

The Ramen Shop Website Development Report – Alex Legner – 270168960

Development Process:

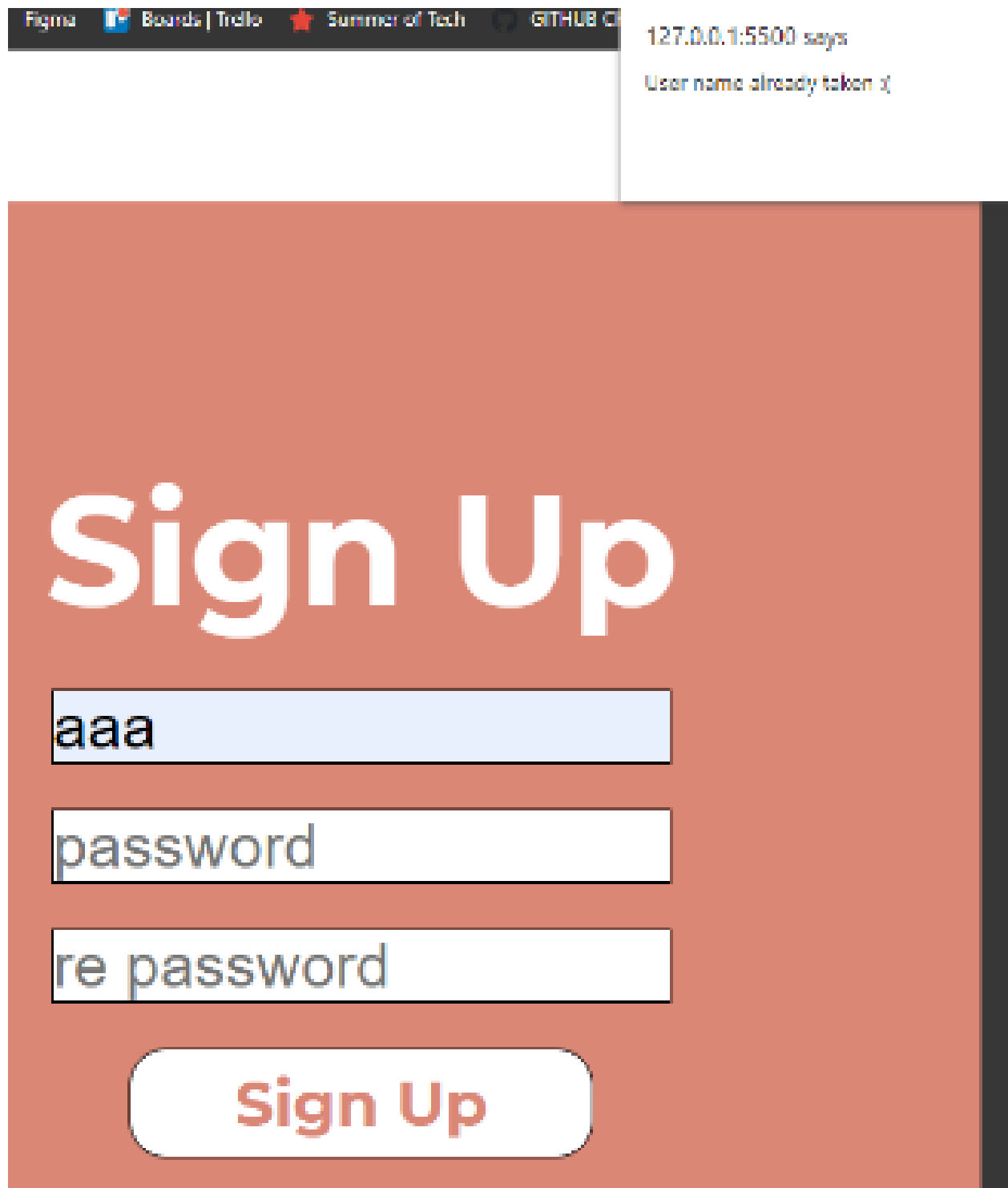
Html Structuring – The first part of the development process was to structure the website elements. This involved using the HiFi Prototype to determine where the element should be structured in the DOM. I reused the header and footer / content combo for most pages.



CSS Styling – After the structure was implemented, I had to style each element and layout elements correctly. Each page has its own CSS file so it doesn't need to load a big file each page, the generic main.css handles the header/footer/content-holder for most pages to reuse as much code as possible.



