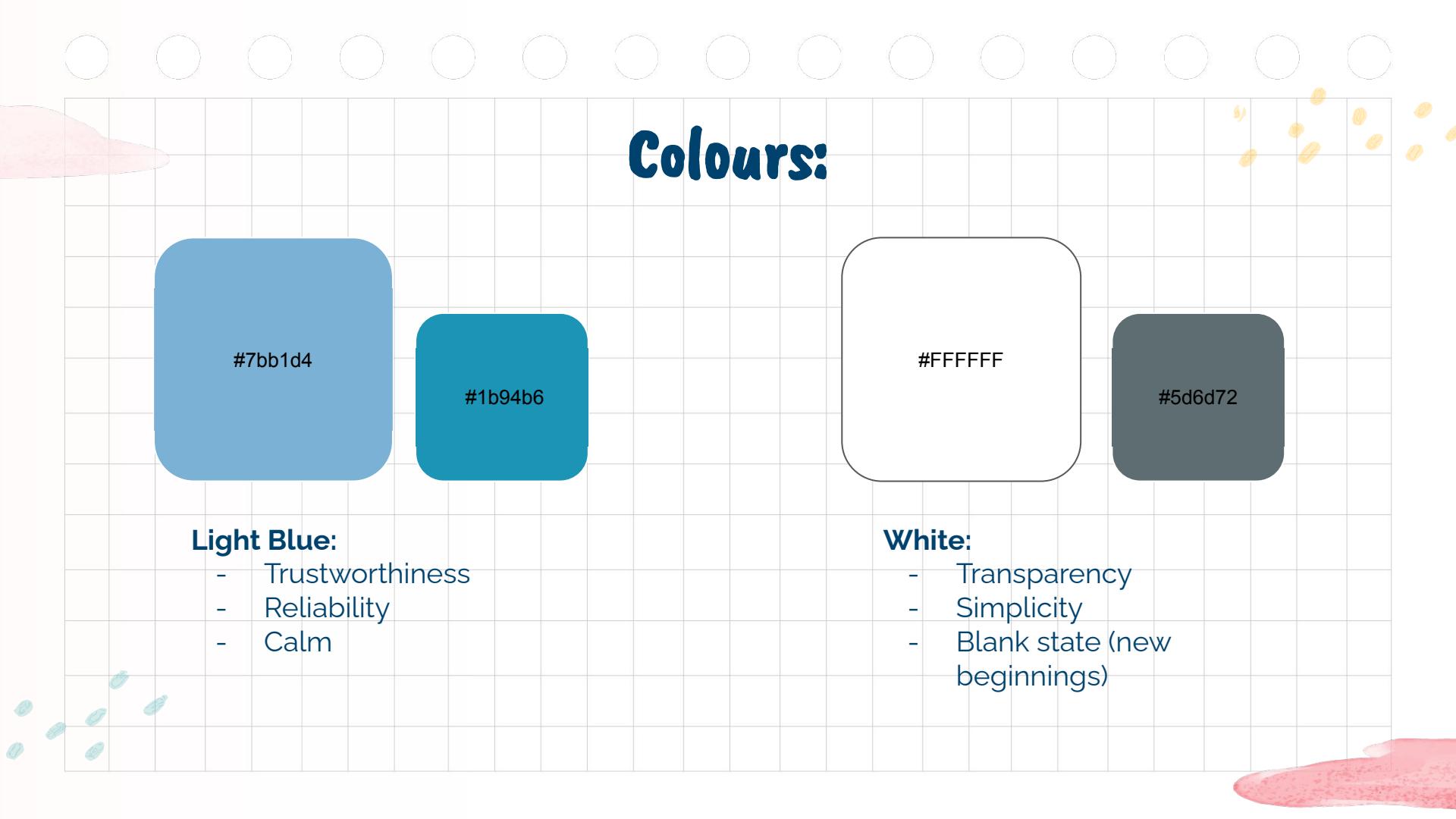
- Minimalistic but still "me"
- Fresh
- Clean

Colors

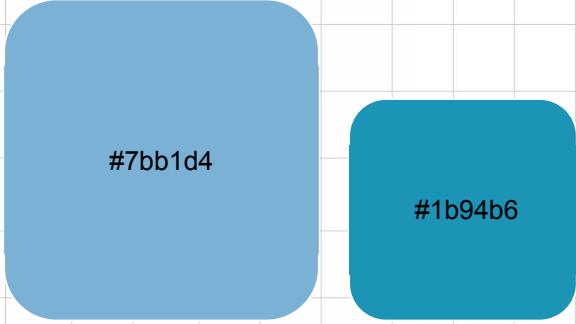
- Small range
- ~3 basic colors

Fonts

- Up to 2 font styles
- Thin
- Chic
- Serif font as larger font



Colours:

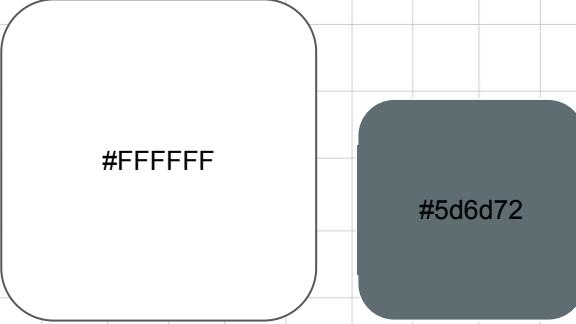


#7bb1d4

#1b94b6

Light Blue:

