
MARY NOODLE DOODLES

PROFESSIONAL WEBSITE FOR
CHILD CONTENT DESIGN AND
ILLUSTRATION

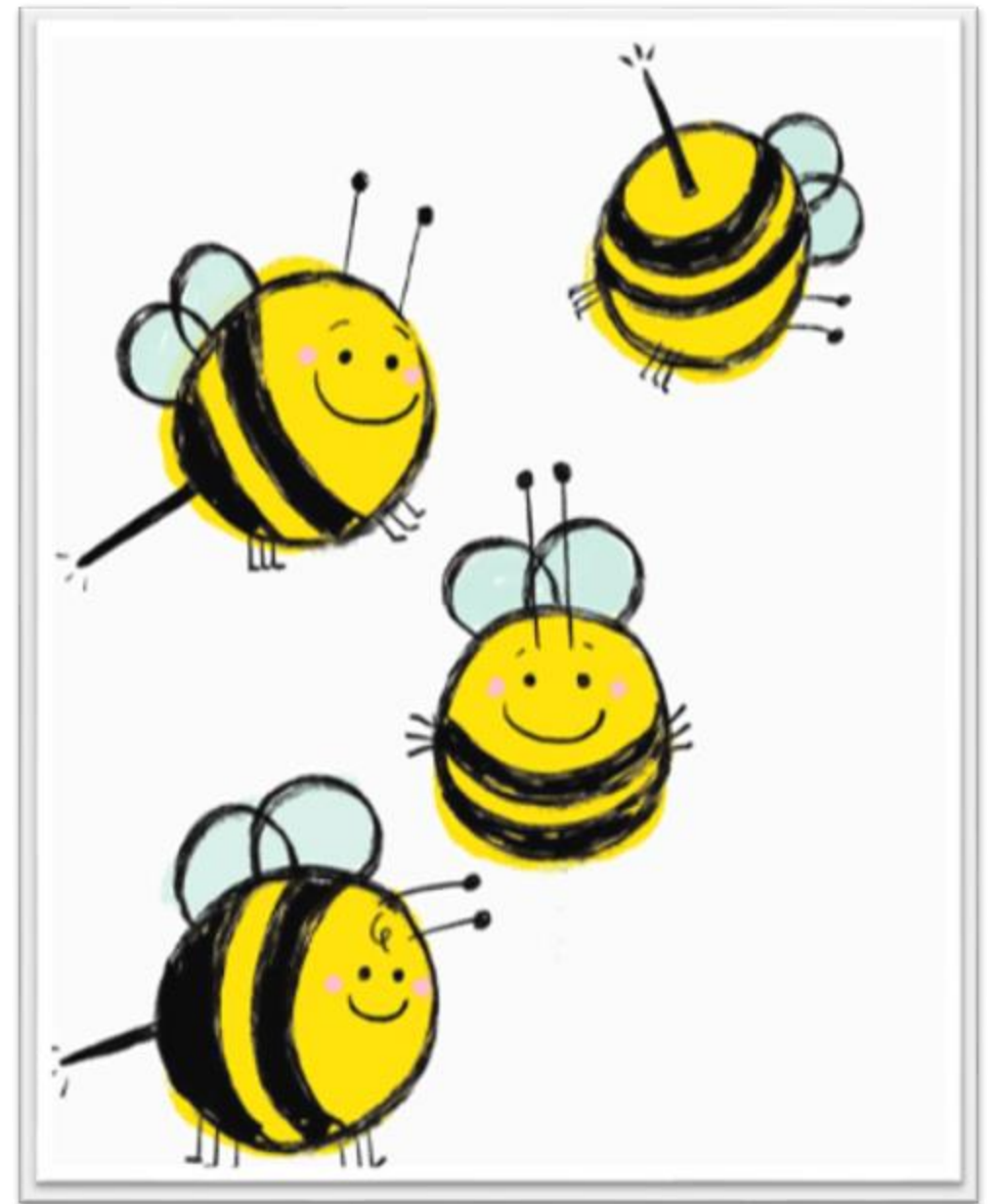
Rivera, Angie (VC1C)

