



DESIGN DOCUMENTATION

Web Development and Operating Systems



Contents

Website Link.....	2
Site Map	2
Wireframes	3
Home Page (WireFrame).....	3
Skills Page (Wireframe)	4
Qualifications Page (Wireframe).....	5
CSS Page 1 (Wireframe)	6
CSS Page 2 (Wireframe)	7
JavaScript Page (Wireframe).....	8
Sketches	9
Initial Home Page Layout	9
Testing.....	10
Final Page Screenshots.....	10
Home/Index page	10
Skills page.....	11
Qualifications page	11
CSS 1 page	12
CSS 2 page	12
ECMA-Script page	13

Website Link

Website hosted through Firebase.

<https://assignment-89fb7.web.app/>

<https://assignment-89fb7.firebaseio.com/>

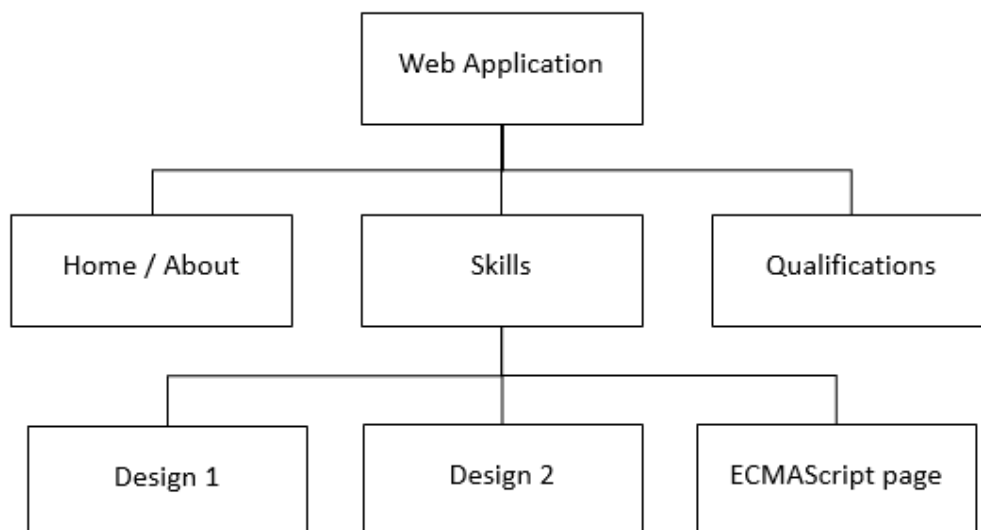
```
Node.js command prompt

