

GEORGIE MCHARDIE

A4 DIGITAL PORTFOLIO SPECIFICATIONS

—

By Georgia McHardie



Introduction

This paper contains an overview of an improved design plan for the website that contains my personal portfolio. It has up-to-date site maps that illustrate how the various pages and files on the website are connected to one another. The testing procedures, in addition to the design requirements, are discussed. A written plan that outlines the CSS3 and HTML code for the most important components is included as part of this package.

[Site Link](#)

[Source code](#)

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Design & Development Requirements

This website has been created with the intention of showcasing my professional skills, areas of experience, and body of work to prospective employers, businesses, and any other parties who may be interested. It contains an introduction to myself, as well as a character reference, disciplines studied in university, development experience, and finished projects. A QR code provides access to a downloadable version of my whole resume. After the site has been hosted, the link to it may be included in a cover letter or resume. For those who work in web design and development, having a portfolio website is becoming an increasingly necessary requirement.

The following updated requirements have been recognised as critical to the effective design and development of a website for the intended purpose.

→ Home Page - index.html

- ◆ Nav
- ◆ Name & Short description

→ About Me Page - gmchardie_A4_about.html

- ◆ Nav
- ◆ Blurb about professional experience, values and goals
- ◆ Character reference

→ Resume Page - gmchardie_A4_resume.html

- ◆ Nav
- ◆ Education experience
- ◆ Work experience
- ◆ QR code resume download
- ◆ Links to Github and Linkedin
- ◆ Hobbies
- ◆ University subjects

→ Web Skills Page - gmchardie_A4_webskills.html

- ◆ Nav
 - ◆ Descriptions of experience with skills
 - ◆ Percentage representations of skill capabilities
- Projects Page - gmchardie_A4_projects.html
- ◆ Nav
 - ◆ Photos of completed projects
 - ◆ Descriptions of skills used in each project
 - ◆ Links to relevant project pages
 - ◆ Links to github repositories for each project
- Symposium Planner (Balsamiq) Page - gmchardie_A4_skill_balsamiq.html
- ◆ Nav
 - ◆ Links to github repositories for each project
- Karuna (Java) Page - gmchardie_A4_skill_java.html
- ◆ Nav
 - ◆ Links to github repositories for each project
- Hot Hot Holes (MERN Stack) Page - gmchardie_A4_skill_MERN.html
- ◆ Nav
 - ◆ Links to github repositories for each project
- LibU (Ruby on Rails) Page - gmchardie_A4_skill_rails.html
- ◆ Nav
 - ◆ Links to github repositories for each project
- Zephyr Motors e-newsletter form (Javascript) Page - gmchardie_A4_skill_javascript.html
- ◆ Nav

- ◆ Links to github repositories for each project
- Contact Page - gmchardie_A4_contact.html
 - ◆ Nav
 - ◆ Contact form
 - ◆ Contact details

The website is simple to use, and it has an easy-to-understand user interface and evident menu structure. The navigation has been changed to provide a burger menu option for the user to choose from. The design is the same across all of the pages.

Each piece of data is organised in a way that makes sense to the user and is given to them in a logical style. This may be seen on the Projects Page, which organises each project and its information by making use of expanding cards and providing connections to the pages that are most pertinent to each project. It has been made easier to effectively transmit the content by providing a user-friendly experience that makes use of graphics, text, and design in addition to other applicable resources. This can be noticed on most sites by the use of a "aside" section to break up huge sections of text and show an appropriate image. This is done in order to improve readability.

The design and development of the website made use of a number of different applications, including [Canva](#), [Miro](#), [Balsamiq VSCode](#), [Flex Box Generator](#), and [Formspree](#). HTML5, CSS3, and Javascript are the languages that are utilised for the coding. [Font Awesome](#) is used in the rendering of the icons. [Github](#) has been used to host the website. As the developer, it is my responsibility to keep them maintained and up to date.

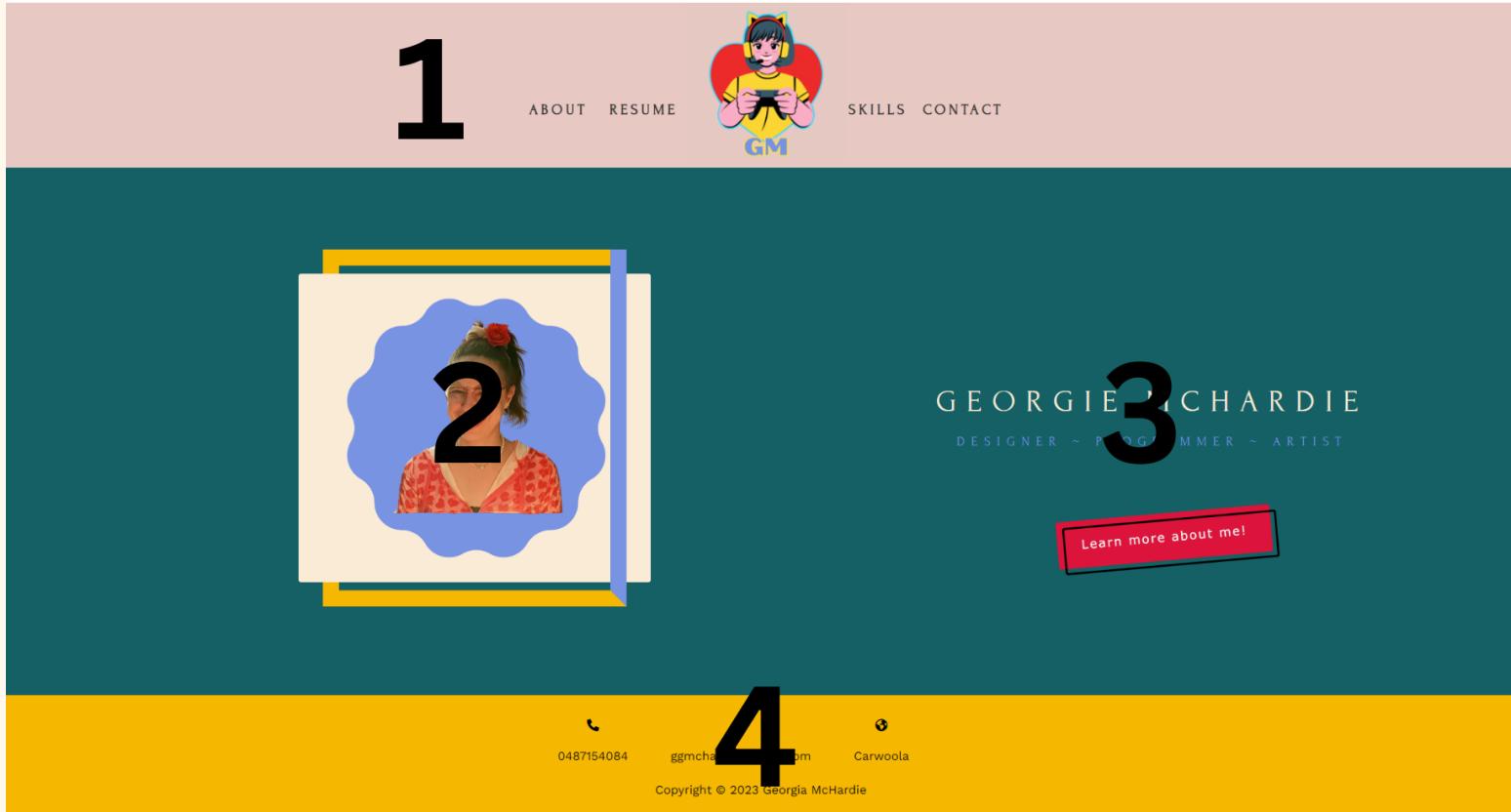
CSS Layout

Overview

CSS3 was used in the development of the website's structure. The styling of each and every page on the site was accomplished via the incorporation of an external style sheet, which can be found in a CSS folder with the name style.css. A little amount of inline styling has been applied to specific components that are repeated across several pages. Print styles also make use of an external style sheet, which can be found in the CSS folder and is referred to by its filename, print.css. Any adjustments that were made to the external style sheet have been implemented across the board wherever they were deemed necessary. Because of this, it is easy for the developer to provide maintenance and upgrades. This can be seen by looking at the layout of many of the pages, which use the <aside> and <main> templates.

Full descriptions of layout choices begin on the next page

Home page layout



1	Header with nav & logo	Width 100%
2	Image with animated border	Flex box to align with title, space between
3	Title with descriptive words	Flex box to align with image, space between
4	Footer with contact links	Flex box to align on one line, items aligned centre

About page layout

1

ABOUT ME

I am a computer science student/programmer with a background in both library & information services and education. I have worked as a library assistant in the public and private sectors, also as a learning support aide in the public school system.

My experiences in these different areas has motivated me to use the skills and opportunities available to me to help others. I hope to start my career based upon this.

In 2019 I completed a Diploma of Information Technology at [Coder](#). I went on to start a Bachelor of Computer Science and minor of Technology at [Swinburne](#). After the outbreak of COVID I transferred to Charles Sturt University. I will be graduating at the end of 2022.

2

3

1	Title with animated border	Flex box, justify center
2	Photo	Flex box, space between
3	Blurb <p>	Flex box, space between
4	<p> with animated border	Flex box, justify center

4

"Georgie and I have been acquaintances for a long time. She is one of the most committed, industrious, and creative persons I've ever had the pleasure of meeting. She is very sympathetic and caring, and she never passes up a chance to help others. Georgie is the sort of person you want to be around to maintain a level head in a stressful situation, and her upbeat demeanour is infectious."

- Merilyn Crofts

0487154084 ggmchardie@gmail.com Carwoola

Resume page layout

RESUME

EDUCATION

- Charles Sturt University | 2020-2023
Bachelor of Computer Science
- University Technology Sydney | 2020
Bachelor of Computer Science
- Coder Academy | 2019
Diploma of Information Technology
- Canberra Girls Grammar | 2012
Year 12 certificate

WORK

- Milton Farm shop | 2017 - 2018
Milton Farm shop is an organic produce shop located in Milton NSW. Everything available is sourced from farms within a 10km radius from Milton. During my time

BEST SUBJECTS

Subject Code	Subject Name	Result
LAW222	Technology Law	High Distinction (85%-100%)
ITC204	Human Computer Interaction	High Distinction (85%-100%)
ITC358	Cyber Security	Distinction (75%-84%)
ITC303 & ITC309	Software Development Project 1 & 2	Distinction & Distinction (75%-84%)

HOBBIES & INTERESTS

HARRY POTTER ART GAMING ARCHERY KNITTING BUDDHISM

1	Aside section with photo	Float left
2	Main section timeline	Float right
3	Main section table	Float right
4	Main section Hobbies	Float right, display block

Web Skills page layout



SKILLS DESCRIPTIONS

I. Javascript

1

I developed a MERN stack React application for online ordering while completing my Diploma. This included how to set up an application's backend using Node.js and express. In addition, I learned how to construct and style the front end, connect it to the backend, and pass state with Redux.