JavaScript Functionality – After the website was styled, I added the functionality to the website to allow for signing in / out, account creation and ordering. The functionality appears to be working to the user as required.



Code Validation – After finishing the coding I needed to validate the code. This resulted in a few small mistakes which the browser was automatically fixing which I didn't pick up but after the validation the code was complete and correct. HTML, CSS and JavaScript were all validated with no errors at the end of debugging.

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by text input ☐ css

```
<title>The Ramen Shop</title>
</head>

<body>
  <!-- Header (Always Shown) -->
  <nav>

    <div class="nav_logo" id="top"> <!-- Logo -->
      <a href=""></a>
    </div>

    <div class="nav_links"> <!-- Middle Links -->
      <ul class="links">
        <a href=""><li>Home</li></a>
        <a href="./About.html"><li>About Us</li></a>
        <a href="./Contact.html"><li>Contact Us</li></a>
```

[Check](#)

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors a

[Message Filtering](#) 8 messages hidden by filtering

Document checking completed. No errors or warnings to show.

Source

```
1. <!DOCTYPE html>↵
2. <html lang="en">↵
3.   <head>↵
4.     <meta charset="UTF-8">↵
5.     <meta http-equiv="X-UA-Compatible" content="IE=edge">↵
6.     <meta name="viewport" content="width=device-width, initial-scale=1.0">↵
7.   ↵
8.     <link rel="icon" href="./images/logo_ind_2.png">↵
9.   ↵
10.    <link rel="stylesheet" href="./css/index.css">↵
11.  ↵
12.    <link rel="stylesheet" href="./css/main.css">↵
13.    <title>The Ramen Shop</title>↵
14.  </head>↵
15.  ↵
```

HTML Validation



The W3C CSS Validation Service

W3C CSS Validator results for TextArea (CSS level 3 + SVG)

W3C CSS Validator results for TextArea (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 c



```
<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>
```

(close the img tag with > instead of /> if using HTML <= 4.01)

W3C DEVELOPERS

If you like, you can download a copy of this image to keep in your local web directory, and chang

If you would like to create a link to this page (i.e., this validation result) to make it easier to re-vali

```
http://jigsaw.w3.org/css-validator/validator$link
or
http://jigsaw.w3.org/css-validator/check/referer (for HTML/XML document only)
```

(Or, you can just add the current page to your bookmarks or hotlist.)

Valid CSS information

```
@font-face {
  font-family : Montserrat;
  src : url(../fonts/Montserrat\ Bold\ 700.ttf);
}
```

```
@font-face {
  font-family : Montserrat-Medium;
  src : url(../fonts/Montserrat\ Medium\ 500.ttf);
}
```

```
* {
  margin : 0;
  padding : 0;
  box-sizing : border-box;
  text-decoration : none;
  letter-spacing : 0.1ch;
}
```

```

1 // Button Id's
2 const signInButton = document.querySelector("#signinoutButton");
3
4 const navOrderButton = document.querySelector("#Order_Now_Button_Nav");
5
6 function OrderNowButton(){
7     console.log("Attempting to login after click!!");
8
9
10    let loggedIn = GetStoredData("loggedIn");
11    if(loggedIn == "" || loggedIn == "false"){
12        console.log("NOT logged in");
13        // Take to sign up page
14        window.open("./SignUp.html", "_self");
15    }
16    else{
17        console.log("ALREADY logged in");
18        // Take to ordering page
19        window.open("./Ordering.html", "_self");
20    }
21 }
22
23 function GetStoredData(key){
24     let data = getCookie(key);
25     if(data == null){
26         data = "";
27     }
28     return data;
29 }
30
31 function getCookie(name) {
32     // Split cookie string and get all individual name=value pairs in an array
33     var cookieArr = document.cookie.split(";");
34
35     // Loop through the array elements
36     for(var i = 0; i < cookieArr.length; i++) {
37         var cookiePair = cookieArr[i].split("=");
38
39         /* Removing whitespace at the beginning of the cookie name
40         and compare it with the given string */
41         if(name == cookiePair[0].trim()) {
42             // Decode the cookie value and return
43             return decodeURIComponent(cookiePair[1]);
44         }
45     }
46
47     // Return null if not found
48     return null;
49 }
50
51 function setCookie(name, value, daysToLive = 365) {
52     // Encode value in order to escape semicolons, commas, and whitespace
53     var cookie = name + "=" + encodeURIComponent(value);
54
55     if (typeof daysToLive === "number") {
56         /* Sets the max-age attribute so that the cookie expires
57         after the specified number of days */
58         cookie += "; max-age=" + (daysToLive*24*60*60);
59     }
60
61     document.cookie = cookie;
62 }
63

```

CONFIGURE

Metrics

There are 5 functions in this file.