=== Deploying to 'assignment-89fb7'...
s
i deploying hosting
i hosting[assignment-89fb7]: beginning deploy...
ic hosting[assignment-89fb7]: found 24 files in public
+ hosting[assignment-89fb7]: file upload complete
i hosting[assignment-89fb7]: finalizing version...
+ hosting[assignment-89fb7]: version finalized
i hosting[assignment-89fb7]: releasing new version...
+ hosting[assignment-89fb7]: release complete
+ Deploy complete!

Project Console: https://console.firebase.google.com/project/assignment-89fb7/overview
Hosting URL: https://assignment-89fb7.web.app

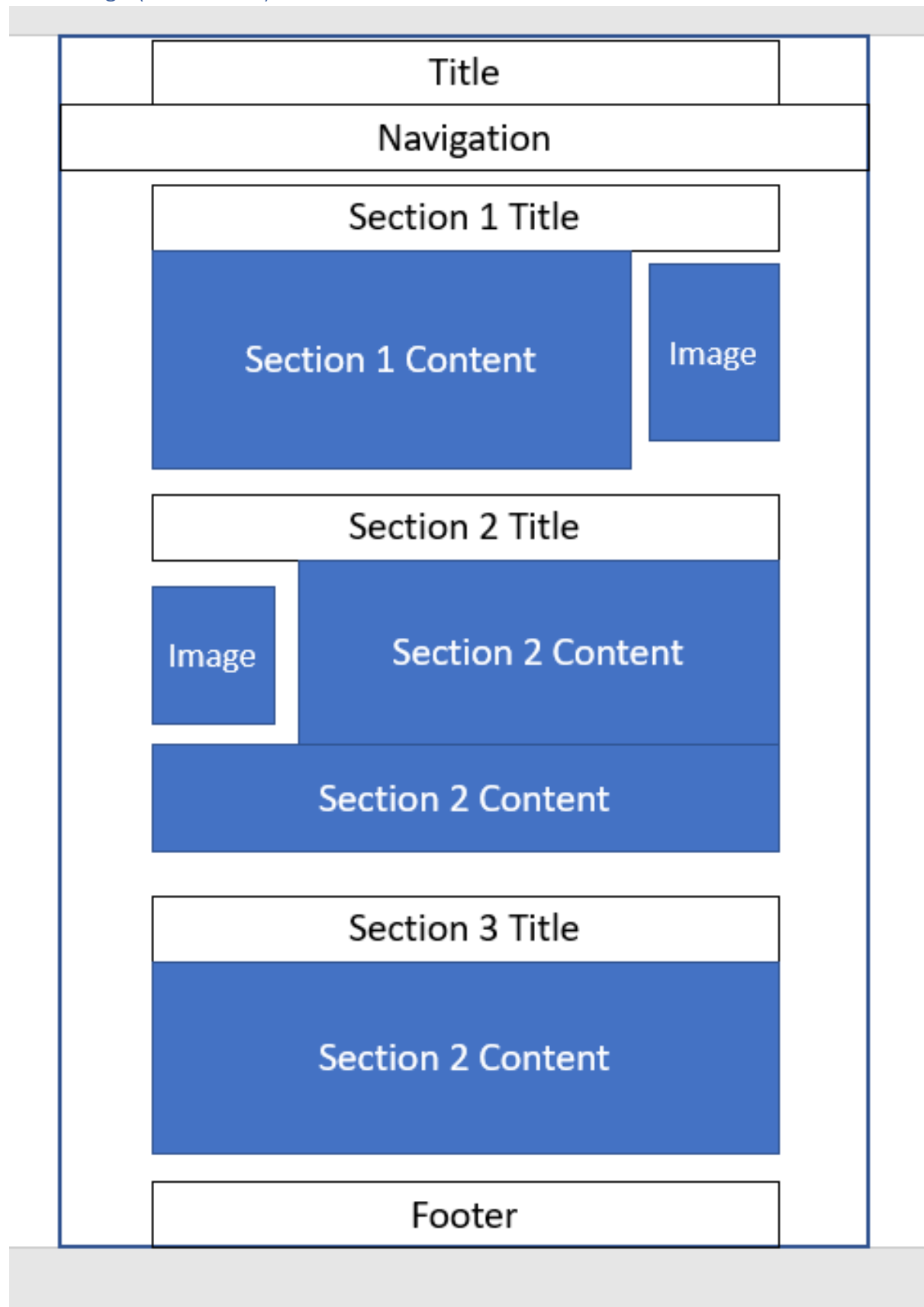
C:\Users\harry\Documents\University\1st Year\Web Development And Operating Systems\Assignment 1 - Website\Firebase>
```