- Trustworthiness
- Reliability
- Calm



#FFFFFF

#5d6d72

White:

- Transparency
- Simplicity
- Blank state (new beginnings)

Fonts: Google Fonts

Playfair Display
Claus Eggers Sørensen

Hi I am Clare

Poiret One
Denis Masharov

Hi I am Clare

Tenor Sans
Denis Masharov

Hi I am Clar

Cardo
David Perry

Hi I am Clare

Trirong
Iason Demak

Hi I am Clare

Matt Bailey, Mirko Velimirovic

Hi I am Clare

Prata
Cyreal

Hi I am Clare

Old Stan
Alexey Kryi

Monts
Julieta L
Bailly

Hi I am Clare

Cormorant Garamond
Christian Thalmann

Hi I am Clare

Hi I am Clare

,,, ,,, Juan Pablo del I

Hi I am Clare

Fonts: Google Fonts

Playfair Display
Claus Eggers Sørensen

For my smaller texts

Hi I am Clare

Colret One
Denis Masharov

Hi I am Clare

Tenor Sans
Denis Masharov

Hi I am Clar

Trirong
Jeson Demak

Hi I am Clare

Matt Bailey, Mirko Velimirovic

Hi I am Clare

Prata
Cyreal

Hi I am Clare

Old Stan

Ale For my larger texts

Hi I am Clare

Monts
Julieta L
Bailly

Cormorant Garamond
Christian Thalmann

Hi I am Clare

Hi I am Clare

Hi I am Clare

Background image

Source: Unsplash

Sky

- Open space
- Dreams
- Expansiveness
- Inspiration
- "Cloud" also in tech



03

Building

Building: Tools

HTML

CSS

Sass/Sass

GitHub

HTML Features

Main Features

<nav> bar

- <i> Icons
- <a> links

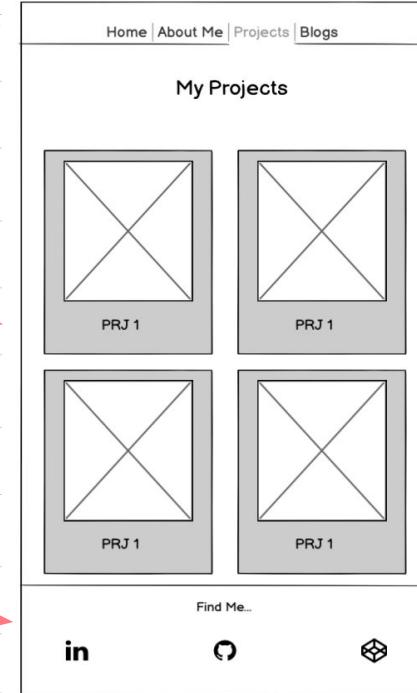
<main> content

- <h1>, <h2>, <p>
- <article>
- <header>
-
- <form>
- <section>
- <details>, <summary>
- <div> ...etc

<footer>

- Copyright
- <a> links
- <i> icons

TABLET



3.1

HTML

highlight

<details> and <summary> tags

```
<section class="blogs-child col-9" id="cambodia">
  <div class="single-blog">
    <div class="photo col-s-7">
      
    </div>
    <div class="blog-header col-s-5 flip">
      <h2>Travel Log: memories of Siem Reap, Cambodia</h2>
      <p>Published: 18-05-2019</p>
    </div>
    <div class="blog-content col-s-12">
      <details>
        <summary>Read Content</summary>
        <article>
          <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Quis reiciendis&nbsp;</p>
          <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Laborum animi, nisi, quod, ut!&nbsp;</p>
        </article>
        <button class="button"><a href="#cambodia">Return to Post Title</a></button>
      </details>
    </div>
  </div>
```

- Hides content within the **<detail>** tag
- **<summary>** contains what will always be visible