Function with the largest signature take 3 arguments, while the median is 1.


Largest function has 7 statements in it, while the median is 6.

The most complex function has a cyclomatic complexity value of 4 while the median is 3.

Three unused variables

- 4 navOrderButton
- 6 OrderNowButton
- 80 signOutIn




JavaScript validator



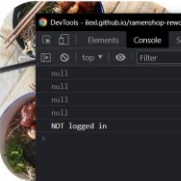


[Home](#)
[About Us](#)
[Contact Us](#)
[Photos](#)
[Menu](#)

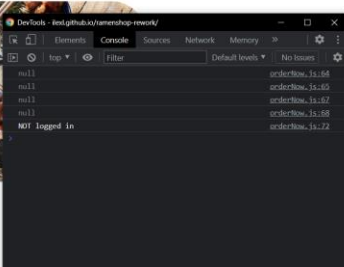
[Order Now](#)
[Sign In](#)

The Ramen Shop

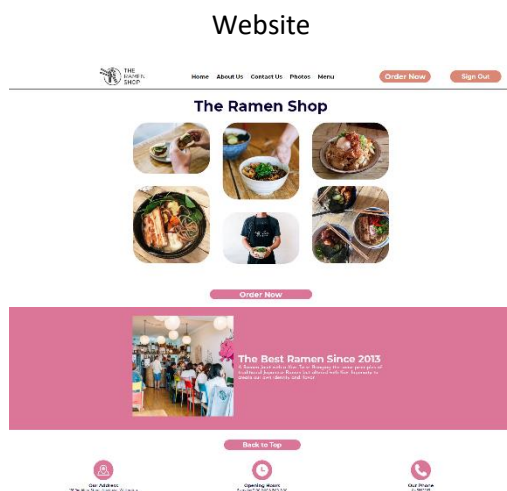
[Order Now](#)



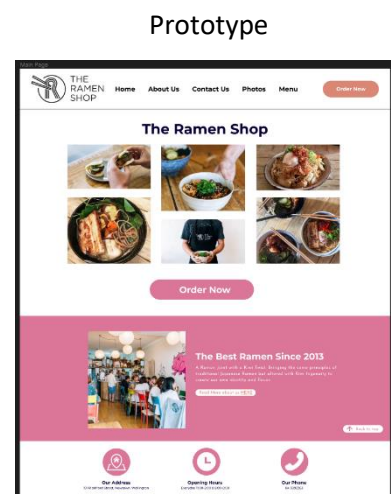
Console shows no errors

Tester 5: “The layout is clean and exceptionally simple. Anyone should be able to use this website with ease, it was impossible to get lost around the website. A difference I noticed was the back button in the confirm order page. That one button is a time saver for sure!”

How the Prototype helped the result – The prototype was a great reference to use when developing the website. From the style guide, specific colours and fonts and design layout I was able to reference the prototype as I was coding which sped up the coding process because I had the specific values I always needed in the prototype. Most of the website remained the same as the prototype except for the footer + header spacings and image style/size. Little things like button style / symbols changed due to feedback but nothing big which alters the overall appearance of the website. Otherwise, it remains the same. I made on the fly changes as needed which included font sizes / weights and some positioning of the buttons, however the changes were made because of poor UX during development testing. One problem I faced was the lack of design for other types of devices, with no reference to a design I had to develop it as I went. This caused a delay but over time I overcame the issue by trying ideas that I liked until I was happy with the final product.



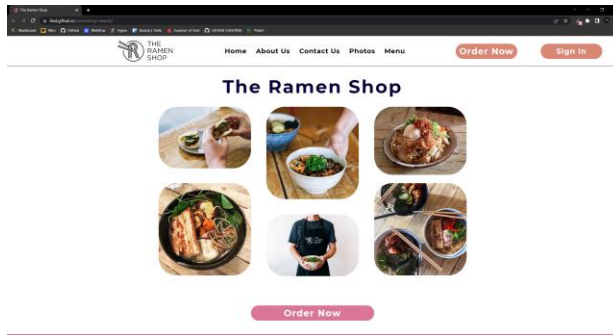
VS



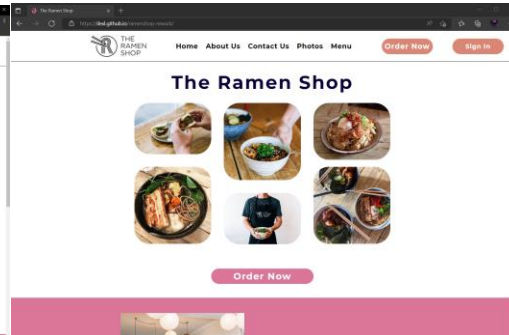
(Index only)