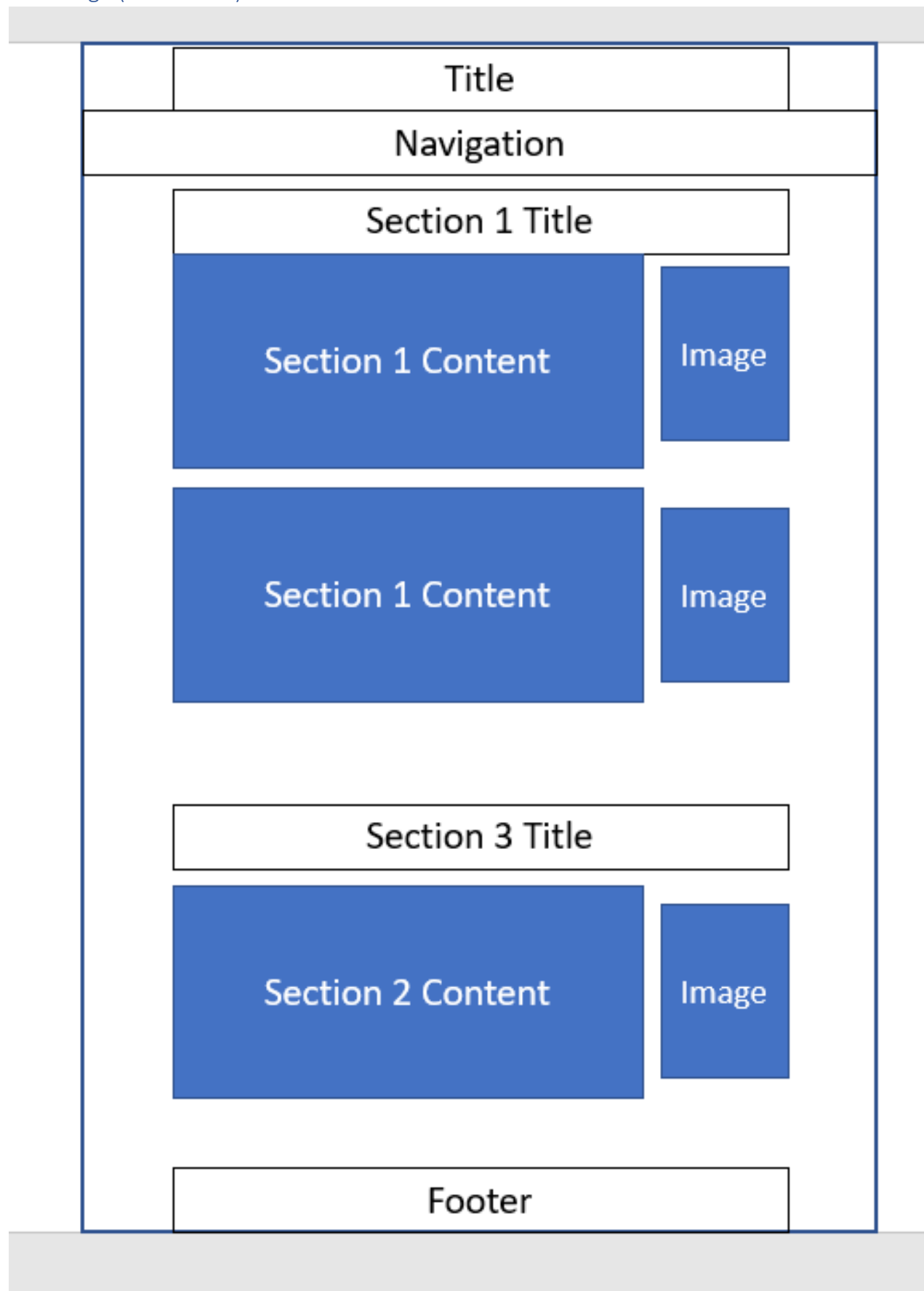
Site Map



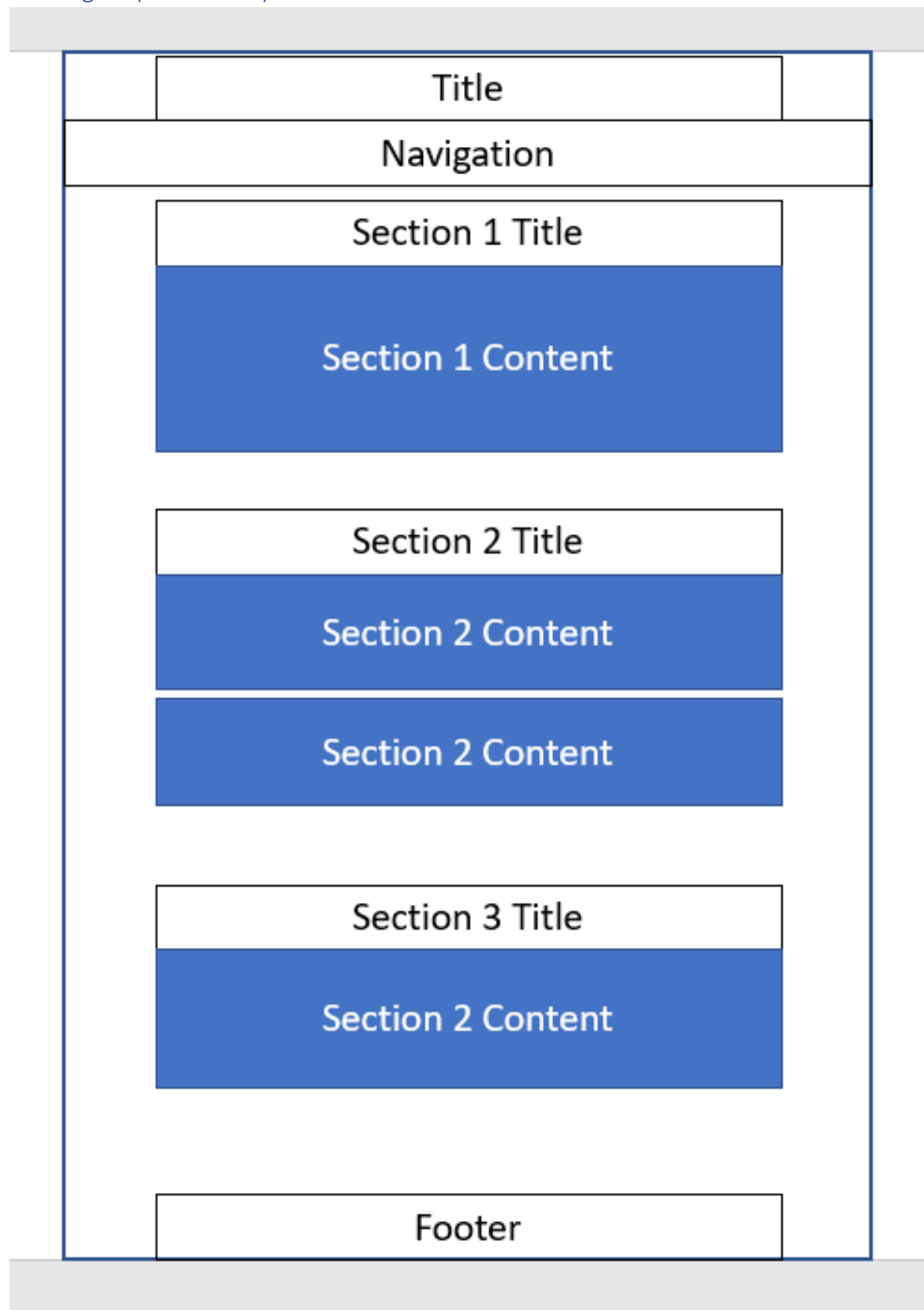
