

Teresa La **UX**

Hello,
I'm Teresa!
UX/UI Designer
Based in NYC

ui/ux

Designing intuitive experiences that bring people and technology together

My Work

Inside Out
Inside Out is a health-app for tracking exercise and nutrition.

Some Dumpling
Some Dumpling a small business delivering fresh-frozen dumplings

[View Project](#)

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Portfolio Case Study

Task 2.6
Teresa La

Overview

The goal of this case study is to demonstrate my capabilities and problem solving skills by creating a responsive portfolio website in multiple viewports utilizing HTML, CSS, and Javascript.

As a UX designer. it is important to not only create beautiful and intuitive designs, but to be able to understand the structure and capabilities of a website and communicate and problem solve with developers.

Context & Challenges

Problem 🤔

As a recent graduate of a UX bootcamp, I need to be able to display my projects and demonstrate that I can communicate with developers and understand HTML, CSS and Javascript.

Solution💡

I am creating a portfolio website that encompasses who I am as a designer and demonstrates my ability to understand different elements of what structures a website and its various viewports.

Typography

I chose one font for the typography because I didn't want too many clashing styles. I chose Montserrat because it is easy to read and a commonly used font that looks clean.

Montserrat H1: 1.7em

Montserrat H2: 1.6em

Montserrat H3: 1.5em

Montserrat H4: 1.2em

Montserrat body: 14px

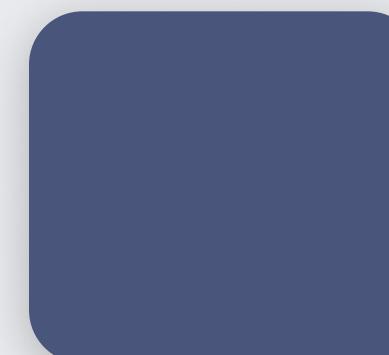
Nothing You Could Do Tagline 14px

Color Palette

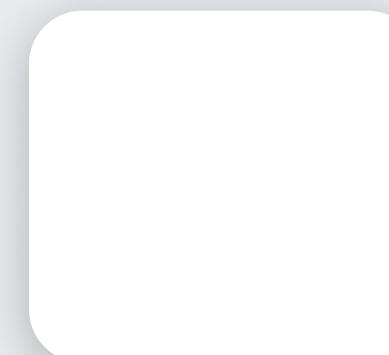
I wanted to choose a cool toned palette that was very modern to reflect my style and design choices. The pages would be mostly white with pops of cool-toned colors with the headings and buttons.