II. Android Studios

Whilst completing my degree, a team and myself developed an android application using facial recognition called Karuna. The purpose of this application was to...

WEB SKILLS

2

Front End Experience
HTML5 - 100%
<div style="width: 100%; background-color: #00aaff; height: 10px;"></div>
CSS/SASS - 95%
<div style="width: 95%; background-color: #00aaff; height: 10px;"></div>
JavaScript - 95%
<div style="width: 95%; background-color: #00aaff; height: 10px;"></div>
Redux - 80%
<div style="width: 80%; background-color: #00aaff; height: 10px;"></div>

Frameworks Experience
Bootstrap - 85%
<div style="width: 85%; background-color: #00aaff; height: 10px;"></div>
React - 80%
<div style="width: 80%; background-color: #00aaff; height: 10px;"></div>

1	Aside section with photo	Float left
2	Main section graph	Float right

Projects page layout



DESCRIPTION

1

I worked on numerous projects while earning my diploma and bachelor's degree. Click on any of the images to learn more about my favourite projects. All of my source code for each project is available on my Github profile, which is linked below.

CLICK BELOW TO VIEW ALL MY PROJECTS ON GITHUB



PROJECTS

2



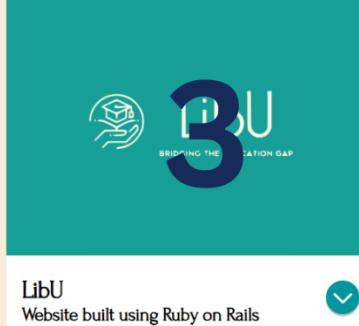
Symposium Planner
Balsamiq Design



Karuna
Android app built in Java



hot hot holes
Web App built using MERN Stack



LibU
Website built using Ruby on Rails



PROJECTS



Symposium Planner
Balsamiq Design

An online booking system for a symposium/conference using Balsamiq design software

4



Karuna
Android app built in Java



projects. All of my source code for each project is available on my Github profile, which is linked below.

CLICK BELOW TO VIEW ALL MY PROJECTS ON GITHUB



1

Balsamiq Design

Android app built in java

The image shows three Balsamiq wireframe designs side-by-side. The first design, titled 'Hot Hot Holes', features a large blue number '3' with a hole in the center, surrounded by red flames, and the text 'hot hot holes'. The second design, titled 'LibU', features a large blue number '3' with a small circular icon above it, and the text 'LibU BRIDGE THE EDUCATION GAP'. The third design, titled 'Zephyr Motors e-newsletter form', features a blue sports car on a dark background with a large green number '3' overlaid, and the text 'Zephyr Motors e-newsletter form'.

Hot Hot Holes
Web App built using MERN Stack

LibU
Website built using Ruby on Rails

Zephyr Motors e-newsletter form

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Carwoola

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5

Component #	Description	Component selector/s	Layout CSS
1	Aside section containing image, description and Github link	<aside>	.aside <ul style="list-style-type: none"> • float left
2	Main section containing heading 1	<main> <h1>	.main h1 <ul style="list-style-type: none"> • text-align: center
3	Main section containing card components	<main> <card>	.main <ul style="list-style-type: none"> • float right
4	Expandable card component	<div class="card-flap">	.div.card div.card-flap <ul style="list-style-type: none"> • position: absolute; • width: 100%; • transform-origin: top;
5	Footer containing phone, email and maps link	<footer> <contact>	.footer <ul style="list-style-type: none"> • text-align: center; .contact <ul style="list-style-type: none"> • display: inline-flex;

Balsamiq page layout

This wireframe illustrates a user interface for a symposium planner. It features a large circular icon with a smiley face at the top. Below it is a large green number '1' with the word 'DESCRIPTION' written vertically next to it. A red rectangular button labeled 'GO BACK' is positioned in the top left corner. The main content area contains a paragraph of text describing the creation of an online booking system for a symposium using Balsamiq. At the bottom, there is a section titled 'VIEW RELATED DOCUMENTS' followed by a QR code.

DESCRIPTION

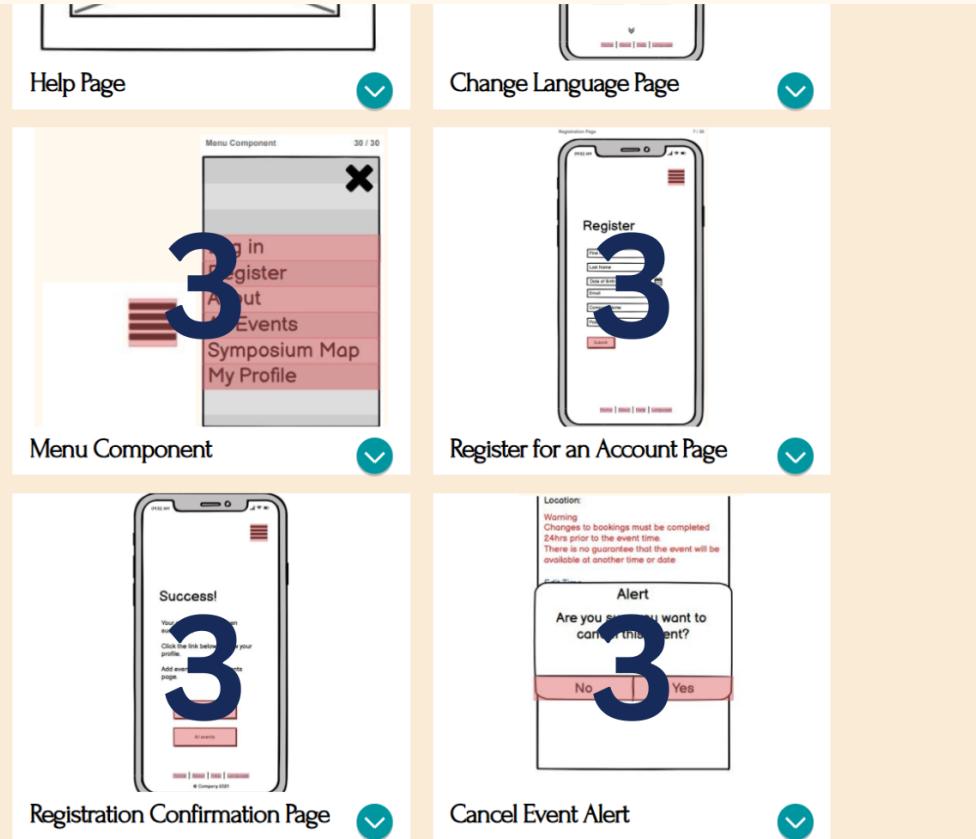
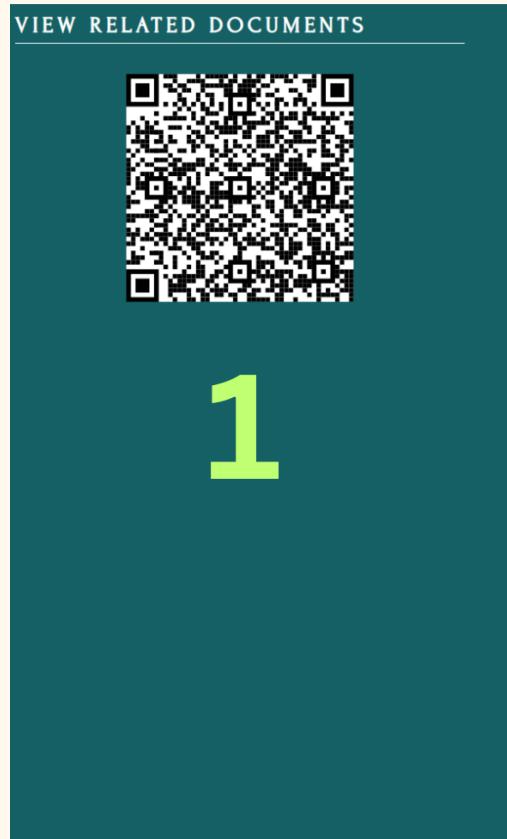
While completing my degree, I used Balsamiq to create an online booking system for a symposium/conference. Balsamiq is wireframing and mockup software with a high focus on usability. Users needed to be able to add and remove event bookings, as well as view information about the convention and each event. This allowed me to hone my UI/UX design talents and learn how to utilise the Balsamiq programme to produce these designs. Clickable designs were used to depict the entire user experience.

VIEW RELATED DOCUMENTS

This section displays five wireframes for different pages of the symposium planner application:

- Home Page:** Shows a smartphone screen with a large blue number '3' and the text 'Symposium Planner'.
- About Page:** Shows a smartphone screen with a large blue number '3' and the text 'About'.
- Help Page:** Shows a smartphone screen with a large blue number '3' and the text 'FAQs'.
- Change Language Page:** Shows a smartphone screen with a large blue number '3' and the text 'Change language'.
- Menu Component:** Shows a small screenshot of a menu component with a blue number '3'.

The title 'SYMPOSIUM PLANNER' and the number '2' are prominently displayed above the first two wireframes.



1

Registration Confirmation Page

Cancel Event Alert

List of Events Page

Registration Progress Component

TOP

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Component #	Description	Component selector/s	Layout CSS
1	Aside section containing image, description and download QR code	<aside>	.aside <ul style="list-style-type: none"> • float: left
2	Main section containing heading 1 and heading 2	<main> <h1> <h2>	.main h1 <ul style="list-style-type: none"> • text-align: center .main h2 <ul style="list-style-type: none"> • text-align: center
3	Main section containing card components	<main> <card>	.main <ul style="list-style-type: none"> • float: right
4	Footer containing phone, email and maps link	<footer> <contact>	.footer <ul style="list-style-type: none"> • text-align: center; .contact <ul style="list-style-type: none"> • display: inline-flex;

Karuna page layout

1

DESCRIPTION

I worked on Karuna as part of a small team while finishing my degree. Karuna is a Java-based facial recognition smartphone app created with Android Studio. The app's objective is to bring people together after a natural disaster, even if they are separated by a long distance. Karuna searches for people using images and personal information and facial recognition technology. The location of the individual who was looked for in the database can be found.