Wireframes

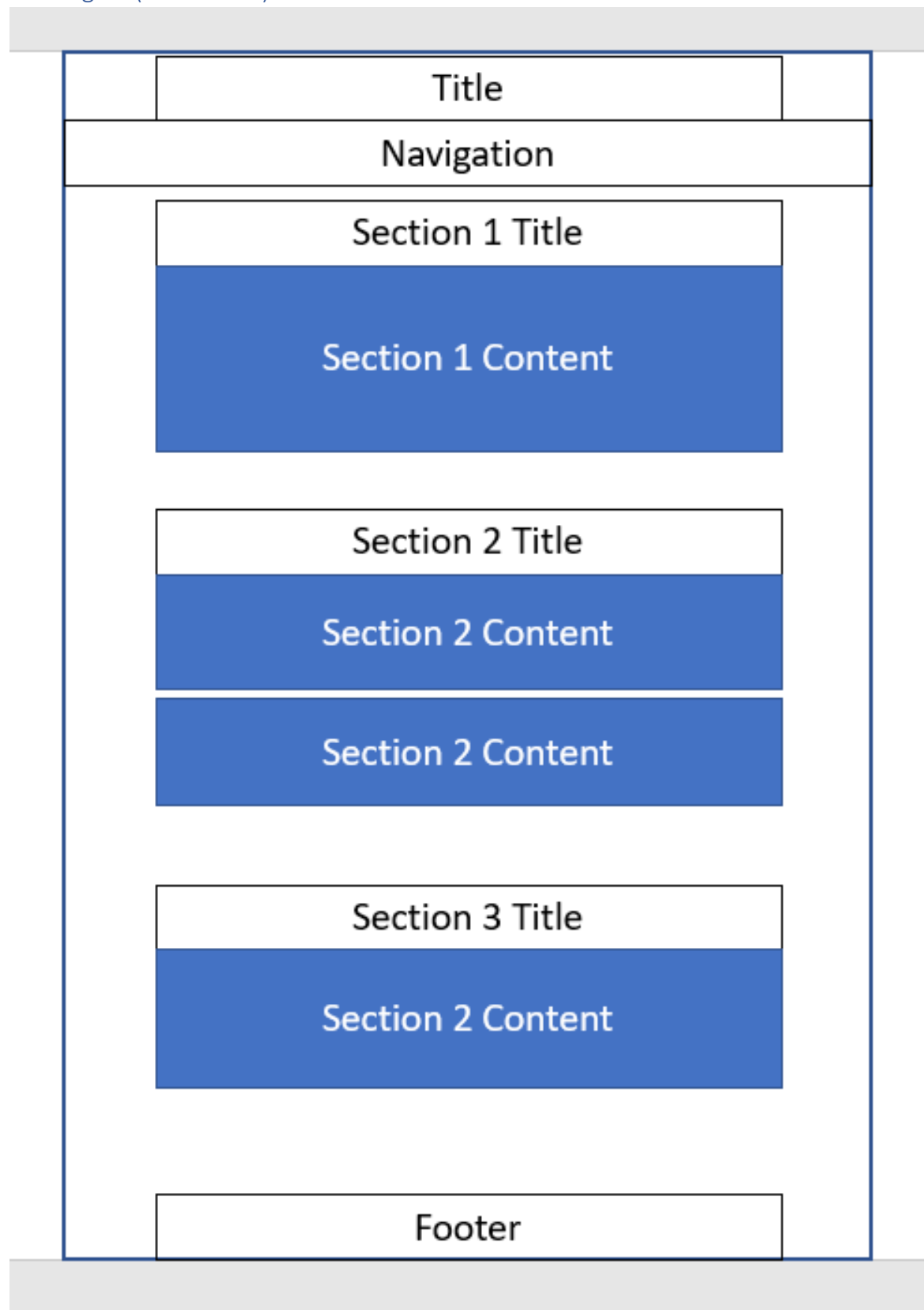
Home Page (WireFrame)