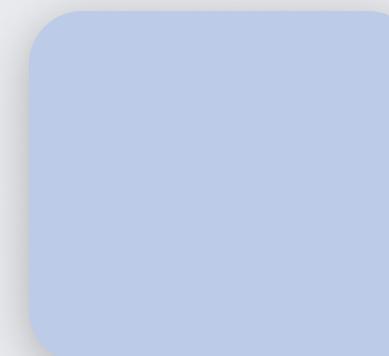
Hex #2F2183



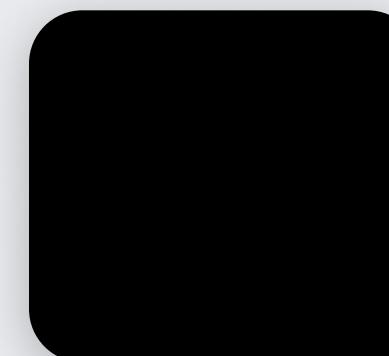
Hex #4A557B



Hex #FFFFFF



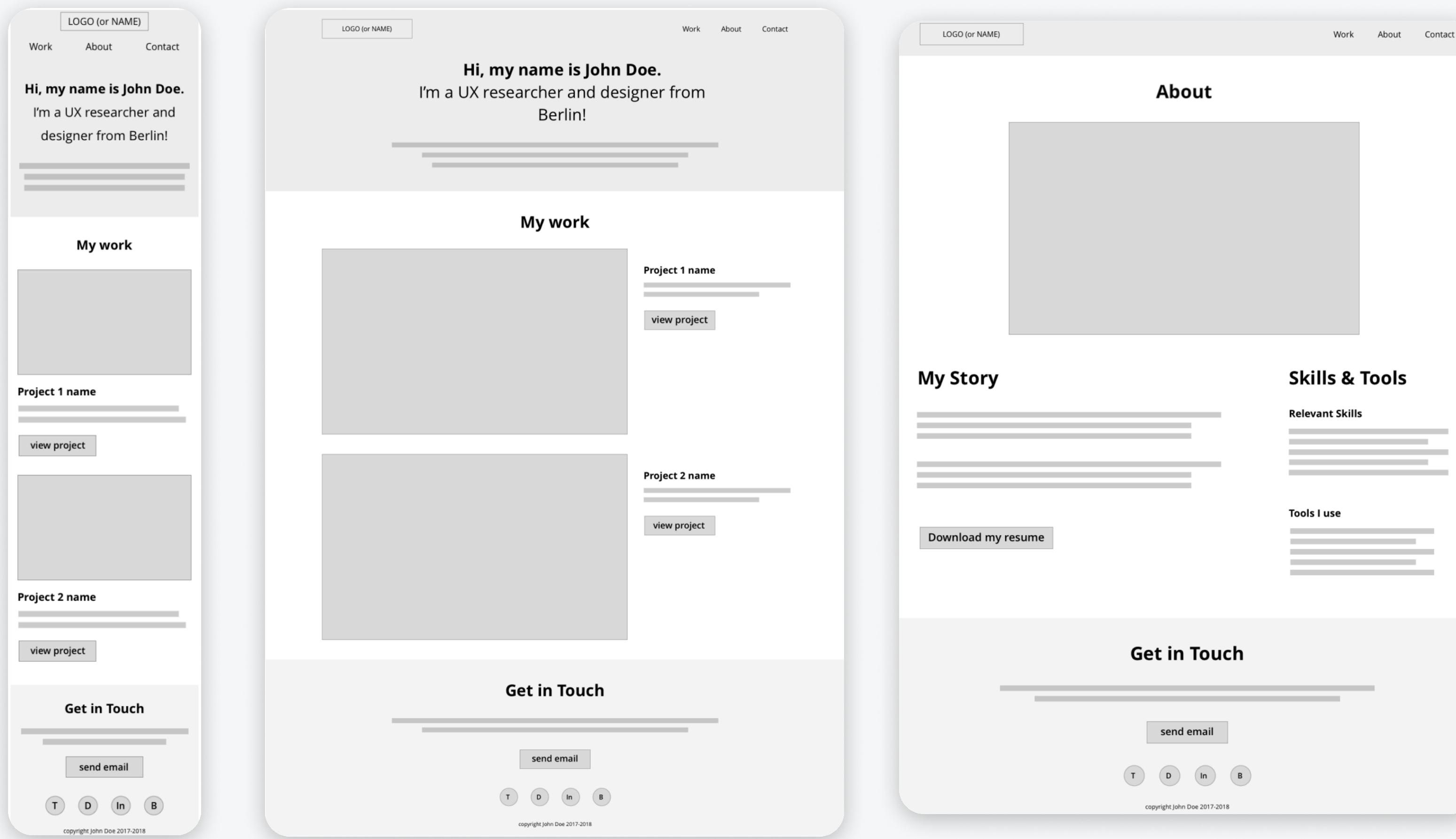
Hex #BCCBE8



Hex #000000

Wireframes

I used these wireframes as a foundation for laying out the elements for my design. When designing the logo for my website as well as the project banners, I looked to other portfolios for inspiration of what content would be necessary for a portfolio website. From this baseline, I dove into the creation the skeleton of my HTML.