2

KARUNA
ANDROID STUDIO & JAVA

3

About Karuna

Home Page

3

3

3

CLICK BELOW TO VIEW ON GITHUB



CLICK BELOW TO VIEW USER GUIDE



Login Page

Menu

Match Found

Home Page 2

Upload/Search for Someone

Inbox

Header Title
Header Text

● Home

🔍 Search

⬆ Upload

✉ Inbox

ⓘ About

ⓘ Contact

ⓘ Login

✘ Logout

User

Change Password

↓

Karuna

Name: Chris Hemsworth

Location: Sydney

Vital Stats: alive

Date Found: 2022-07-09

Hemsworth

Location: Sydney

Vital Stats: alive

Date Found: 2022-07-10

User

Change Password

↓

Karuna

Given Name*

Surname*

Location*

Select status:

alive

↓

Successful search result hit:

Date Searched: 30-03-22

Date Found: 30-03-22

↓

Add Disaster

Location*

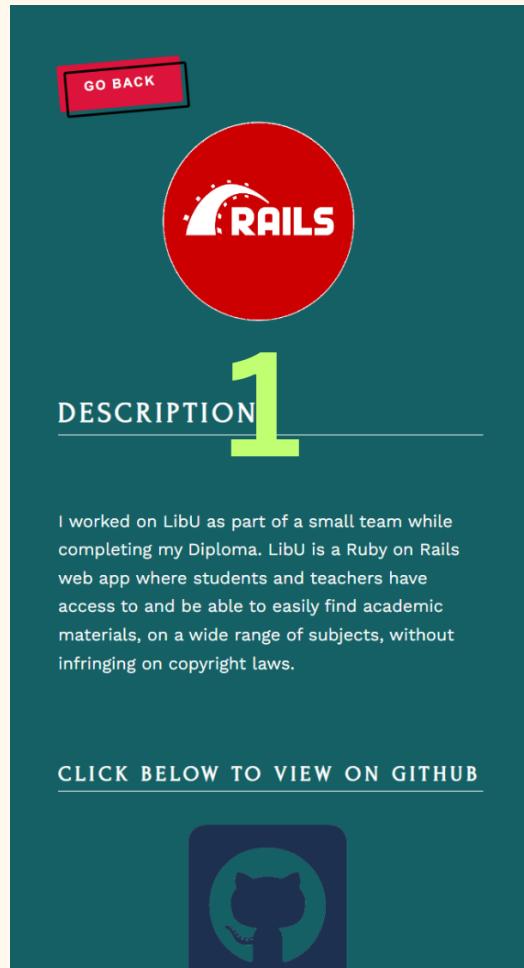
Radius from location*

↓

1

Component #	Description	Component selector/s	Layout CSS
1	Aside section containing image, description, Github link & download QR code	<aside>	.aside <ul style="list-style-type: none"> • float left
2	Main section containing heading 1 and heading 2	<main> <h1> <h2>	.main h1 <ul style="list-style-type: none"> • text-align: center .main h2 <ul style="list-style-type: none"> • text-align: center
3	Main section containing card components	<main> <card>	.main <ul style="list-style-type: none"> • float right
4	Embedded PDF component	<object>	.PDF <ul style="list-style-type: none"> • width: 100%; • height: 500px;
5	Footer containing phone, email and maps link	<footer> <contact>	.footer <ul style="list-style-type: none"> • text-align: center; .contact <ul style="list-style-type: none"> • display: inline-flex;

LibU page layout



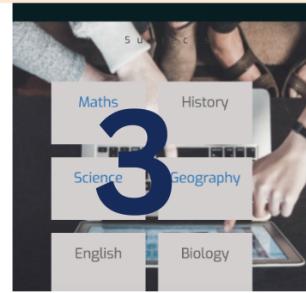
The LibU web application interface is shown on a light orange background. It features a large blue number '2' at the top. Below it, there are four cards with green numbers and descriptions:

- Purpose**: Shows a logo for '3bu' and the text 'REDUCE THE EDUCATION GAP'.
- Home Page**: Shows a person using a laptop with the text 'Popular Subjects'.
- Home Page 2**: Shows a person using a laptop displaying mathematical equations.
- Search**: Shows two people using tablets with a search interface.



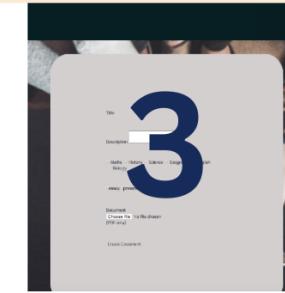
1

Home Page 2



Subjects

Search



Upload



User Profile

TOP

4

0487154084

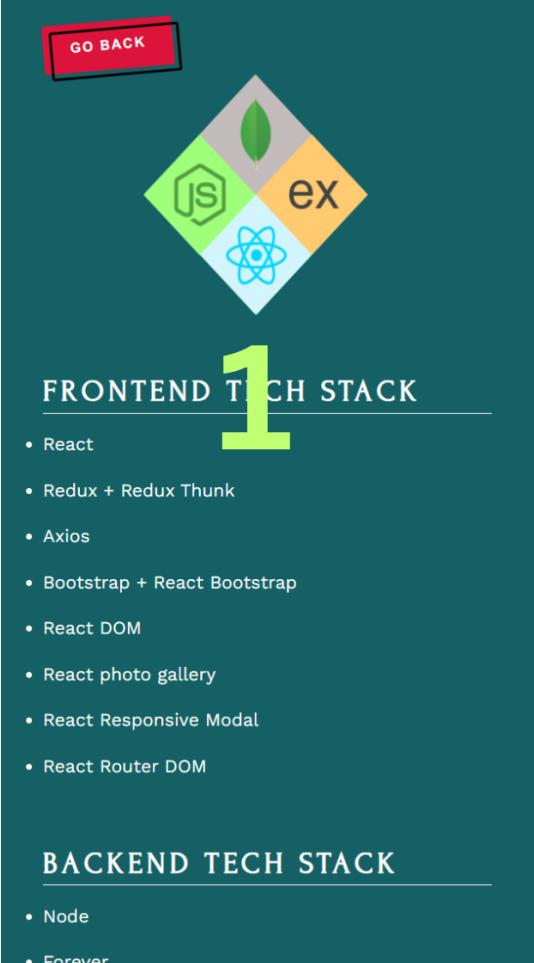
ggmchardie@gmail.com

Carwoola

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Component #	Description	Component selector/s	Layout CSS
1	Aside section containing image, description and Github link	<aside>	.aside <ul style="list-style-type: none">• float left
2	Main section containing heading 1 and heading 2	<main> <h1> <h2>	.main h1 <ul style="list-style-type: none">• text-align: center .main h2 <ul style="list-style-type: none">• text-align: center
3	Main section containing card components	<main> <card>	.main <ul style="list-style-type: none">• float right
4	Footer containing phone, email and maps link	<footer> <contact>	.footer <ul style="list-style-type: none">• text-align: center; .contact <ul style="list-style-type: none">• display: inline-flex;

Hot Hot Holes page layout



FRONTEND TECH STACK

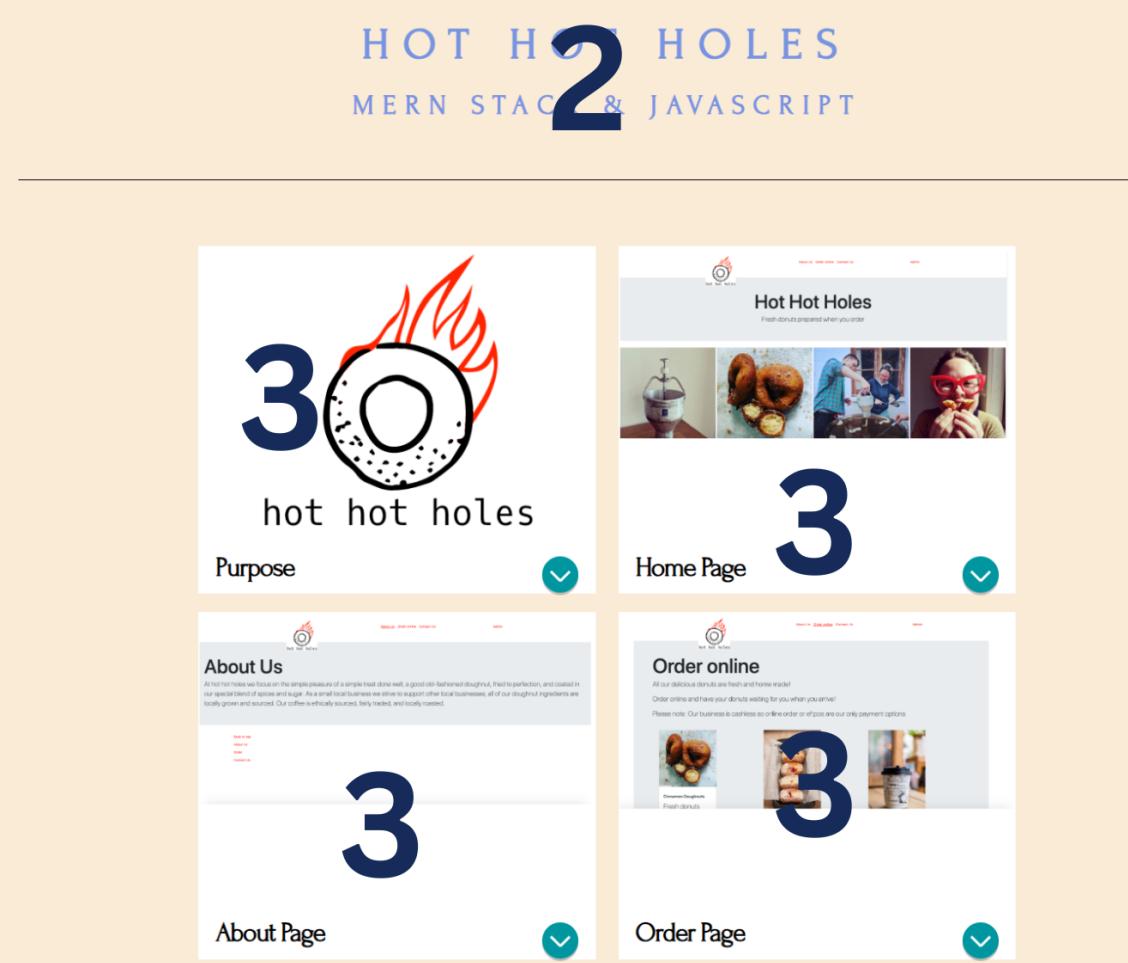
1

- React
- Redux + Redux Thunk
- Axios
- Bootstrap + React Bootstrap
- React DOM
- React photo gallery
- React Responsive Modal
- React Router DOM