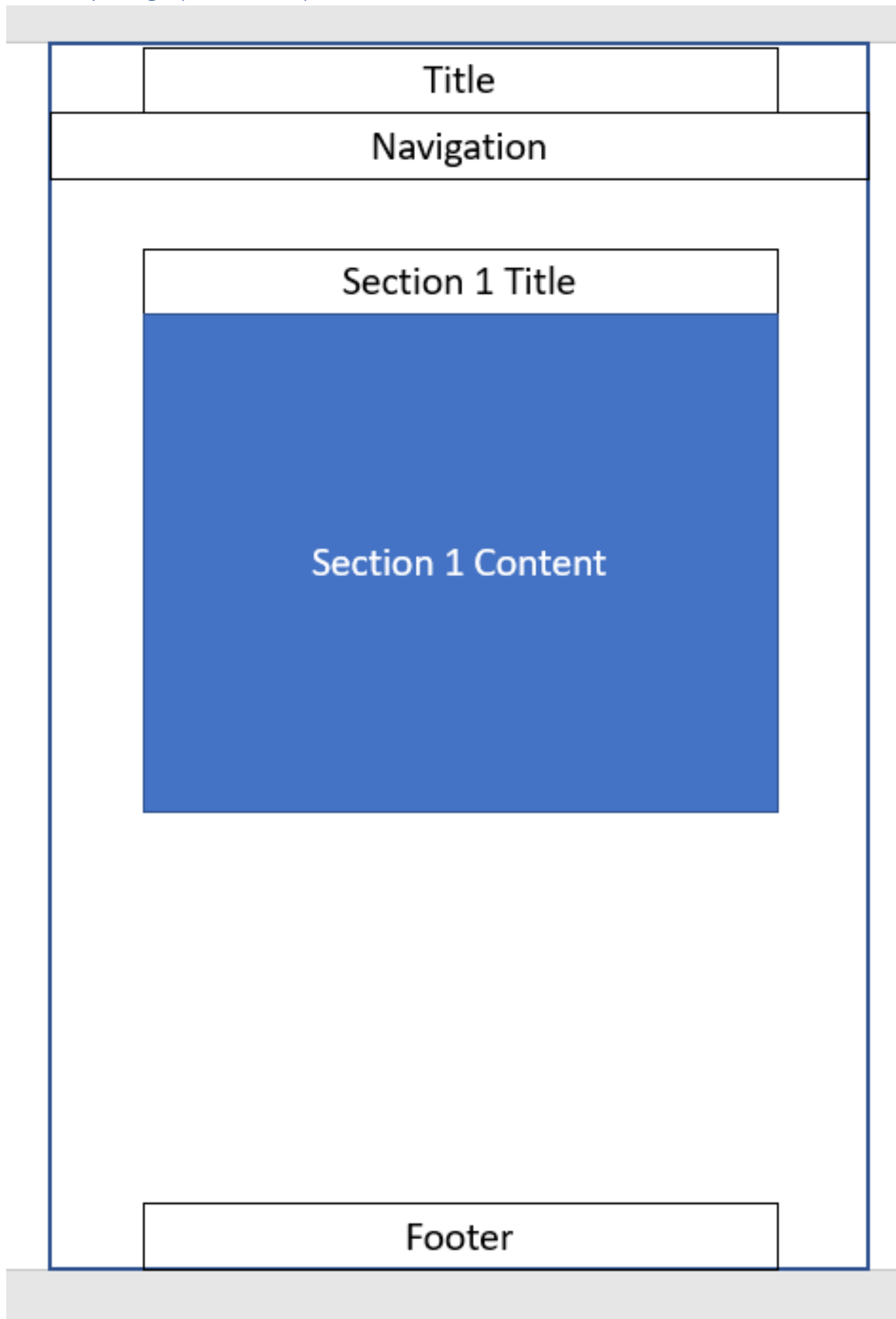




	Title	
Navigation		
	Section 1 Title	
	Section 1 Content	
	Section 2 Title	
	Section 2 Content	
	Section 2 Content	
	Section 2 Content	
	Section 3 Title	
	Section 2 Content	
Footer		