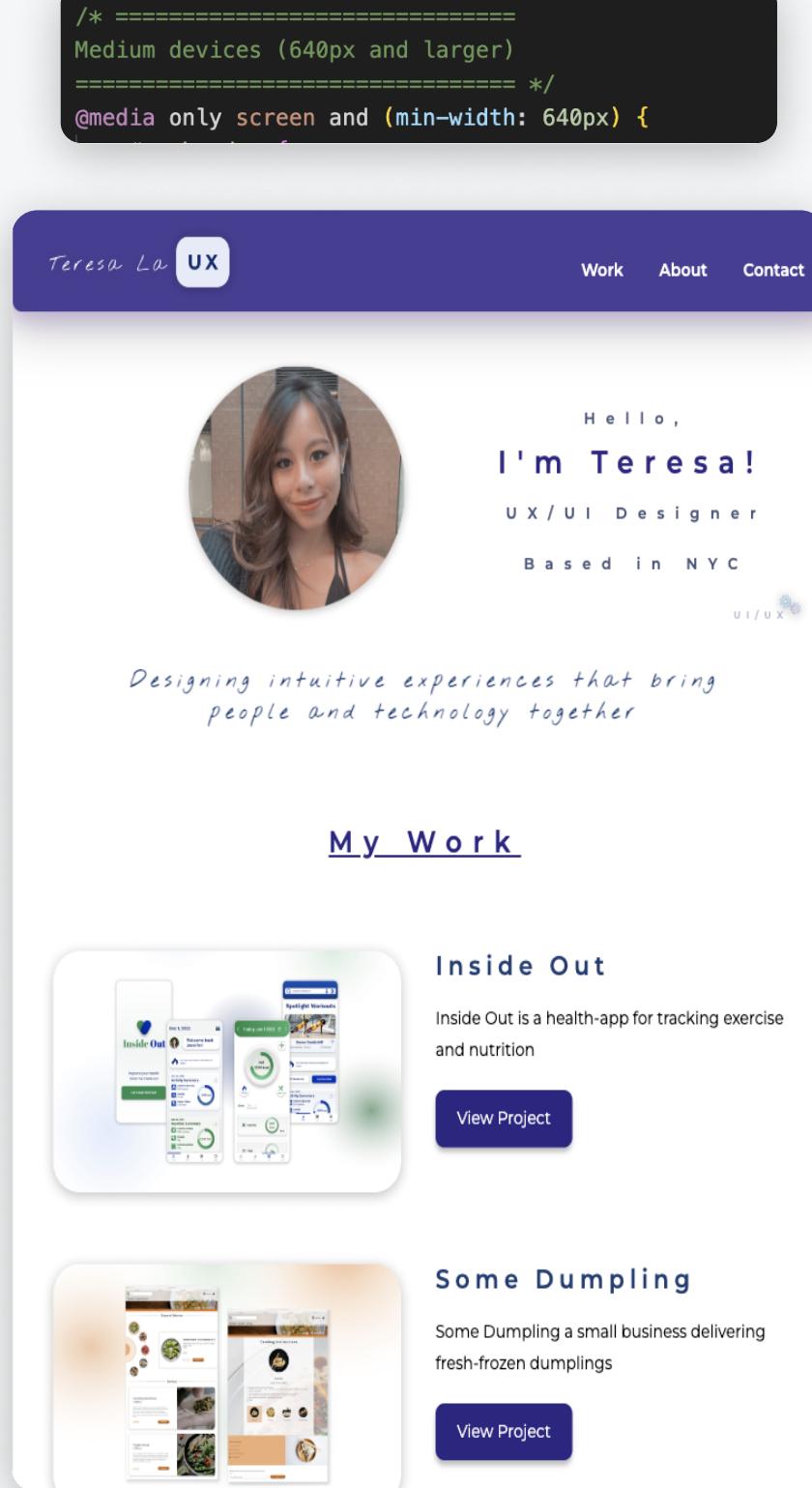
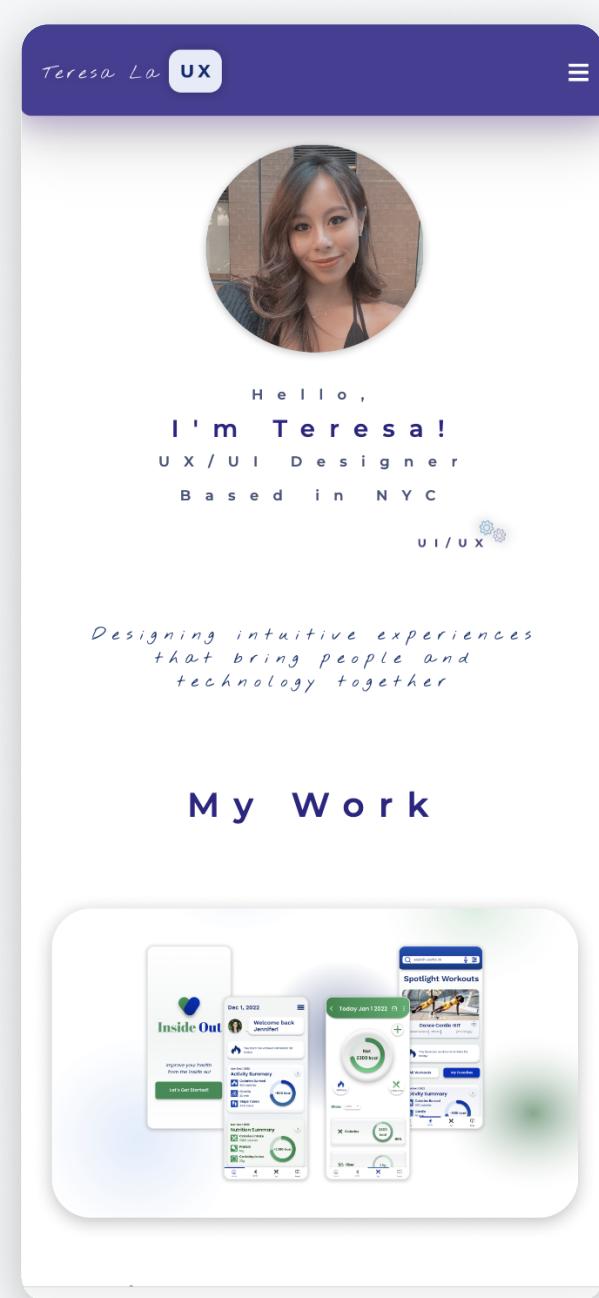