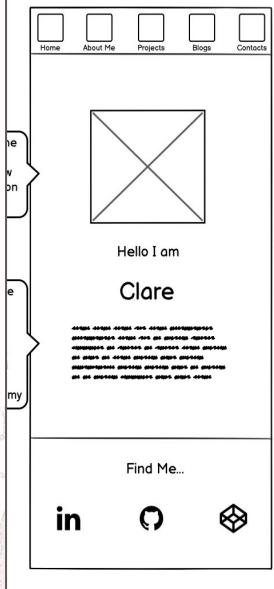


CSS/SCSS/Sass

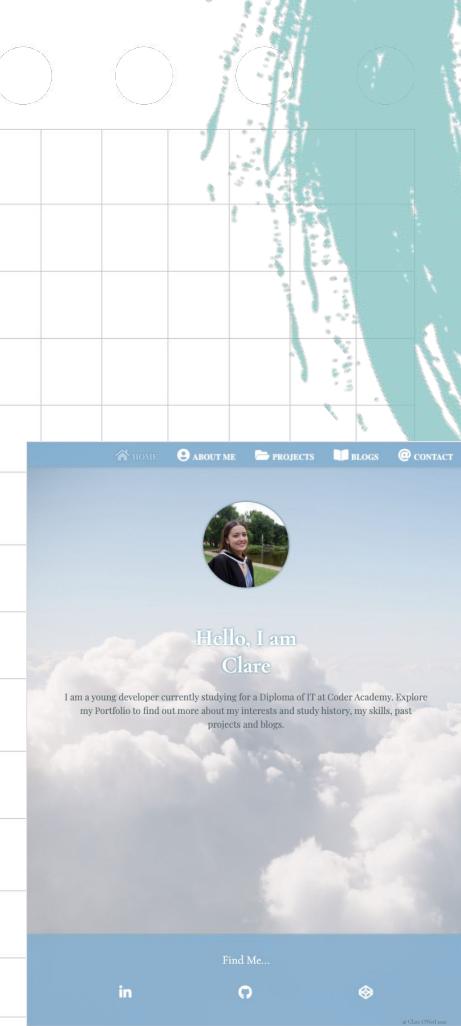
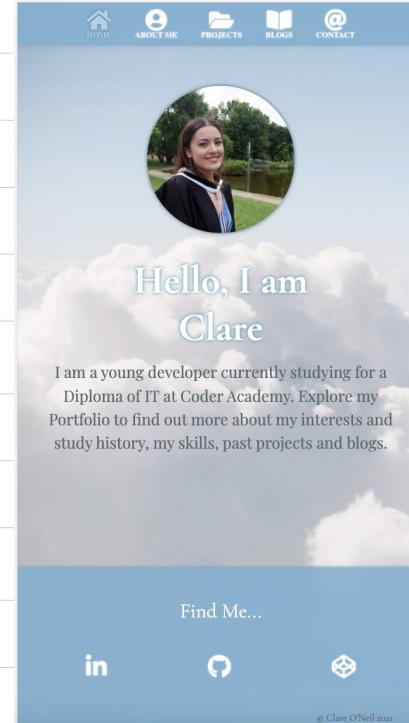
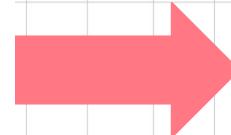


Before vs After: Home

MOBILE - nav bar on top ve

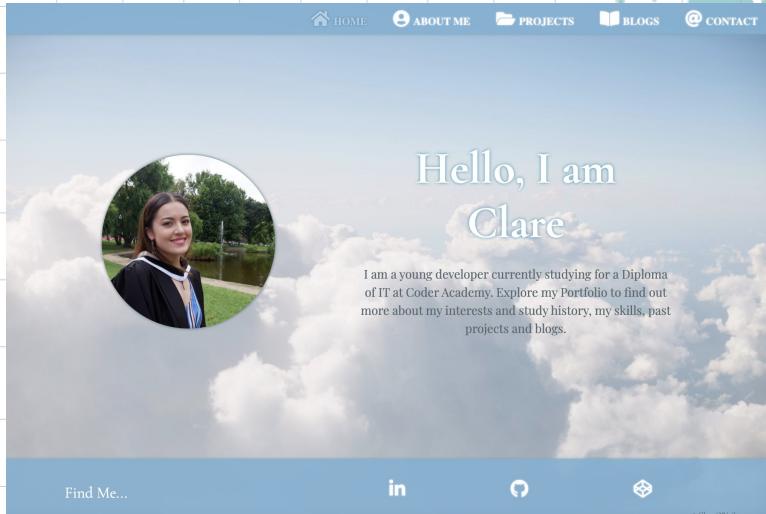
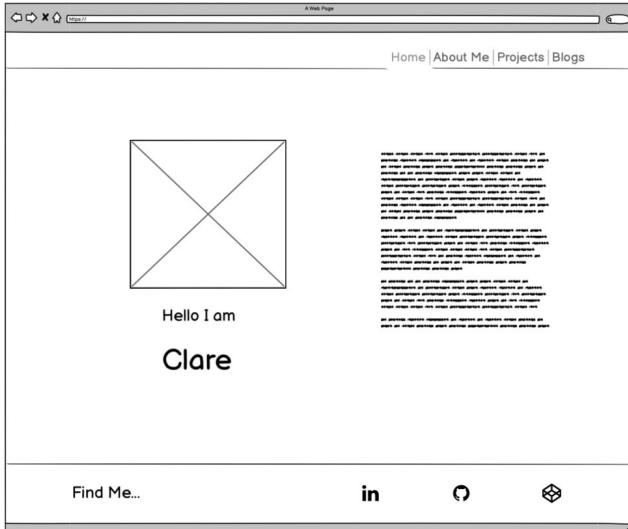


TABLET



Before vs After: Home

DESKTOP BROWSER/LARGER



Before vs After: About Me

TABLET

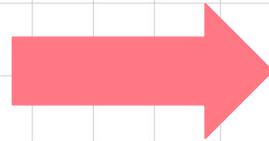
The screenshot shows a mobile website layout. At the top, there's a navigation bar with links: Home | About Me | Projects | Blogs. Below this is a section titled "Who Am I?" which contains a placeholder image (a square with an X) and a heading "Personality + interests" followed by a large amount of illegible placeholder text. Next is a "Study History" section with more placeholder text. Below these is a "Skills" section containing four items, each with an icon and placeholder text: "Icon Nam", "Icon Nam", "Icon Nam", and "Icon Nam". At the bottom of the page is a "MY RESUME" button. A "Find Me..." section follows, featuring social media icons for LinkedIn, GitHub, and a hexagon. A large red arrow points from this screen towards the right side of the image.