See figma link vs the actual website: [https://www.figma.com/file/i0YFLZHDfuQQHCc5uPtNqL/Figma-Work-\(Group\)?node-id=1%3A3](https://www.figma.com/file/i0YFLZHDfuQQHCc5uPtNqL/Figma-Work-(Group)?node-id=1%3A3) (Note you need to run a deployed or live server of the code) opening the html files directly affect the JavaScript's functionality...

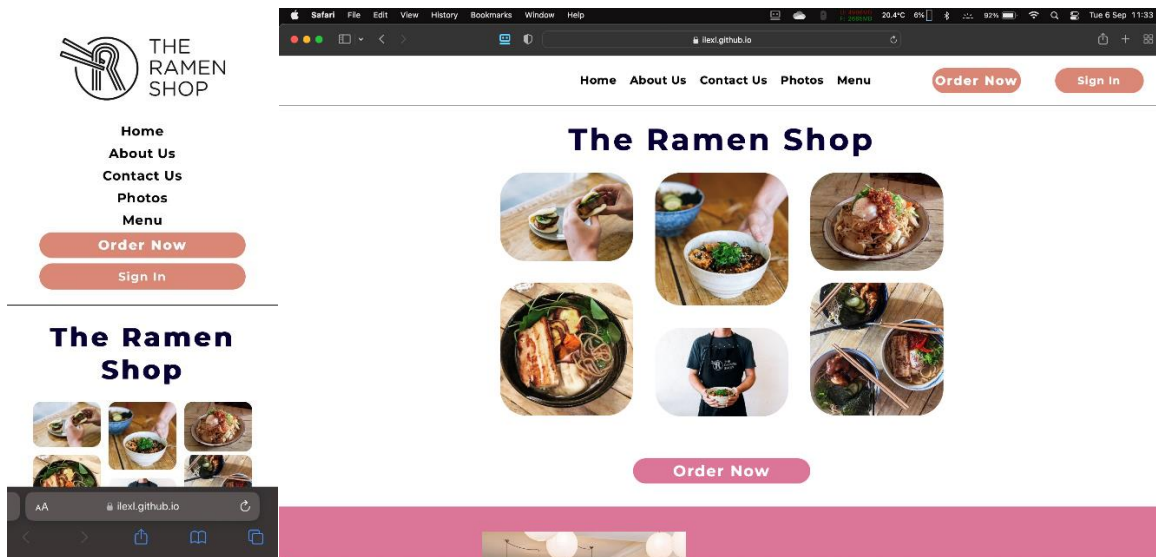
Browsers Tested: Safari, Chrome, Edge



Chrome working as expected



Edge working as expected



Safari Mobile Safari desktop working as expected

Responsiveness:

For the website to work on any device I made the CSS responsive based on the screen size.

All pages were tested and edited for their responsive screen size.

```
/* media query for tablet */  
  
@media only screen and (min-width:601px) and (max-width: 1023px) {  
  /* Changes here */  
  nav {  
    display: grid;  
    grid-template-columns: [col] 20vw [col] 20vw [col] 20vw [col] 20vw;  
    grid-template-rows: [row] 20vh [row] 10vh [row] 10vh;  
    height: 43vh;  
  }  
  
  .nav_logo {  
    width: 100%;  
    height: 100%;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    grid-row: row;  
    grid-column: col 2 / span 2;  
  }  
}
```


Tablet style was designed for medium sized devices and tablets, this is automatically shown based on the screen size. The buttons are enlarged for touch screen and text enlarged for it to be easier to read. ->



[Home](#)
[About Us](#)
[Contact Us](#)
[Photos](#)
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← Phone style – The design was made for phones of any size and increased text and buttons which were tested on phones for ease of use, the scrolling feature for the phones makes page navigation easy.

The Ramen Shop



References

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The Ramen Shop - Newtown. (2022, March 9). *Home*. Retrieved August 15, 2022, from <https://theramenshop.co.nz/>

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