Responsive Design

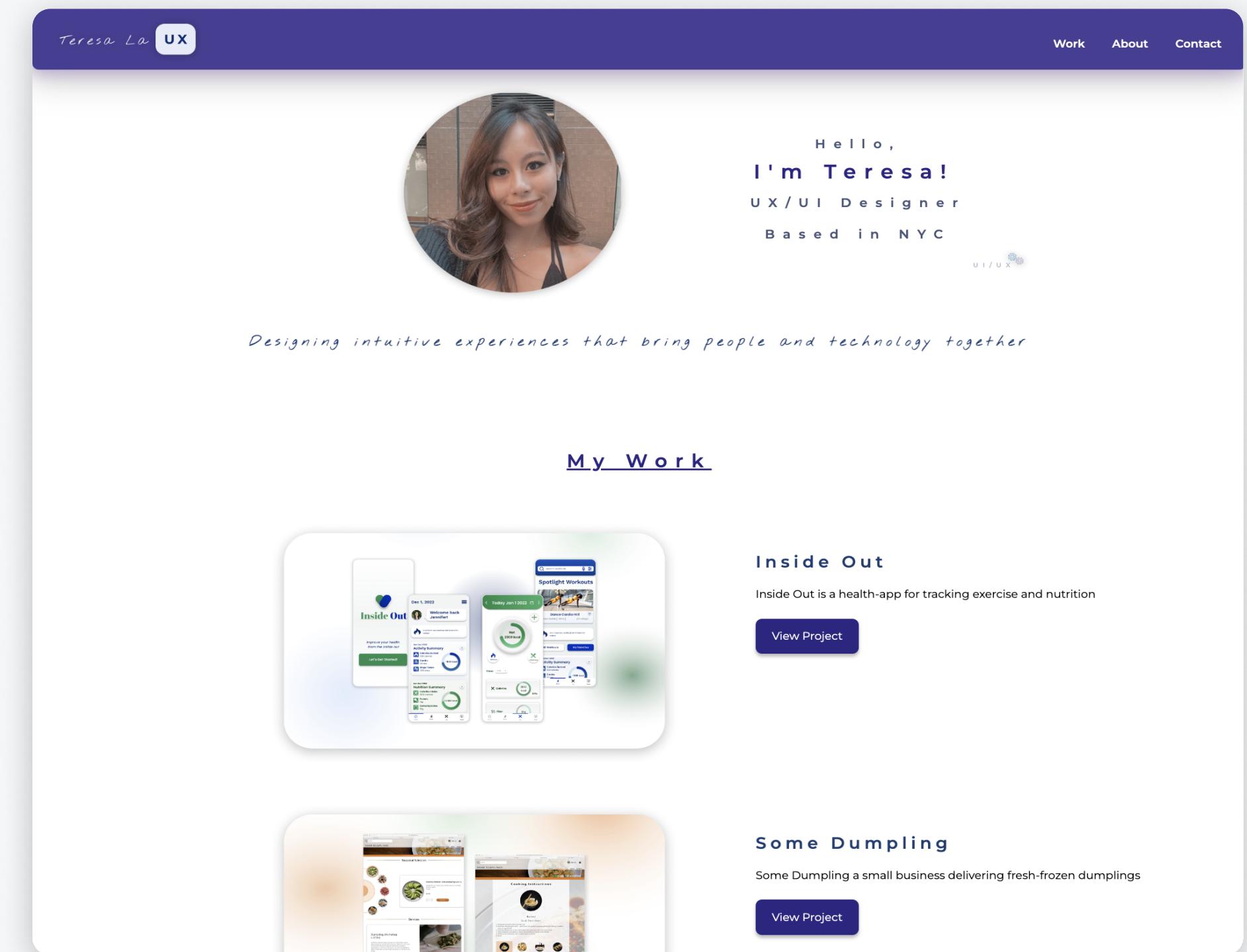
I used media queries to create breakpoints, so that I could apply styling to different viewports so that the design of my website would be accessible whether the user were to be on a mobile device, tablet or desktop.