The screenshot shows a desktop website layout. At the top, there's a navigation bar with links: HOME | ABOUT ME | PROJECTS | BLOGS | @ CONTACT. Below this is a section titled "Who Am I?" featuring a circular profile picture of a woman. Underneath is a "My Study History" section with placeholder text. The "My Personality & Interests" section follows, with placeholder text about travel and hobbies. Below this is a "Skills" section showing icons for HTML, CSS, SASS, and Ruby. At the bottom, there's a "Want to know more?" button, a "MY RESUME" button, a "Find Me..." section with social media icons, and a footer note: "© Coder Academy".

Before vs After: About Me

DESKTOP BROWSER VERSION 2

A screenshot of a desktop browser window titled "A Web Page". The page has a header with links: Home | About Me | Projects | Blogs | Contact. Below the header is a section titled "Who Am I?" with a subtitle and a large square icon containing a diagonal cross. A "Skills" section follows, featuring four icons labeled "Icon Name" and a "MY RESUME" button. At the bottom is a "Find Me..." search bar with social media icons for LinkedIn, GitHub, and a hexagon.



A screenshot of a desktop browser window titled "Who Am I?". The page features a large circular profile picture of a woman. Below it are sections for "My Study History" (with a paragraph of text) and "My Personality & Interests" (with another paragraph). A "Skills" section at the bottom includes logos for HTML, CSS, Java, and Ruby. A "Want to know more?" button and a "MY RESUME" button are also present. The footer contains a "Find Me..." search bar and social media icons.

MOBILE - nav bar on top ver.

Home About Me Projects Blogs Contact

My Projects

PRJ 1

PRJ 2

PRJ 3

PRJ 4

Find Me...

Before vs After: Projects

TABLET

Home | About Me | Projects | Blogs

My Projects

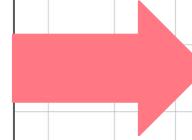
PRJ 1

PRJ 1

PRJ 1

PRJ 1

Find Me...



HOME ABOUT ME PROJECTS BLOGS CONTACT

My Projects

HOME
The Projects of Pay O'Neill

Rating Coffees around Toronto
By a non-professional coffee lover.
Mr. Jenkins Zane Mr. Personel Jim

CSS Zen Garden

Perfecting Coffee Grinds

Find Me...

HOME ABOUT ME PROJECTS BLOGS CONTACT

My Projects

HOME
The Projects of Pay O'Neill

Rating Coffees around Toronto
By a non-professional coffee lover.
Mr. Jenkins Zane Mr. Personel Jim

CSS Zen Garden

Perfecting Coffee Grinds

Find Me...

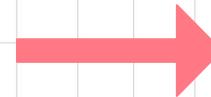
MOBILE - nav bar on top ver.



Before vs After: Blog Posts



A screenshot of a desktop browser showing a blog post. The header features a light blue background with the text 'Blog Posts' and a navigation bar with links for HOME, ABOUT ME, PROJECTS, BLOGS, and CONTACT. The main content area has a dark grey background. It displays a night photograph of a city skyline with many lights and boats in the water. Below the image is the title 'Travel Log: Memories of Vancouver, Canada' and the publication date 'Published: 04-09-2020'. A 'Read Content' button is visible. At the bottom is a smaller image of a daytime cityscape with the CN Tower.



A screenshot of a desktop browser showing the same blog post after a redesign. The header now has a light blue background with white text and icons. The main content area has a white background. The night photograph of the city skyline remains the same. The title 'Travel Log: Memories of Vancouver, Canada' and publication date 'Published: 04-09-2020' are still present. A 'Read Content' button is visible. The bottom image of the cityscape with the CN Tower is also identical to the previous version.

Before vs After: Projects

TABLET

Home | About Me | Projects | Blogs

Blog Posts

Blog title

Read More

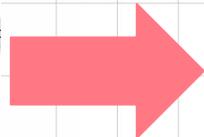
Find Me...

in

Q

Geometric icon

Scroll sideways to see all blog posts
shows first paragraph of the blog post but must
click on "read more" button and jump to page
with full blog post



HOME ABOUT ME PROJECTS BLOGS CONTACT

Blog Posts

Travel Log: Memories of Vancouver, Canada
Published: 04-09-2020

Travel Log: Memories of Toronto, Canada
Published: 06-08-2020

Travel Log: Memories of Montréal, Canada
Published: 18-07-2020

Travel Log: memories of Siem Reap, Cambodia

Siem Reap, Cambodia
Published: 18-05-2019

Travel Log: Memories of Ho Chi Minh, Vietnam
Published: 15-05-2019

Find Me...