BACKEND TECH STACK

- Node
- Forever

GO BACK



HOT HOT HOLES

2 MERN STACK & JAVASCRIPT

3 hot hot holes

Purpose

About Us

Order online

Home Page

About Page

Order Page

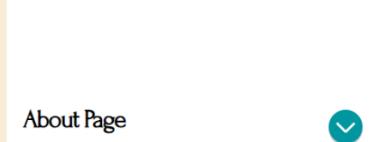
BACKEND TECH STACK

- Node
- Forever
- Nodemon
- Mongoose
- Express

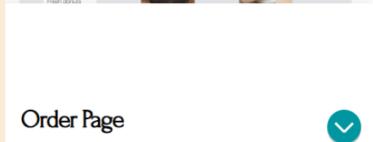
1

CLICK BELOW TO VIEW ON GITHUB

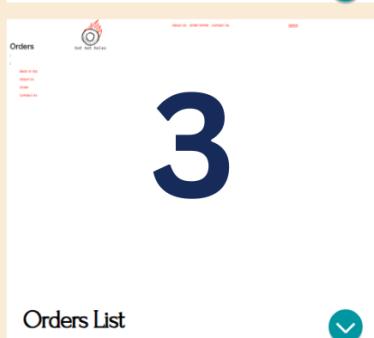




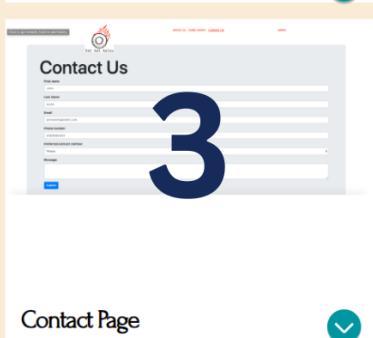
2



3



3



3

4

TOP

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Component #	Description	Component selector/s	Layout CSS
1	Aside section containing image, description and Github link	<aside>	.aside <ul style="list-style-type: none">• float left
2	Main section containing heading 1 and heading 2	<main> <h1> <h2>	.main h1 <ul style="list-style-type: none">• text-align: center .main h2 <ul style="list-style-type: none">• text-align: center
3	Main section containing card components	<main> <card>	.main <ul style="list-style-type: none">• float right
4	Footer containing phone, email and maps link	<footer> <contact>	.footer <ul style="list-style-type: none">• text-align: center; .contact <ul style="list-style-type: none">• display: inline-flex;

Zephyr Motors form page layout

GO BACK



ABOUT US

1

Zephyr Motors is an innovative and forward-thinking electric car company that is revolutionizing the automotive industry. With a strong commitment to sustainability and cutting-edge technology, Zephyr Motors is dedicated to designing and manufacturing high-performance electric vehicles (EVs) that offer an exceptional driving experience while reducing the carbon footprint.

At the core of Zephyr Motors' philosophy is the belief that electric vehicles can be both environmentally friendly and thrilling to drive. Their team of talented engineers and designers work tirelessly to develop EVs that not only prioritize efficiency but also deliver impressive acceleration, handling, and range.

2

ZEPHYR MOTORS

SIGN UP FOR OUR E-NEWSLETTER!

FIRST NAME

Enter your first name here...

Welcome to Zephyr Motors - Newsletter Signup

3

Close

EMAIL

Enter your email here...

AGE

<input type="radio"/> 15-25	<input type="radio"/> 46-55
<input type="radio"/> 26-35	<input type="radio"/> 55+
<input type="radio"/> 36-45	

4

SELECT YOUR AREAS OF INTEREST

<input type="checkbox"/> Battery Electric Vehicle (BEV)	<input type="checkbox"/> Fuel Cell Electric Vehicle (FCEV)
<input type="checkbox"/> Hybrid Electric Vehicle (HEV)	<input type="checkbox"/> Future Trends
<input type="checkbox"/> Plug-in Hybrid Electric Vehicle (PHEV)	

SEND US A MESSAGE

driving experience while reducing the carbon footprint.

At the core of Zephyr Motors' philosophy is the belief that electric vehicles can be both environmentally friendly and thrilling to drive. Their team of talented engineers and designers work tirelessly to develop EVs that not only prioritize efficiency but also deliver impressive acceleration, handling, and range.

1

- 15-25
- 46-55
- 26-35
- 55+
- 36-45

SELECT YOUR AREAS OF INTEREST

- | | |
|---|--|
| <input type="checkbox"/> Battery Electric Vehicle (BEV) | <input type="checkbox"/> Fuel Cell Electric Vehicle (FCEV) |
| <input type="checkbox"/> Hybrid Electric Vehicle (HEV) | <input type="checkbox"/> Future Trends |
| <input type="checkbox"/> Plug-in Hybrid Electric Vehicle (PHEV) | |

SEND US A MESSAGE

Enter your message here...

4

SUBMIT

TOP

0487154084

ggmchardie@gmail.com

Carwoola

5

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Component #	Description	Component selector/s	Layout CSS
1	Aside section containing image and description	<aside>	.aside <ul style="list-style-type: none"> • float left
2	Main section containing heading 1 and heading 2	<main> <h1> <h2>	.main h1 <ul style="list-style-type: none"> • text-align: center .main h2 <ul style="list-style-type: none"> • text-align: center
3	On load welcome message	<div class="popup-load">	.popup-onload <ul style="list-style-type: none"> • width: 100%; • margin: 0 auto; • position: fixed;
4	Sign up form	<form>	.form <ul style="list-style-type: none"> • padding: 50px; • max-width: 1000px; • margin: 0 auto; • overflow: hidden;
5	Footer containing phone, email and maps link	<footer> <contact>	.footer <ul style="list-style-type: none"> • text-align: center; .contact <ul style="list-style-type: none"> • display: inline-flex;

Contact page layout

The screenshot shows a contact page layout. At the top, a teal header contains the number '32'. Below it is a dark teal section with a white contact form titled 'CONTACT ME'. The form includes fields for Name, Email, Phone (optional), and Message, each with a corresponding input field. A large black '1' is overlaid on the phone input field. At the bottom, a yellow footer bar contains icons for phone, email, and location, followed by the numbers '0487154084', the email 'ggmchardie@gmail.com', and the word 'Carwoola'. A large black '2' is overlaid on the right side of the footer bar.

1	Contact form	Flex box, center
2	Footer	Flex box, center

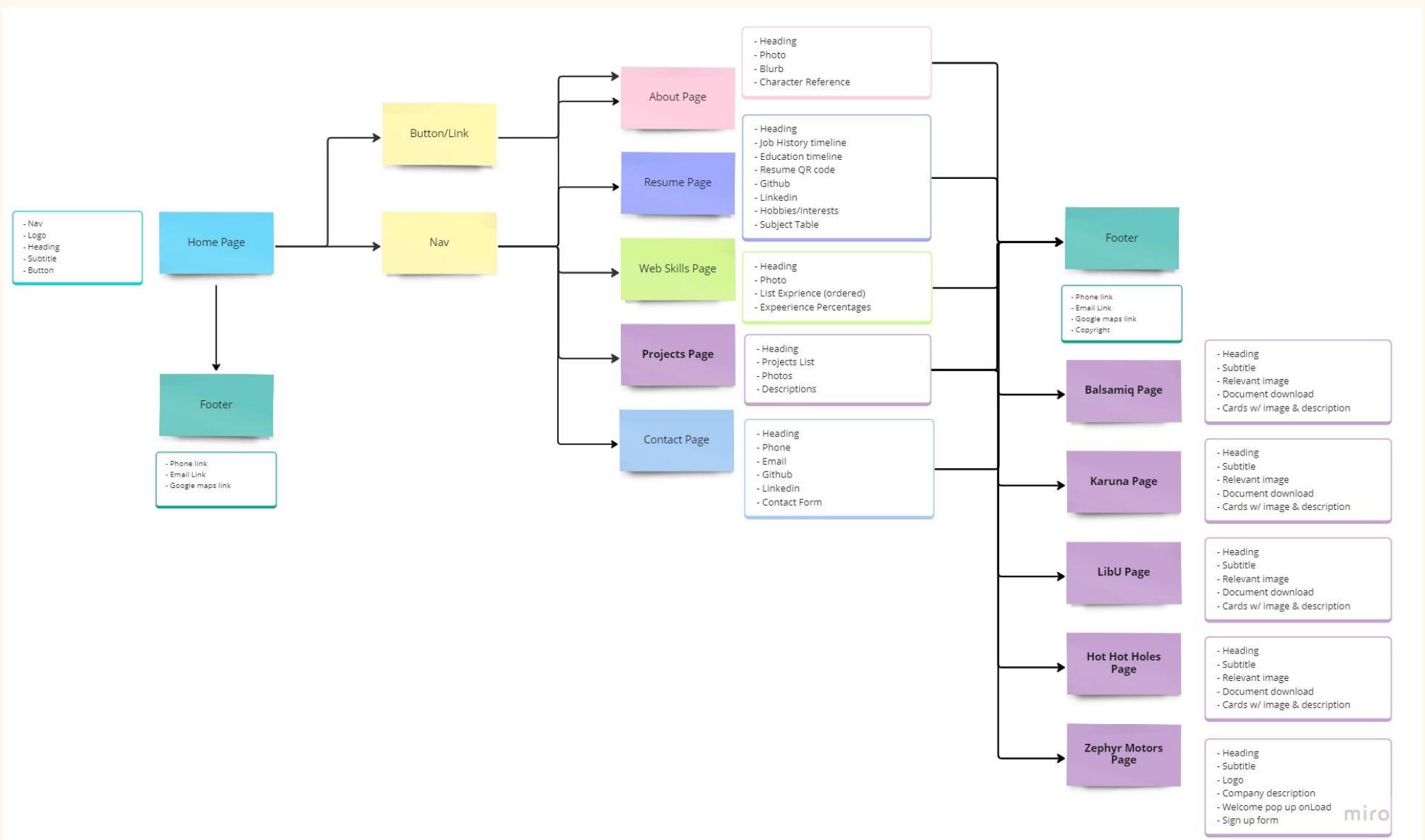
CSS Text Plan

css/styles.css	Font	Colour /Special Characteristics	Align
body	font-style: normal; font-weight: 300;	background-color: #156064; position: relative; margin: 0; padding: 0;	
body p	font-family: 'Work Sans', sans-serif; font-size: 14px;	color: #606f76;	text-align: justify;
nav	text-transform: uppercase; letter-spacing: 0.05em; color: #444554; font-weight: bold; font-size: 18px; font-family: 'Forum'; letter-spacing: 4px;	background-color: #E7C8C2;; text-decoration: none;	text-align: center; position: sticky;
nav ul			display: block; margin: 0; text-align: center;
Nav ul li a:hover		color: #000; background: antiquewhite;	