I designed with the mobile-first concept and then adapted my design for larger viewports from there.

Mobile First



```
/* =====
Medium devices (640px and larger)
=====
@media only screen and (min-width: 640px) {
```



```
/* =====
Large devices (1024px or larger)
=====
@media only screen and (min-width: 1024px) {
```

Beginning to Code

During my course, I learned how to build the HTML of a website from the ground up. I learned about the various containers and how they would hold different elements that could be manipulated and styled with code.

After finishing my HTML, I then started styling my pages with CSS, which allowed me to bring out my personal style and visual design skills. This is also where I began breaking down the viewports for medium and large screen sizes and styling those individually for accessibility across all devices.

Finally, I created an animated menu toggle with Javascript in the mobile viewport.

```
js > JS script.js > ...
1  console.log("Hello! Welcome to My Portfolio!")
2
3  function menuToggle() {
4    var x= document.getElementById('myNavtoggle');
5    if (x.className === 'navtoggle'){
6      x.className += ' responsive';
7    } else {
8      x.className = 'navtoggle';
9    }
10 }
11
```

Javascript

```
CSS > # style.css > main
1  /*
2   Colors Used:
3   Header/Footer Color: Blue #4A557B
4   Button Color Color: Purple #2F2183
5   Header 1,2 Color: Blue #4A557B
6   Header 3,4 Color: Blue #5E7AAE
7  */
8  * {
9    box-sizing: border-box;
10 }
11 body {
12   color: black;
13   background-color: white;
14   font-family: 'Montserrat', sans-serif;
15   font-size: 14px; /*sets the font size to 14*/
16   font-weight: 400; /*sets the font weight to 400*/
17   line-height: 1.8em; /*sets the line height to 1.8*/
18
19 }
20 h1, h2, h3, h4 {
21   line-height: 1.4em;
22 }
23 h1 {
24   margin: auto;
25   display: block;
26   font-size: 1.7em;
27   color: #2F2183;
28   font-weight: 600;
29   letter-spacing: 10px;
30 }
31 h1 > span {
32   display: block;
33   font-size: 0.6em;
34   color: #4A557B;
35 }
36 }
37 #hero-text{
38   font-size: 1.2em;
```

CSS

```
↳ InsideOut.html > HTML > body.container > main
1  <!DOCTYPE html>
2
3  <html lang="en" dir="ltr">
4    <head>
5      <meta name="viewport" content="width=device-width, initial-scale=1" />
6      <meta charset="utf-8" />
7      <link rel="preconnect" href="https://fonts.googleapis.com" />
8      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
9      <link
10        href="https://fonts.googleapis.com/css2?family=Montserrat:ital,wght@0,400;0,600;1,200&display=block"
11        rel="stylesheet"
12      />
13      <title>Teresa La</title>
14      <link
15        rel="stylesheet"
16        type="text/css"
17        href="https://necolas.github.io/normalize.css/8.0.1/normalize.css"
18      />
19      <link rel="stylesheet" type="text/css" href="css/style.css" />
20      <script
21        defer
22        src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"
23        integrity="sha384-0A1Pnstdxn0BLzCLMc re8ybwbTmemjzdNlILg807z1lUkLXozs4DHonlDtnE7fpC"
24        crossorigin="anonymous"
25      ></script>
26    </head>
27    <!--Header Section-->
28    <header id="my-header" class="container">
29      <div class="navtoggle" id="myNavtoggle">
30        <a href="index.html">
31          
```