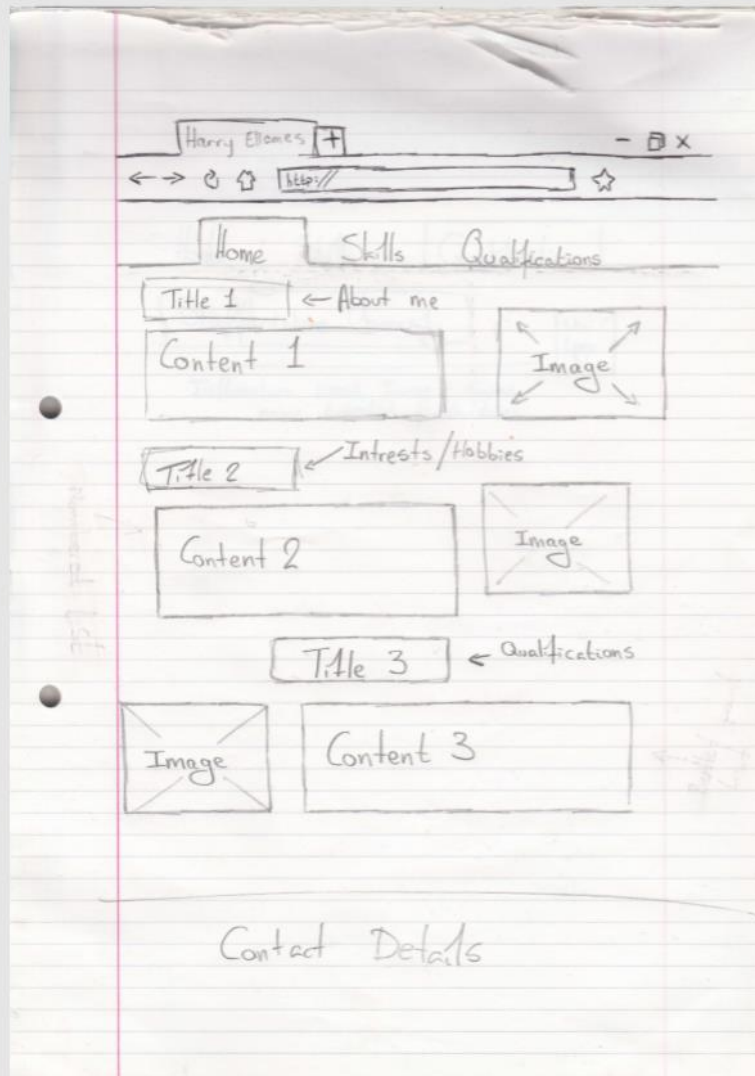






Sketches

Initial Home Page Layout

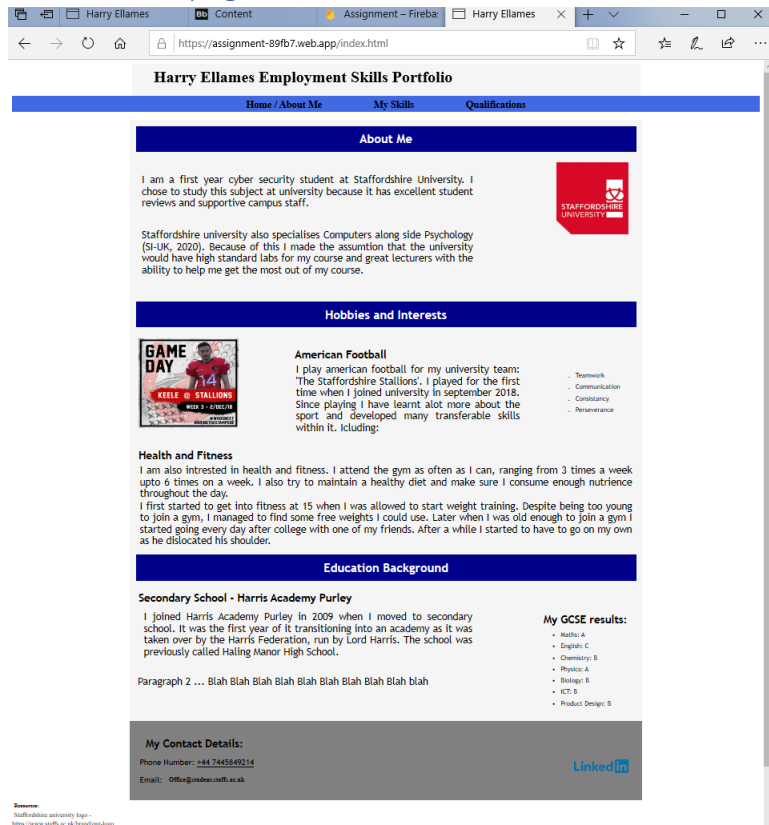


Testing

Input/Action	Reason	Expected	Actual
Click Skills page link	Test if navigation works	Takes user to skills page	Takes user to skills page
Click home page link	Test if navigation works	Takes user to home page	Takes user to home page
Click qualifications page link	Test if navigation works	Takes user to qualifications page	Takes user to qualifications page
Click on email address in footer	Test if email link works	Loads up email with email address filled in	As expected,
Click on Linked in image	Test if link in image works	Takes you to linkedin.com	Takes you to linkedin.com
Hover cursor over CSS page 2 main image	Test animation	Image should spin 360 clockwise and then back 360 degrees when you move the cursor off	As expected,

Final Page Screenshots

Home/Index page



Skills page

Harry Ellames Employment Skills Portfolio

Home / About Me My Skills Qualifications

What is CSS

CSS stands for Cascading Style Sheet. It is used to change the styling of the page. This includes text font, size and colour.

Style Page 1

I have styled this page like this primarily to show animation techniques. It is used in the h3 header type. I got it to fade colour back forth 3 times (Pink to purple) before going back its base colour (Blue). I used the @keyframes animation to do this. I also animated the cyber security main image, again with @keyframes, to make it move left and right across the screen 4 times. I have also implemented a transition into the GCHQ logo. If you hover your cursor over the image it will stretch horizontally.

Link to style page 1: [Style Page 1](#)

Style Page 2

I have styled this page like this to show how different CSS can effect the layout of a page. I will be using the same html page as Style Page 1 so that you can see the difference in the page layout. I have limited the width of the first paragraph and floated it to the right to allow the main cyber security image to sit on the left hand side of the page. I also formatted the GCHQ section to put their logo in the middle of the page and move their mission areas to the right side of the page with their mission statement on the left. I have also changed some of the fonts and font sizes. I have also included a transition in the cyber security main image (360 degree spin) to further show animation techniques.