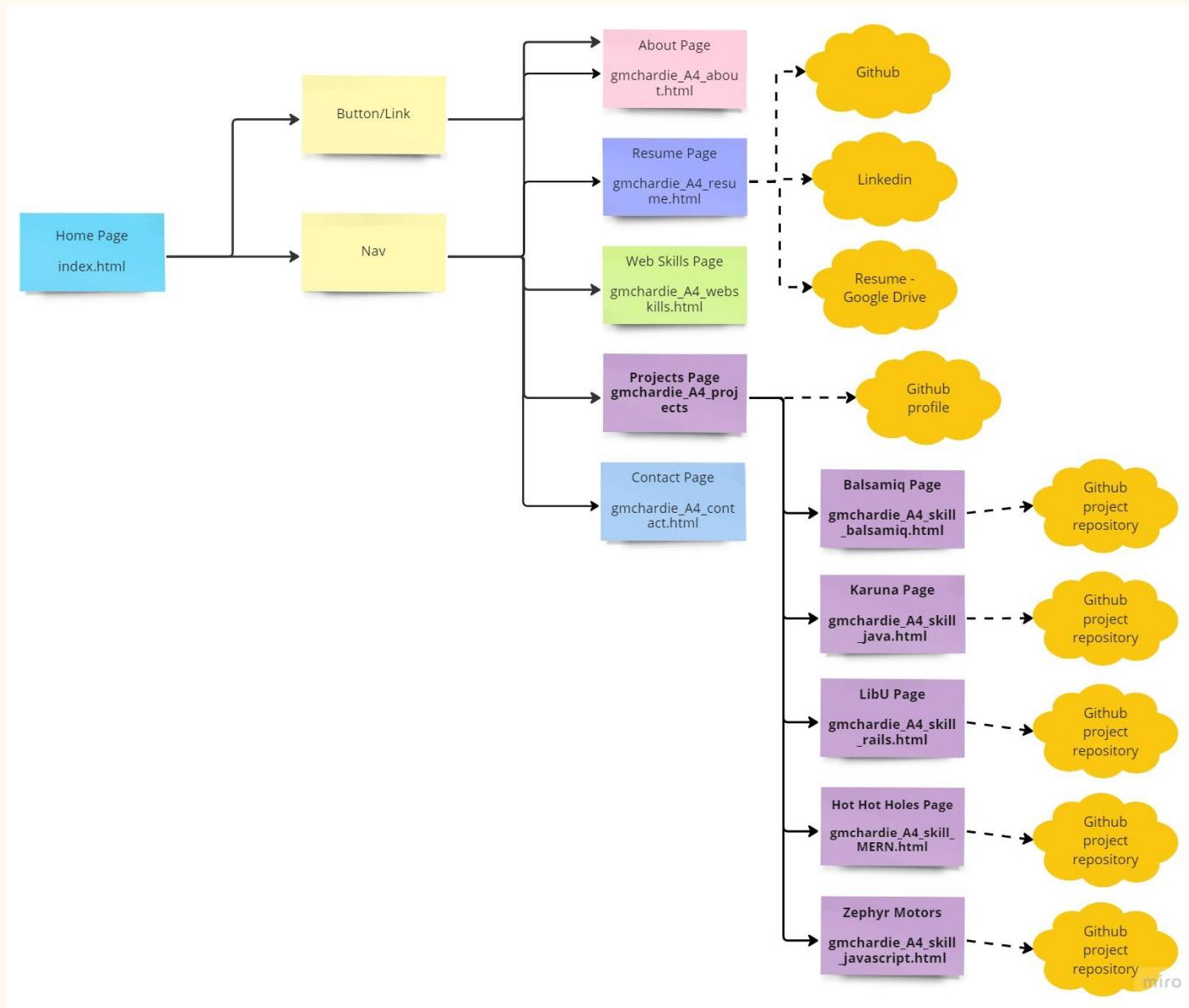
.nav-link	font-weight: bold; font-size: 18px; text-decoration: none; font-family: 'Forum'; letter-spacing: 4px;	color: #313131; display: block;	text-align: center;
nav a:hover		border-bottom-color: #313131;	
h1	font-family: 'Forum'; font-size: 38px; letter-spacing: 13px;	color: #7793e2; text-transform: uppercase;	text-align: center;
h2	font-family: 'Forum'; font-size: 16px; letter-spacing: 8px; text-transform: uppercase;	color: #7793e2;	text-align: center;
h3	font-family: 'Work Sans', sans-serif;		
h5	font-family: 'Forum'; font-size: 16px; letter-spacing: 2px;	color: white;	vertical-align: top;
.aside	font-family: 'Work Sans', sans-serif; letter-spacing: 2px; font-size: 17px;	background-color: #156064;	float: left;

.main	font-family: 'Work Sans', sans-serif;	background-color: antiquewhite; color: #606f76;	float: right; text-align: justify;
.card	font-family: 'Work Sans', sans-serif; font-size: 24px; font-weight: 700;	background: #ffffff; color: black;	position: relative; text-align: left; display: inline-block;
footer	font-family: 'Work Sans', sans-serif;	background-color: #F5B700;	text-align: center; display: inline-flex;
.copyright	font-family: 'Work Sans', sans-serif;	margin-top: -2%; padding-bottom: 1%;	text-align: center;

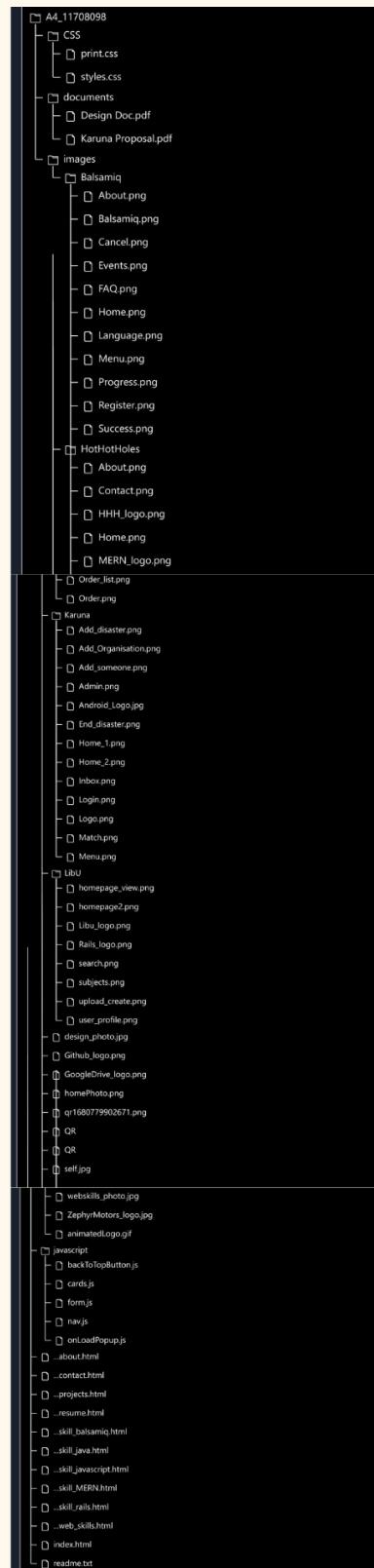
Updated Concept Map - [View Full here](#)



Updated Navigation Map (Logical) - [View full here](#)



Updated Nav Chart (Physical) - [View full here](#)



Storyboards

File:	Screen ID:	Date:
index.html	1.0	7/05/23



Elements:

Graphics:

Image with border animation & animated button, animated logo

Text:

Name & short descriptive words

Audio/Video:

None

Notes:

Flex and negative margins used to position elements

Description	Home Page
Content	Image, title, brief description
Interactions	Nav links to all pages, email and phone links in footer
Media Creation	Image created using Canva, Logo created using Canva
Navigation	Nav to all pages

File:	Screen ID:	Date:
gmchardie_A4_about.html	2.0	7/05/23

**Elements:****Graphics:**

Image, title with border animation & animated border on reference

Text:

Title, blurb about self & character reference

Audio/Video:
None**Notes:**
Flex used to position elements

Description	About Page
Content	About photo, blurb, character reference
Interactions	Nav links to all pages, email and phone links in footer
Media Creation	Logo created using Canva
Navigation	Nav to all pages

File:	Screen ID:	Date:
gmchardie_A4_resume.html	3.0	7/05/23

Description	Resume Page
Content	Photo, personal details, work and education timelines, list of hobbies and table of uni subjects
Interactions	Nav links to all pages, email and phone links in footer, links to github and linkedin, QR code for resume
Media Creation	Logo created using Canva
Navigation	Nav to all pages

Elements:

Graphics:

Image, timelines, icons for hobbies & socials, QR code

Text:

Title, personal details, work & education timelines & hobbies

Audio/Video:

None

Notes:

Aside and main sections used to divide content

File:	Scren ID:	Date:
gmchardie_A4_webskills.html	4.0	7/05/23



Description	Web Skills Page
Content	Photo, list of skills with descriptions, bar graphs with percentages to show capabilities
Interactions	Nav links to all pages, email and phone links in footer
Media Creation	Logo created using Canva
Navigation	Nav to all pages

Elements:**Graphics:**

Image, bar graph with percentages for capabilities

Text:

Title & skill descriptions

Audio/Video:

None

Notes:

Aside and main sections used to divide content

File	Screen ID	Date
gmehardie_A4_projects.html	5.0	5/06/23

The screenshot shows a portfolio website. The top left features a circular profile picture of a person working on a laptop. To its right is a 'DESCRIPTION' section with a short paragraph about projects and a link to a GitHub profile. The main content area is titled 'PROJECTS' and displays four project cards. Each card includes a thumbnail image, the project name, a brief description, and a small circular icon with a checkmark. At the bottom left is a GitHub logo.