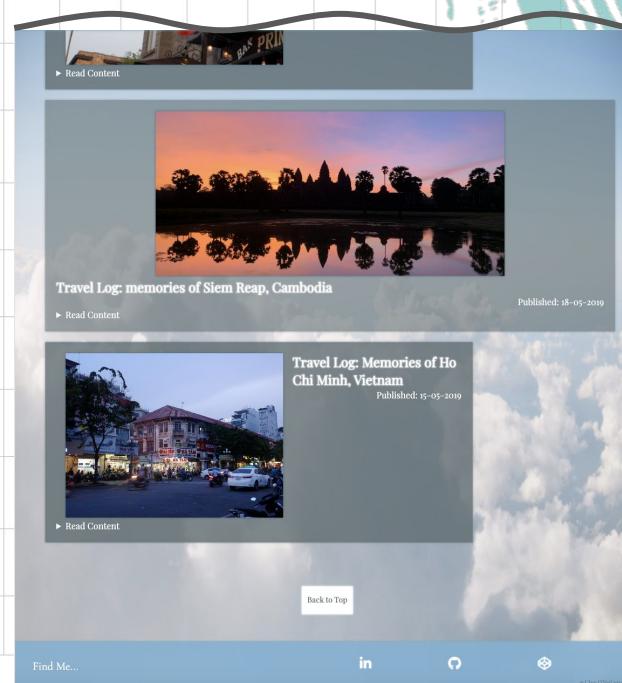
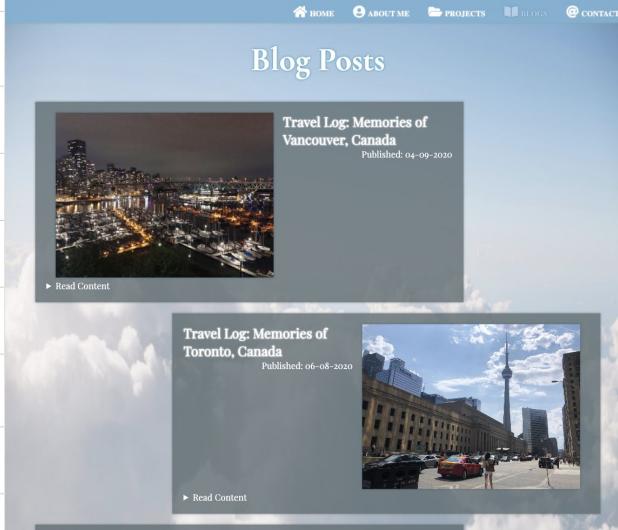
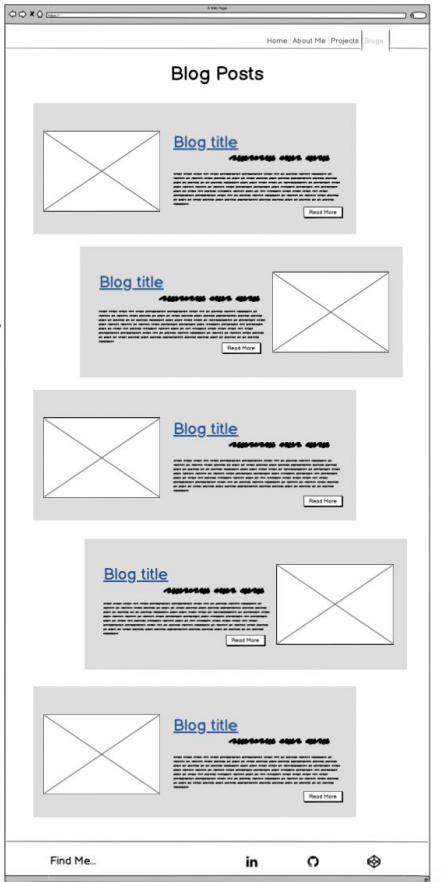
in

Q

Geometric icon

Before vs After: Projects

DESKTOP BROWSER



Before vs After: Contact

TABLET

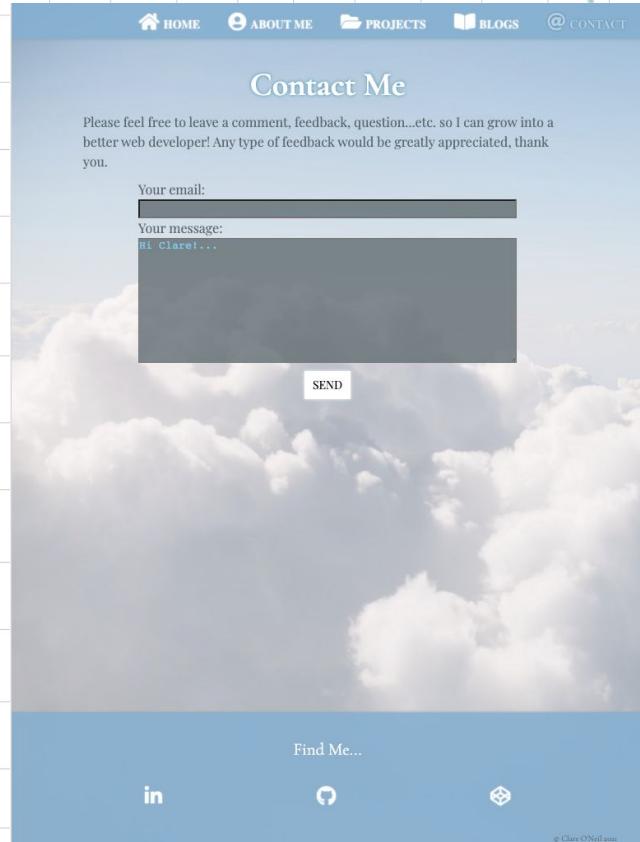
Contact Me

Your Email:
Type email here

Your Message:
Hi Clare!...