Link to style page 2: [Style Page 2](#)

What is ECMAScript

ECMA-Script, better known as JavaScript, is used in websites to make the page more interactive. Although ECMA-Script and JavaScript are essentially the same, ECMA-script refers to the specification where as JavaScript is the actual programming language. JavaScript allows the developer to store variables, utilize functions and create if statements, alongside many other techniques. This helps broaden the possibilities of interactive methods used within the website.

I have created a page to demonstrate some Javascript/ECMA-Script with a coffee ordering system (link below).

Link to ECMAScript Page: [ECMAScript Page](#)

My Contact Details:

Phone Number: +44 7445149214
Email: Office@undercoff.co.uk

[LinkedIn](#)

Qualifications page

Harry Ellames Employment Skills Portfolio

Home / About Me My Skills Qualifications

Education

Secondary School - Harris Academy Purley

My GCSE/IBTEC results where as follows:

Topic	Subject	Grade
GCSE	Maths	A
GCSE	Physics	A
GCSE	Further Maths	B
GCSE	Chemistry	B
GCSE	Biology	A
GCSE	Information Technology	B
GCSE	Product Design	B
GCSE	English Language	C
GCSE	English Literature	C
GCSE	Citizenship	C
Btec	Physical Education	Pass

External Qualifications/Certificates

Green CSCS Card Holder

I completed a GCF Level 1 Award in Health and Safety in a Construction Environment at the start of summer 2019. This counted towards half of the requirements to achieve a Green CSCS card which is required to work on a construction site. I also had to pass a test on how to maintain safe working practices in a hazardous working environment.

Duke of Edinburgh Bronze Award

I completed the Duke of Edinburgh award in school. It consisted of a 2 day expedition, 3 months volunteer work, 3 months of a physical activity and 6 months learning/developing a skill. For my Volunteering section I helped out at my local beaver scouts. For the physical section I did kick boxing where I trained twice a week. For the skill section I used my piano lessons which I achieved a grade 4 in piano.

The Associated Board of the Royal Schools of Music - Grade 4 Piano

Employment History

Waitrose

I worked for waitrose for 2 years as a warehouse assistant.