HTML

Testing

Five usability tests were conducted with various professionals to identify and solve any major issues before finalizing the design.

Usability Report Summary

Navigation on all viewports were clear and responsive. Load times were reasonable and all the pages were properly organized. Aesthetically there were some spacing and sizing issues that can be fixed in CSS.

Organization of the project page could be organized better and columns felt awkward to read across all participants. Improved consistency in the project page would make the page more user friendly, easier to skim for recruiters and others that would like to scroll quickly while getting a good idea of what kind of previous work that has been done.

Issues	Rating	Improvements/Next Steps
Download Link for resume not working	4	Fix code in html so that the resume will download and not change the page
Project page difficult to skim and images are hard to see	3	Bold and put emphasis on important text, all for images to be clickable and made larger
Poor spacing and padding in certain areas	2	Improve spacing and padding in CSS
Poor Resume button alignment	1	Align resume button to the left for better visuals
SVG on homepage size too large	1	Remove top and bottom lines and reduce height of the SVG

Code Quality

After the major usability issues were address, I went to improve my code quality and fix any possible accessibility issues.

Code Validator

I ran my HTML through the W3C validator/HTMLHint, my CSS through StyleLint and my Javascript through StandardJS fixed any validation errors.



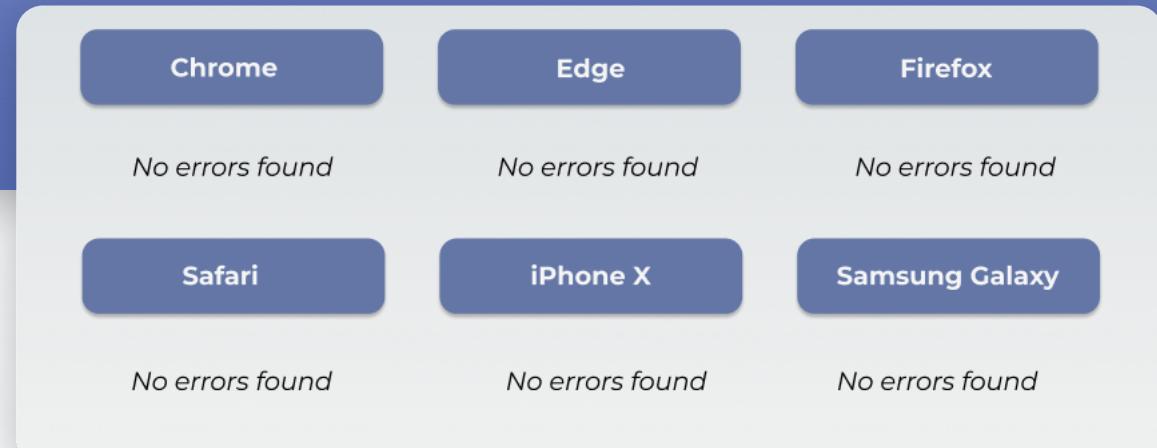
Accessibility

I ran my color palette through an accessibility checker to ensure that they were all of at least AA compliant.

Passes AA
Required contrast ratio: 4.5
Your contrast ratio: 12.6

Cross Browser Testing

To be sure that my website will run cross functionally across all browsers, I ran my website through Firefox, Safari, Edge, and Chrome as well as on an iPhone 12 and Samsung Galaxy.



Next Steps

Animation



I would like to add more animation by deepening my understanding of CSS animation and Javascript capabilities.

Beyond this course, I will dive into other resources create a more advanced website

More Content



As a continue on working on more projects, I want to add my future case studies to my portfolio website to demonstrate my capabilities.

Refine Design



I would like to learn more about CSS and how to create more advanced designs in code.

This will allow me to display my design skills and creativity.