Submit

Find Me...
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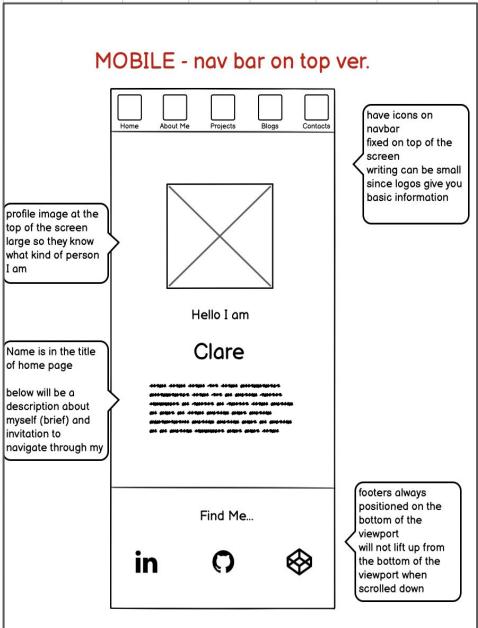


3.2

css highlights

display: grid; for <body>

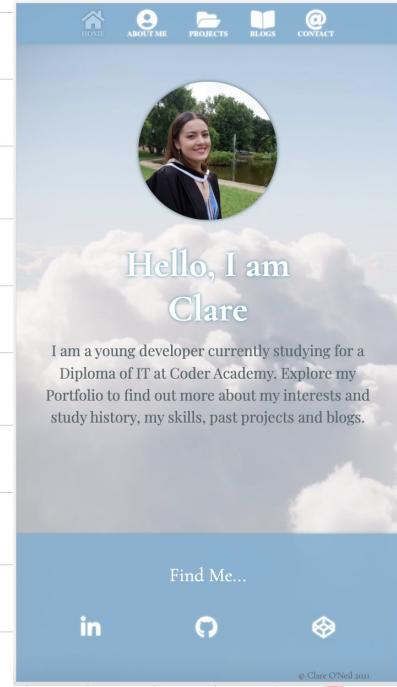
What I wanted;



What I coded;

```
body {  
    font-family: $smallfont;  
    background: url(..../images/cloud-background.jpg);  
    background-size: auto 100%;  
    background-repeat: no-repeat;  
    background-attachment: fixed;  
    background-position: left top;  
    min-height: 100%;  
    display: grid;  
    grid-template-areas:  
        "nav"  
        "main"  
        "footer";  
    grid-template-rows: 2.7rem 1fr 10rem;  
    grid-template-columns: 100vw;  
}
```

What I achieved;



Variables and Mixins

```
//variables  
$largefont: 'Cormorant Garamond', serif;  
$smallfont: 'Playfair Display', serif;;  
$transparent-color: rgba(123, 177, 212, 0.9);  
$text-color: #rgb(89, 107, 112);  
$blur-shadow: 0 0 4px #rgb(63, 102, 112);  
$div-background: #rgba(93, 109, 114, 0.8);  
$white-glow: 0 0 3px #rgb(255, 255, 255);  
  
//mixins  
  
@ mixin glowy-text {  
    color: #rgb(255, 255, 255);  
    text-shadow: 0 0 4px #rgb(27, 148, 182);  
}  
  
@ mixin glowy-box ($bkg-color:#rgb(255, 255, 255)){  
    background: $bkg-color;  
    box-shadow: 0 0 4px $bkg-color;  
}  
  
@ mixin regular-text {  
    color: $text-color;  
    line-height: 1.5;  
}  
  
@ mixin icon-glow ($color: #rgba(255, 255, 255, 0.9)) {  
    color: $color;  
    text-shadow: 0 0 2px $color;  
}  
  
@ mixin white-button {  
    line-height: 2.5rem;  
    margin: 2.5rem 0;  
    padding: 5px 10px;  
    font-family: $largefont;  
    font-size: 14ox;
```



Keyframes

- Relied on keyframes for smoother transitions
- Used frequently along with :hover pseudo to make the webpage more interactive
- Reverse-keyframes and cascading ordering of style input

```
style.scss          projects.scss •      blogs.html      ...      variables.scss ×
css > partials > variables.scss > @keyframes expand-reverse
102
103 @keyframes button-expand {
104   100% {
105     padding: 5px 20px;
106     box-shadow: $blur-shadow;
107   }
108 }
109 @keyframes div-expand {
110   100% {
111     width: var(--endWidth);
112   }
113 }
114 @keyframes div-expand-reverse {
115   from {
116     width: var(--endWidth);
117   }
118   to {
119     width: var(--startWidth);
120   }
121 }
122 @keyframes expand {
123   100% {
124     transform: scale(var(--scale));
125   }
126 }
127 @keyframes expand-reverse {
128   from {
129     transform: scale(var(--scale));
130   }
131   to {
132     transform: scale(1);
133   }
134 }
135 }

projects.scss > {} @media only screen and (min-width: 600px) {
  .project-child:hover {
    --scale: 1.02;
    animation: expand 0.5s forwards;
    animation-timing-function: ease-out;
  }
}

.project-child {
  --scale: 1.02;
  animation-name: expand-reverse;
  animation-duration: 0.5s
}

/* For desktop: */
.project-container {
  min-height: 50vh;
  justify-content: flex-start;
  flex-wrap: nowrap;
  align-items: center;
}

.project-child:hover {
  --endWidth: 80%;
  animation: div-expand 1s forwards;
  animation-timing-function: ease-out;
  .project-title {
    --scale: 1.55;
    animation: expand 1s forwards;
    animation-timing-function: ease-out;
  }
}

.project-child {
  min-height: 120px;
}
```

Keyframes

- <div> expands gradually over 1s when hovered
- Text underline appears to indicate external link
- Gradually shrinks back to original when “unhovered”