Resourcing Group

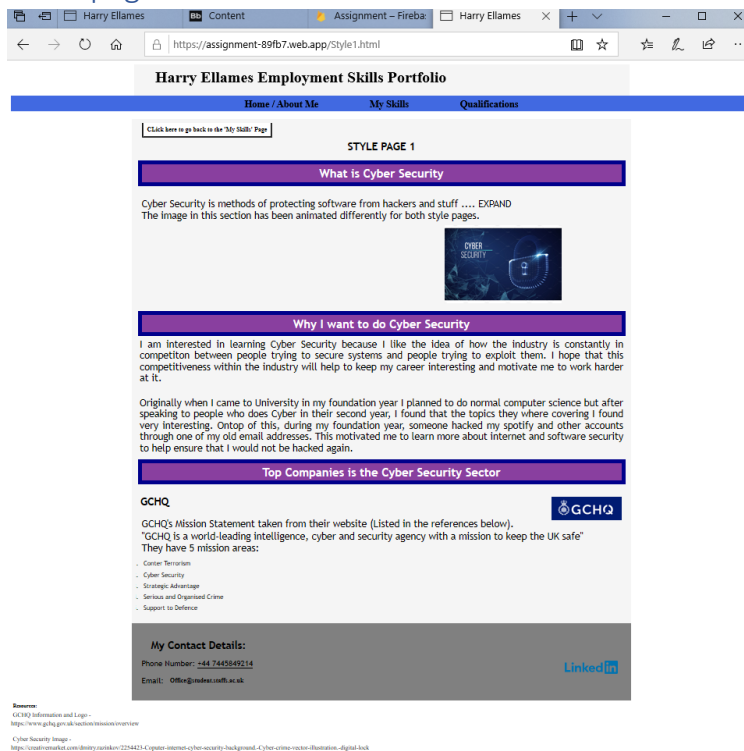
I worked as a construction labourer for 3 months over the summer of 2019.

My Contact Details:

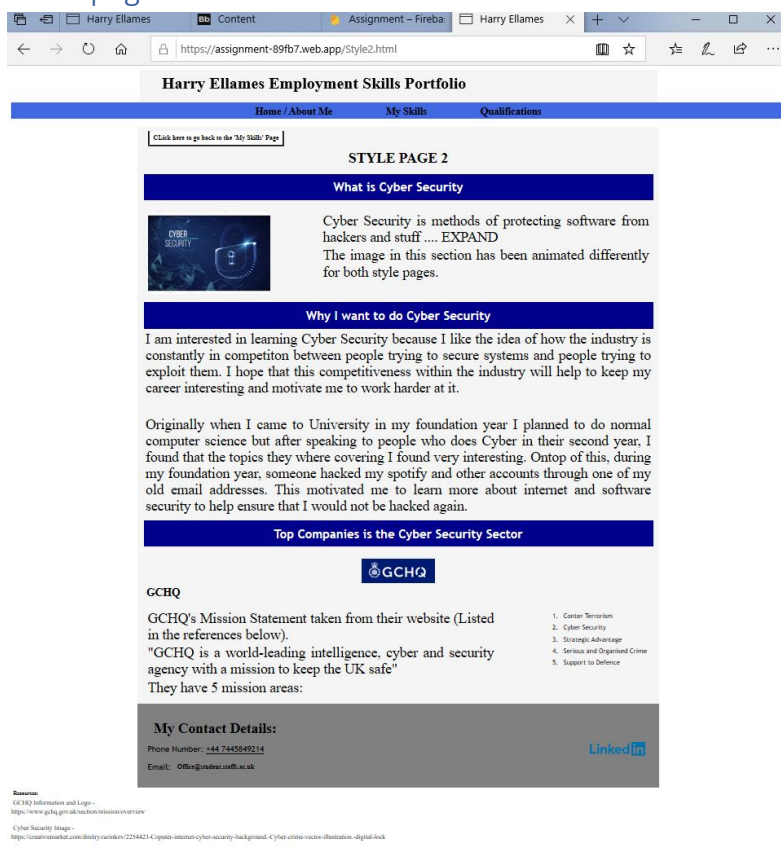
Phone Number: +44 7445149214
Email: Office@undercoff.co.uk

[LinkedIn](#)

CSS 1 page



CSS 2 page



ECMA-Script page

Harry Ellames

Content

Assignment – Fireba

Harry Ellames

←

→

↺

🏠

🔒

https://assignment-89fb7.web.app/ECMAScript.html

🔖

☆

🔍

🔗

⋮

Harry Ellames Employment Skills Portfolio

Home / About MeMy SkillsQualifications

Menu:

Add to Favourites

Order Favourites

Coffee type:

Coffee type:

Pick a Coffee type

Coffee Size:

Medium

Milk type:

Semi-Skimmed

Extras:

Sugar:

No

 Cream:

No

 Shots of syrup:

0

Add To Order

Current Drink: £ 0.00

Total Cost: £ 0.00

Order Summary:

Place Order

My Contact Details:

Phone Number: +44 7445849214

Email: Office@redes.co.uk

Linked