Elements:

Graphics:

Photo, Github logo, project images (x5), expand arrow (↓), close window cross (X), read more button

Text:

Title, subtitle, projects page description, project title, project subtitle & project descriptions

Audio/Video:

None

Notes:

Aside and main sections used to divide content

Description	Projects Page
Content	Photo, short description about projects, link to Github profile, expandable cards (image, heading, subtitle, link to project page)
Interactions	Nav links to all pages, link to Github profile, links to relevant project pages, email and phone links in footer
Media Creation	Photo from unsplash
Navigation	Nav to all pages, Github, Symposium Planner project page, Karuna project page, Hot Hot Holes project page, Symposium Planner project page, LibU project page, Zephyr Motors form page

File	Scren ID	Date
gmehardie_A4_skill_balsamiq.html	6.0	5/06/23

Elements:

Graphics:

Image, QR Code, project images (x10), expand arrow (↓), close window cross (X), read more button

Text:

Title, subtitle, project description, card title, card subtitle & card descriptions

Audio/Video:

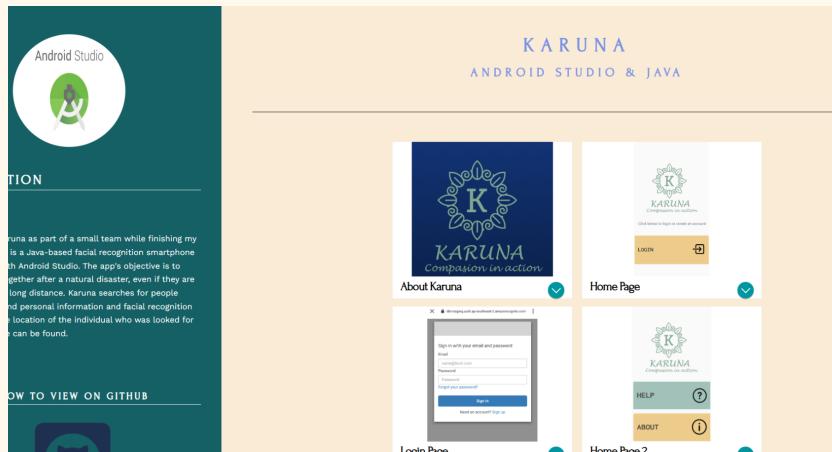
None

Notes:

Aside and main sections used to divide content

Description	Symposium Planner (Balsamiq) project page
Content	Balsamiq logo, description about project, QR Code for document download, expandable cards (image, heading, subtitle, description for image)
Interactions	Nav links to all pages, QR code link to google drive download, email and phone links in footer
Media Creation	Wireframes created with Balsamiq
Navigation	Nav to all pages, QR code link to google drive

File	Screen ID	Date
gmehardie_A4_skill_karuna.html	7.0	5/06/23



Elements:

Graphics:

Android Studios logo, Github logo, QR Code, project images (x10), expand arrow (↓), close window cross (X), read more button, embedded pdf

Text:

Title, subtitle, project description, card title, card subtitle & card descriptions

Audio/Video:

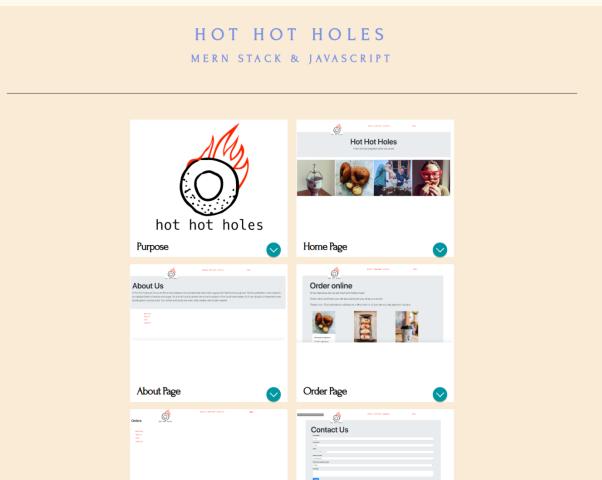
None

Notes:

Aside and main sections used to divide content

Description	Karuna (Android Studio & Java) project page
Content	Android Studio logo, description about project, link to LibU Github repository, QR Code for document download, expandable cards (image, heading, subtitle, description for image), embedded PDF proposal presentation
Interactions	Nav links to all pages, link to Karuna Github repository, QR code link to google drive download, email and phone links in footer
Media Creation	Karuna logo created by Georgia McHardie
Navigation	Nav to all pages, link to Karuna Github repository, QR code link to google drive, pdf download

File	Screen ID	Date
gmchardie_A4_skill_MERN.html	8.0	5/06/23



Elements:

Graphics:

MERN logo, Github logo, project images (x6), expand arrow (↓), close window cross (X), read more button

Text:

Title, subtitle, project description, card title, card subtitle, card descriptions

Audio/Video:

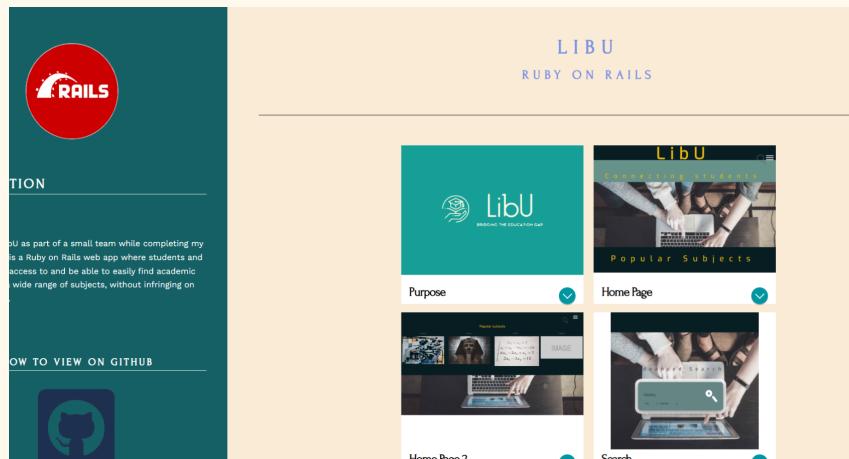
None

Notes:

Aside and main sections used to divide content

Description	Hot Hot Holes (MERN stack & javascript) project page
Content	Rails logo, description about project, link to Github repository, expandable cards (image, heading, subtitle, description for image)
Interactions	Nav links to all pages, link to LibU Github repository, email and phone links in footer
Media Creation	LibU logo created by Georgia McHardie
Navigation	Nav to all pages, LibU Github repo

File	Screen ID	Date
gmchardie_A4_skill_rails.html	9.0	5/06/23



Elements:

Graphics:

Rails logo, Github logo, project card images (x7), expand arrow (↑), close window cross (X), read more button

Text:

Title, subtitle, project description, card title, card subtitle, card descriptions

Audio/Video:

None

Notes:

Aside and main sections used to divide content

Description	LibU (Ruby on Rails) project page
Content	Rails logo, description about project, link to Github repository, expandable cards (image, heading, subtitle, description for image)
Interactions	Nav links to all pages, link to LibU Github repository, email and phone links in footer
Media Creation	LibU logo
Navigation	Nav to all pages, LibU Github repo

File	Screen ID	Date
gmchardie_A4_skill_javascript.html	10.0	5/06/23

Elements:

Graphics:

Company logo, pop up alert, submit button

Text:

Title, subtitle, pop up welcome message, company description, form field labels (x6)

Audio/Video:

None

Notes:

Aside and main sections used to divide content

Description	Zephyr Motors e-newsletter sign up form
Content	Welcome pop-up alert, logo photo, heading, subtitle, company description, Sign up form (4x text, 1 x radio, 1 x checkbox)
Interactions	Nav links to all pages, submit form, email and phone links in footer
Media Creation	Logo photo AI generated (Fotor)
Navigation	Nav to all pages, submit form confirmation

File:	Screen ID:	Date:
gmchardie_A4_contact.html	11.0	7/05/23

The image shows a contact form titled "CONTACT ME". It contains four input fields: "Name", "Email", "Phone (optional)", and "Message". Below these fields is a "Submit" button.

Elements:**Graphics:**

Contact form

Text:

Title and form labels

Audio/Video:

None

Notes:

Flex used to center content,
FormSpree used to post form inputs
to personal email

Description	Contact Page
Content	Title & contact form
Interactions	Nav links to all pages, email and phone links in footer, contact form posted to personal email
Media Creation	Logo created using Canva
Navigation	Nav to all pages

Testing Procedures

The designs for the portfolio site was created using the following software:

- [Miro](#) - Nav & Structure Maps
- [Canva](#) - Storyboards
- [Balsamiq](#) - Wireframes

The development (coding) for the site was done using VSCode

Validation

HTML 5 & CSS3 code will be validated using the following validator tools

- [W3C](#)
- [W3C CSS](#)

Form testing

Forms have been tested using [FormSpree](#)

Form	Result
Contact Form	Pass
Newsletter Form	Pass

Functionality and Look/Feel

Functionality has been tested by the developer on various browsers (and versions)

Browser	Result
Chrome	Pass
Firefox	Pass
Microsoft Edge	Pass

Hosted site will be tested by the developer on various devices

Device	Result
HP Laptop 1	Pass
HP Laptop 2	Pass
Android Phone 1	Pass
Iphone1	Pass

Responsiveness has been tested by the developer on a variety of screen/browser sizes

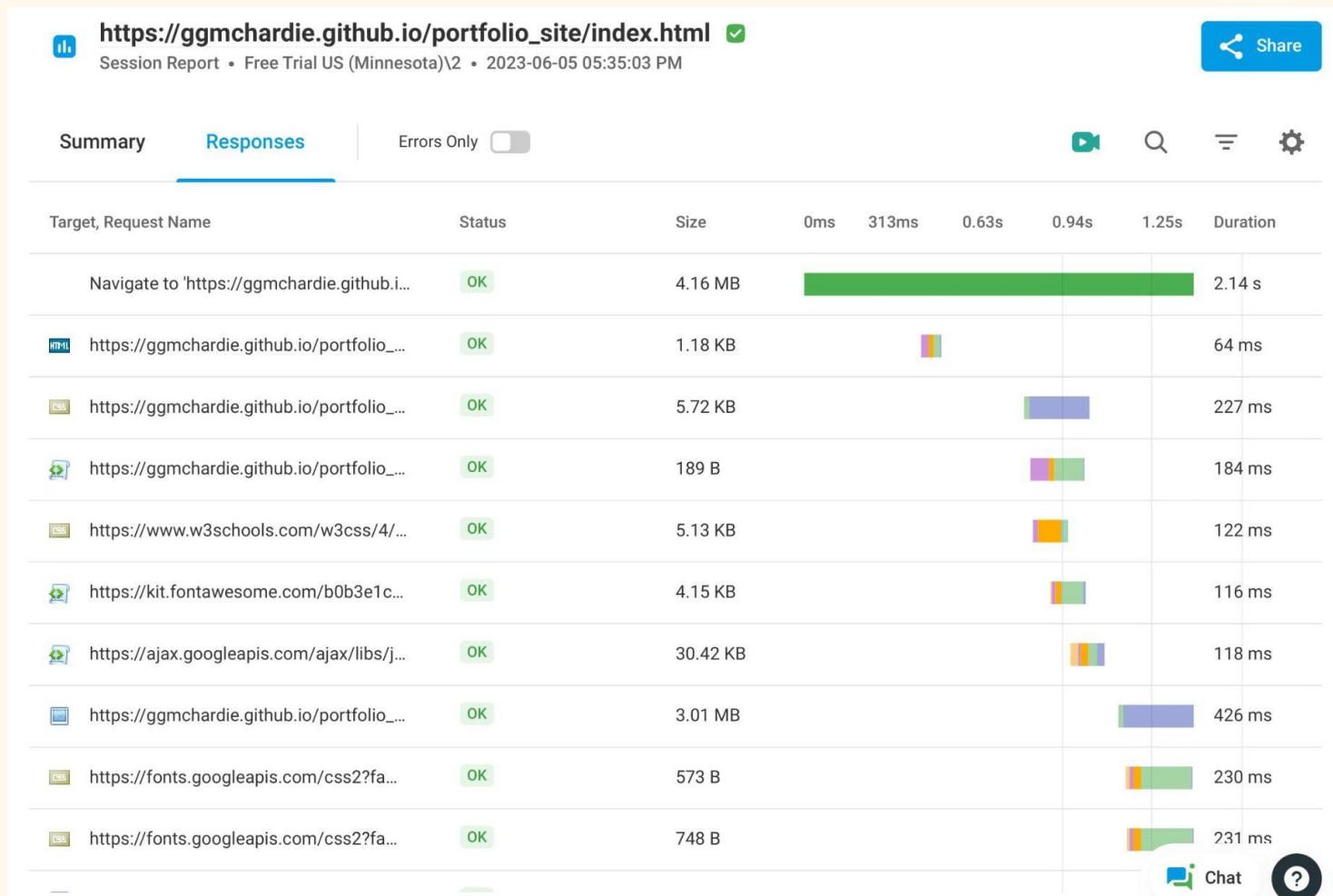
Screen Size	Result
640 x 480 pixels	Fail <i>Needs to be improved</i>
800 x 600 pixels	Fail <i>Needs to be improved</i>
1024 x 768 pixels	Pass
1280 x 800 pixels	Pass
1366 x 768 pixels	Pass
1920 x 1200 pixels	Pass