My Projects

HOME
Rating Coffees around Toronto
CSS Zen Garden
Perfecting Coffee Grinds

Find Me... in @ CONTACT

My Projects

CSS Zen Garden
The Beauty of CSS Design

The Road to Enlightenment

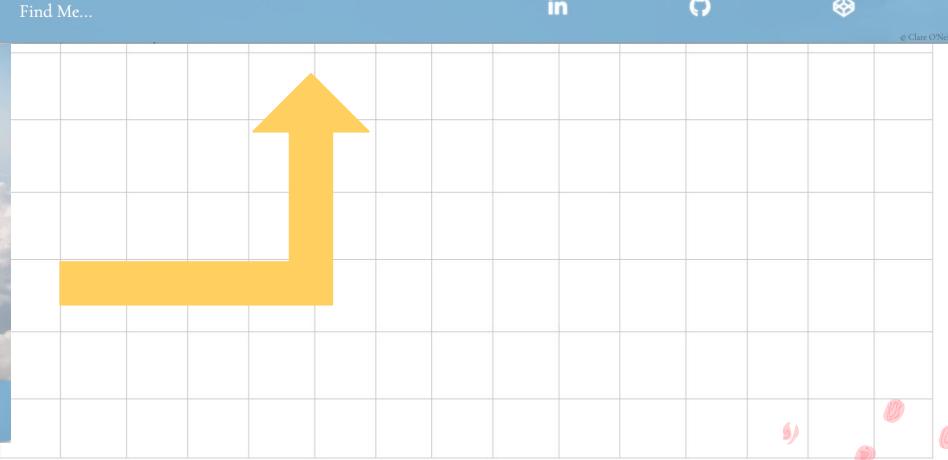
So What is This About?

Participation

View This Design's CSS
CSS Resources
Submit a Design
Template

CSS Zen Garden

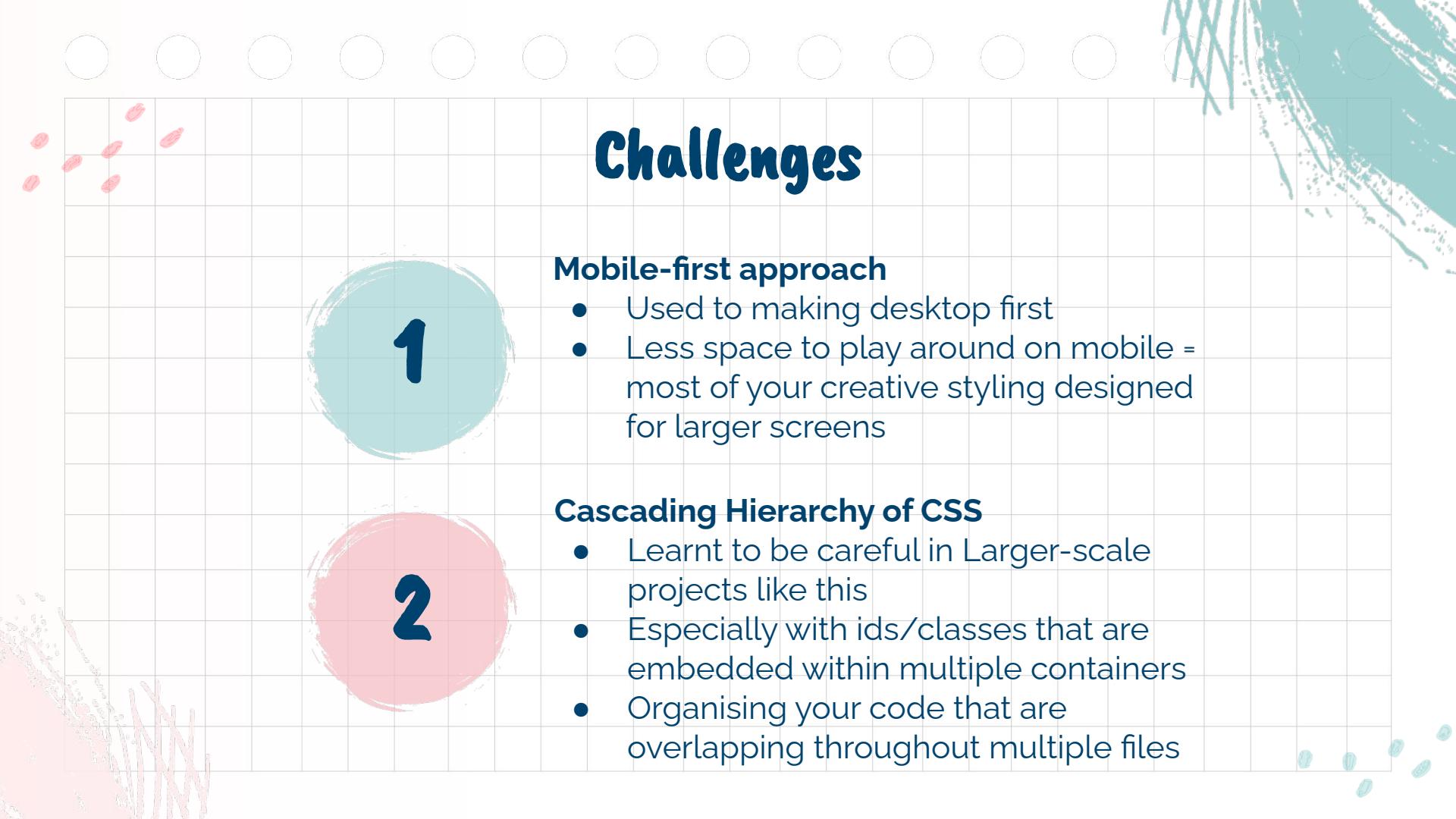
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04