Usability

Task	Result
Grammar and spelling will be checked as part of proofreading	Pass
The website's navigation and all external links will be checked	Pass
There will be quality and optimisation checks on all of the pictures	Pass
Functionality of email links will be checked	Pass
External links will be tested to see if they open in a new window	Pass
Javascript and forms will be checked	Pass
To guarantee usability for all users and take into account issues like colour blindness and poor vision, testing for visual and perceptual features will be done	Pass
A comprehension test will be administered	Pass
File and picture sizes will be measured and load times will be checked	Pass
Accessibility factors will be examined (e.g., Alt tags on all photos, etc.)	Pass
The importance of SEO (search engine optimisation) will be taken into consideration	Pass
Check design is consistent across all pages	Pass
To guarantee ease of modification and interpretation, the code structure will be examined	Pass

Load time testing

Load time testing was performed using [LoadView](#)



Load test report

Load Test Report
Device: <https://ggmchar...site/index.html>

SCENARIO https://ggmchar...tnl Load Test 1
DATA 6/5/2023
RUN DATE 6/5/2023
REPORT ID D2D208CA90A6421896B1AA535331B86E

Table of Contents

Summary	Page 2
Execution Plan	Page 4
Average Response Time	Page 5
Number of Sessions Started	Page 7
Cumulative Number of Sessions Started	Page 8
Number of Errors by Error Type	Page 9
Virtual Load Injectors	Page 10

Load Test Report

Device: <https://ggmchar...site/index.html>

SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Summary

Summary

Load Type	Load Step Curve
Load Start	6/5/2023 5:30:02 PM
Load Stopped at	6/5/2023 5:37:23 PM
Load Duration	00:07:21
Max Users	0
Load Injector Servers	2
Successes Sessions	168
Failures Sessions	0
Cpu Limited Sessions	97
Uncompleted Sessions	1
Total Sessions	169
Max Duration sec	4.945
Average	1.651
STDDev	1.0931
Errors	0
Status	Finished

Load Test Report

Device: <https://ggmchar...site/index.html>

SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Zone Configuration

Zone	Total LI's Used
Reference Server	1
Central US, Minnesota	1



Report ID: D2D208CA90A6421896B1AA535331B86E

Run Date: 5-Jun-23

Page 3 of 10

Load Test Report

Device: <https://ggmchar...site/index.html>

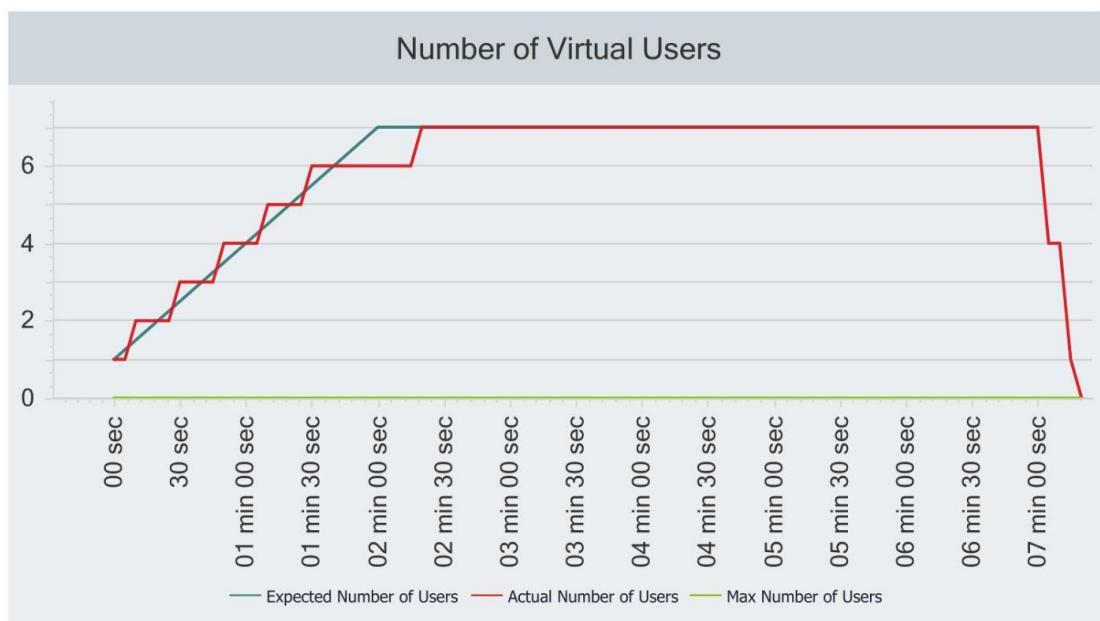
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Execution Plan



Load Test Report

Device: <https://ggmchar...site/index.html>

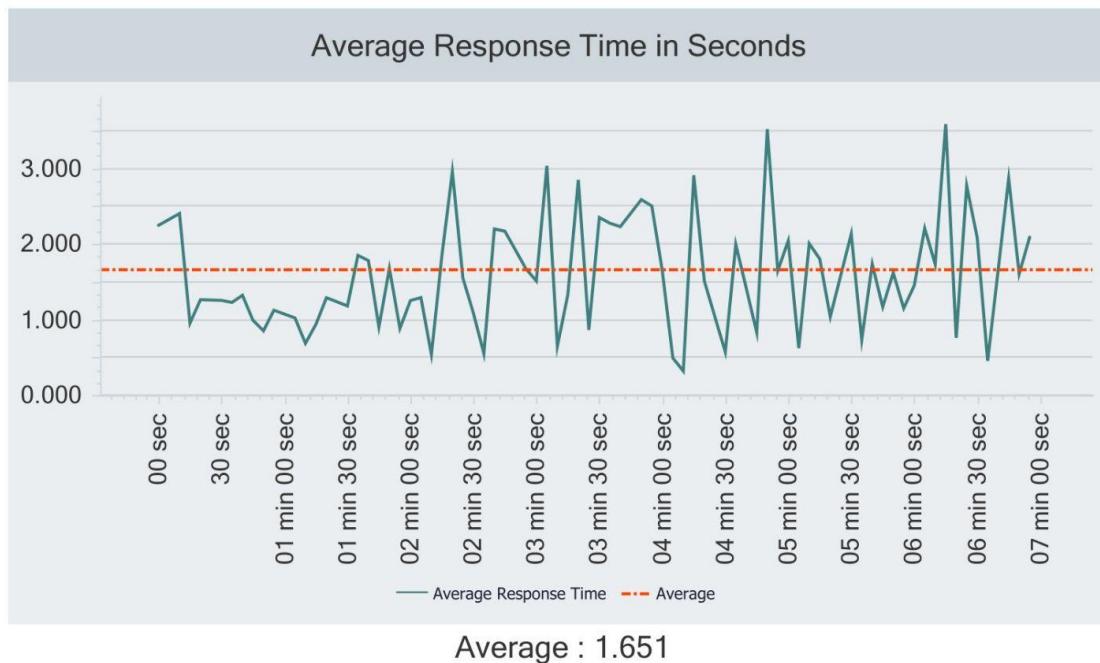
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Average Response Time



Load Test Report

Device: <https://ggmchar...site/index.html>

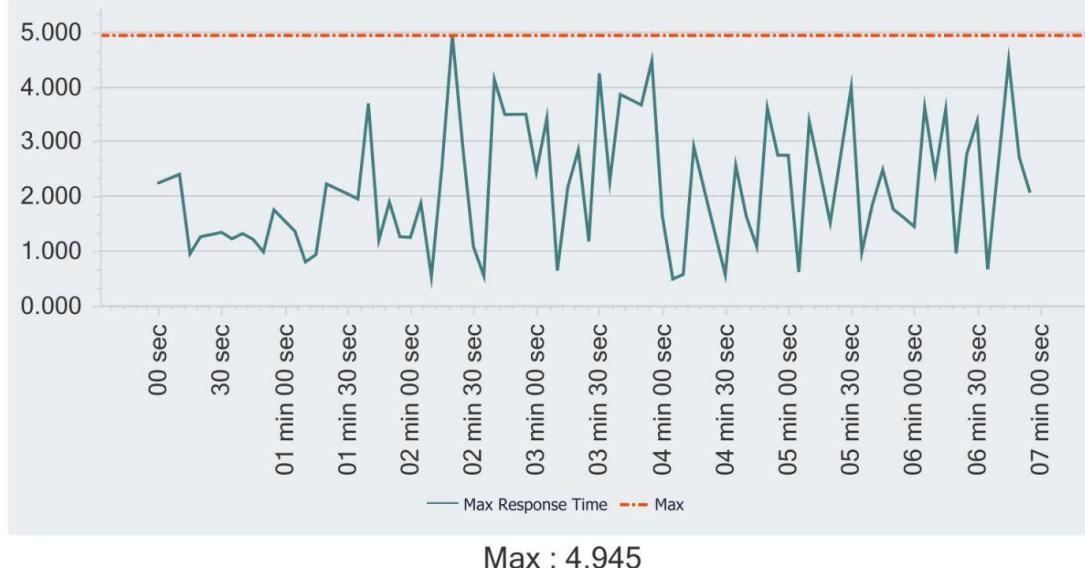
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Max Response Time in Seconds