Challenges &

Highlights



Challenges

Mobile-first approach

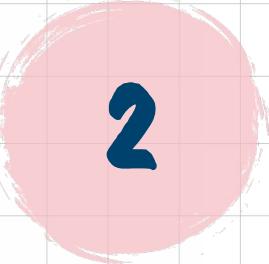
- Used to making desktop first
- Less space to play around on mobile = most of your creative styling designed for larger screens



1

Cascading Hierarchy of CSS

- Learnt to be careful in Larger-scale projects like this
- Especially with ids/classes that are embedded within multiple containers
- Organising your code that are overlapping throughout multiple files



2

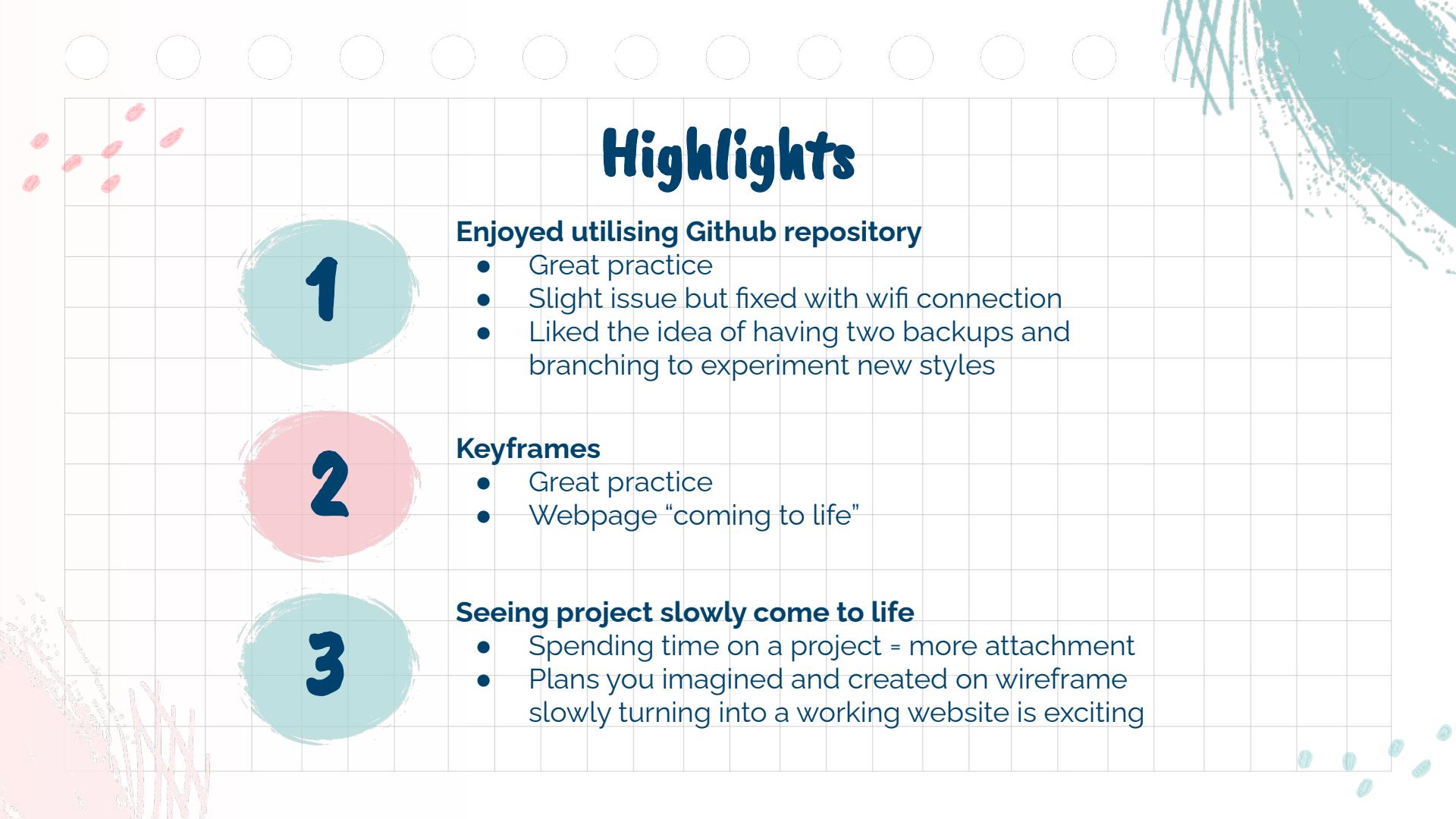
Challenges

Footer layout struggle

- Struggled to prevent footer from lifting off of the bottom of viewport
- Fixed with Grid Layout

Using logos

- E.g. LinkedIn Logo
- Unsure where to get logo from without breaching guidelines
- Google icons vs font awesome



Highlights

1

Enjoyed utilising Github repository

- Great practice
- Slight issue but fixed with wifi connection
- Liked the idea of having two backups and branching to experiment new styles

2

Keyframes

- Great practice
- Webpage "coming to life"

3

Seeing project slowly come to life

- Spending time on a project - more attachment
- Plans you imagined and created on wireframe slowly turning into a working website is exciting

Thank you :)





Thanks!



Do you have any questions?

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