Load Test Report

Device: <https://ggmchar...site/index.html>

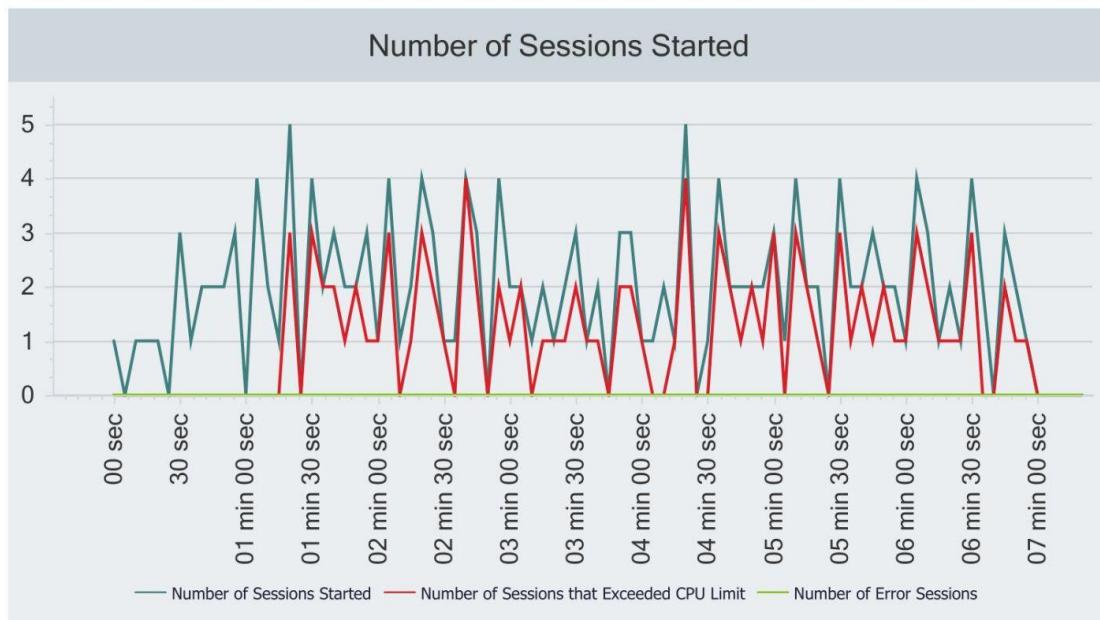
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Number of Sessions Started



Load Test Report

Device: <https://ggmchar...site/index.html>

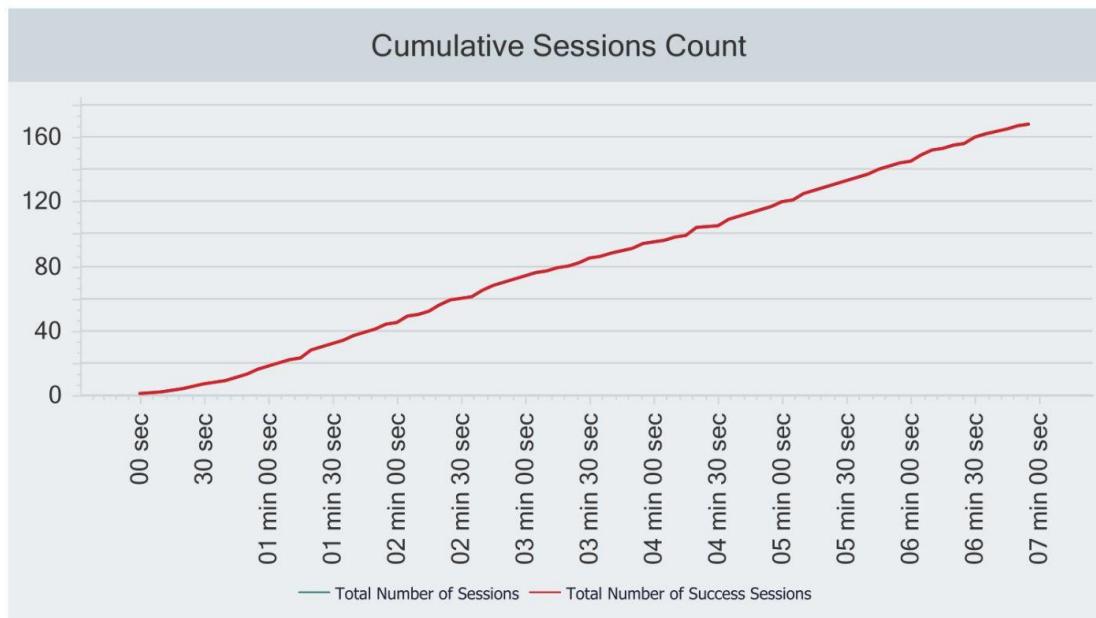
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Cumulative Sessions Count



Load Test Report

Device: <https://ggmchar...site/index.html>

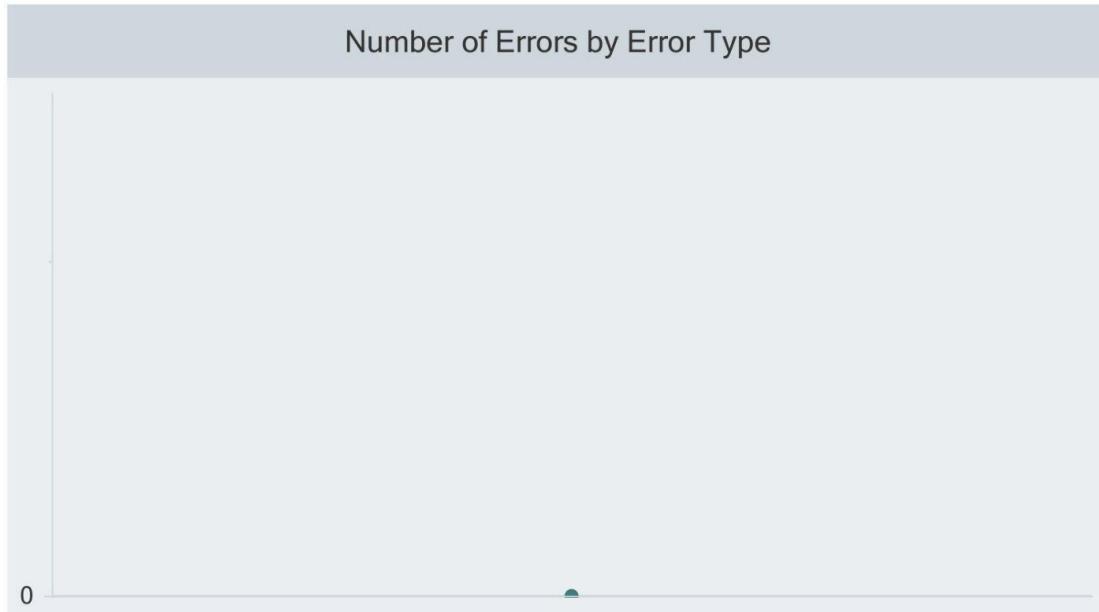
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Number of Errors by Error Type



Load Test Report

Device: <https://ggmchar...site/index.html>

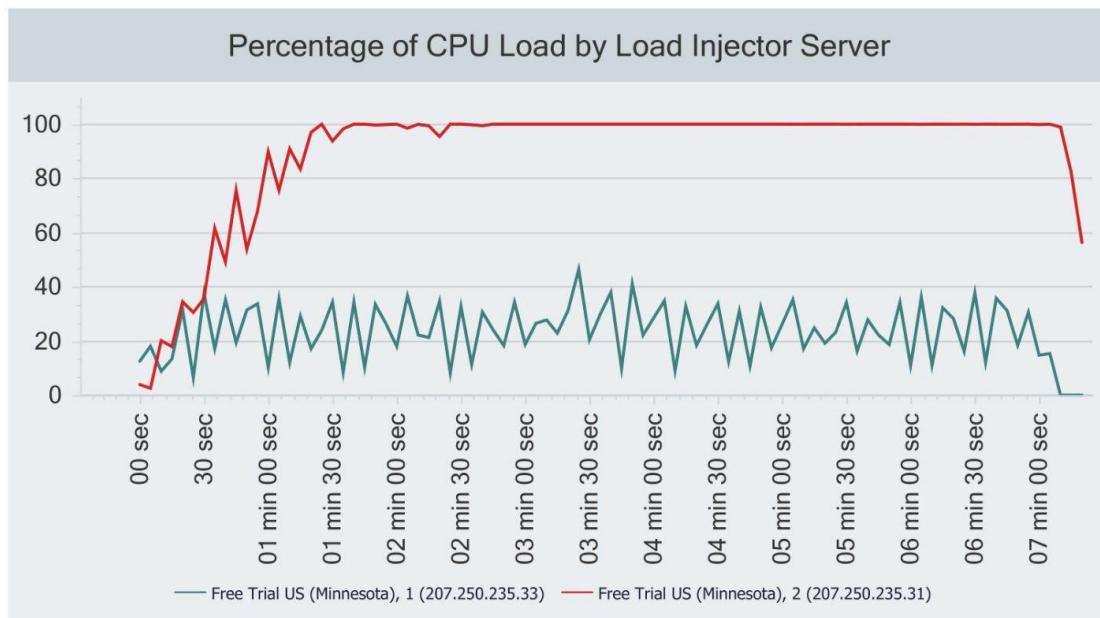
SCENARIO https://ggmchar...tml Load Test 1

DATA 6/5/2023

RUN DATE 6/5/2023

REPORT ID D2D208CA90A6421896B1AA535331B86E

Virtual Load Injectors



CSS3 Validation

W3C CSS Validator results for style.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:



```
<p> <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
</a>
</p>
```



```
<p> <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
</a>
</p>
```

[Full copy can be seen here](#)

HTML5 Validation

Issues need to be resolved - Added to issues log

[Full copy can be seen here](#)

Issues Log

Issue	Fixed?
Internal styles need to be moved to external sheet - may cause layout issues	Yes
Nav elements shifting too far on hover	Yes
Pages are not responsive - did not build for mobile first	Not yet
Projects page not created	Yes
Javascript form posting via FormSpree not to http://csusap.csu.edu.au/cgi-bin/echo_form	Yes
HTML5 validation issues need to be resolved	Not yet
The code structure needs to be will be examined	Not Yet

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