Angiervr9@gmail.com; Angie.Rivera81@bcmail.cuny.edu

Supervisor: Marybeth Butler Rivera

marybeth.b.rivera@gmail.com

<https://www.marybethbutlerrivera.com/>



ABSTRACT




This project aims to create a professional, user-friendly website for Marybeth Butler, a talented child content designer and illustrator, to help her reach scouts and potential clients in the children's content design industry. The website will serve as a portfolio platform that highlights Marybeth's work, making it easily accessible to potential clients and scouts looking for creative content for children. The goal is to build a visually appealing and responsive website that integrates a contact form, SEO optimization, and social media sharing, offering an efficient way for users to inquire about services. The project will focus on the technical aspects of building a robust platform, including web development, form handling, and ensuring a smooth user experience across devices.

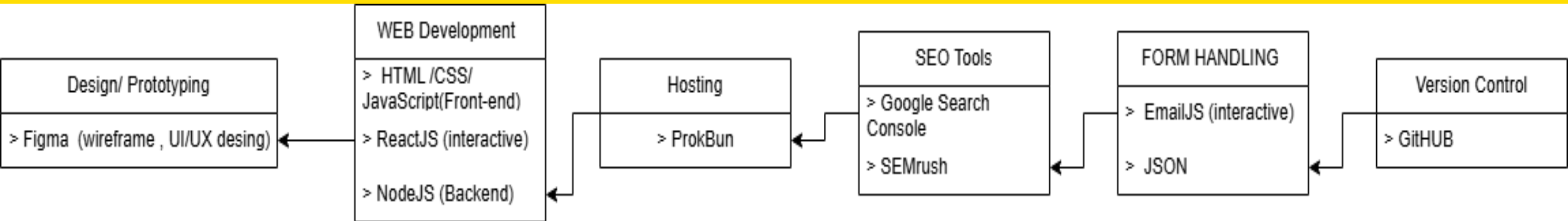
MY ROLE & SPECIALTIES

As the sole developer on this project, I was responsible for both frontend and backend development, including all technical research and implementation. I built the user-facing interface using HTML, CSS, and JavaScript, ensuring responsiveness and usability. While the overall layout concept and artistic direction were guided by the stakeholder, Marybeth, my focus was on translating those ideas into a functional and interactive website. My core contributions centered on frontend development, form handling, and full-stack feature implementation, while the visual and illustrative elements were exclusively provided by the stakeholder.

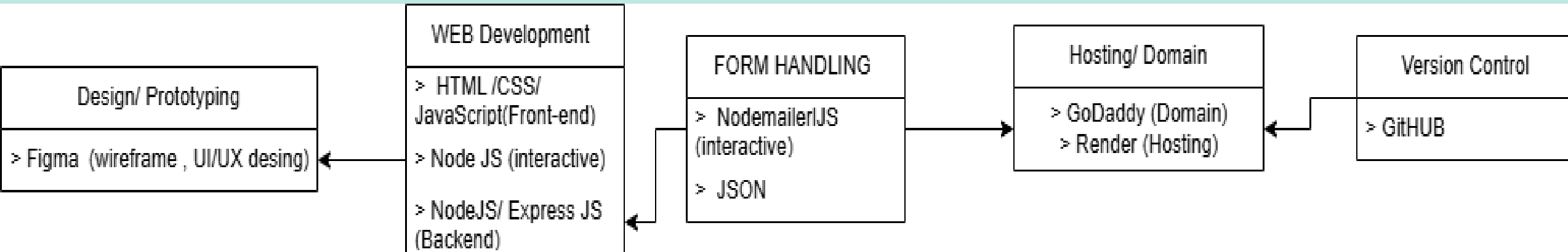
MY RESEARCH

- Throughout the development of this project, I utilized a variety of technical and educational resources:
 - HTML & CSS design and build websites by Jon Duckett (frontend for references)
 -  www.w3schools.com- Bootstrap, Lightbox, NodeJS
 - Youtube.com (deployment, domain configuration, and setting up email functionality with Nodemailer.)
 - Google-fonts/ color contrast tool: <http://davidbau.com/colors/>

PROJECT LAYOUT (DRAFT 1-2)



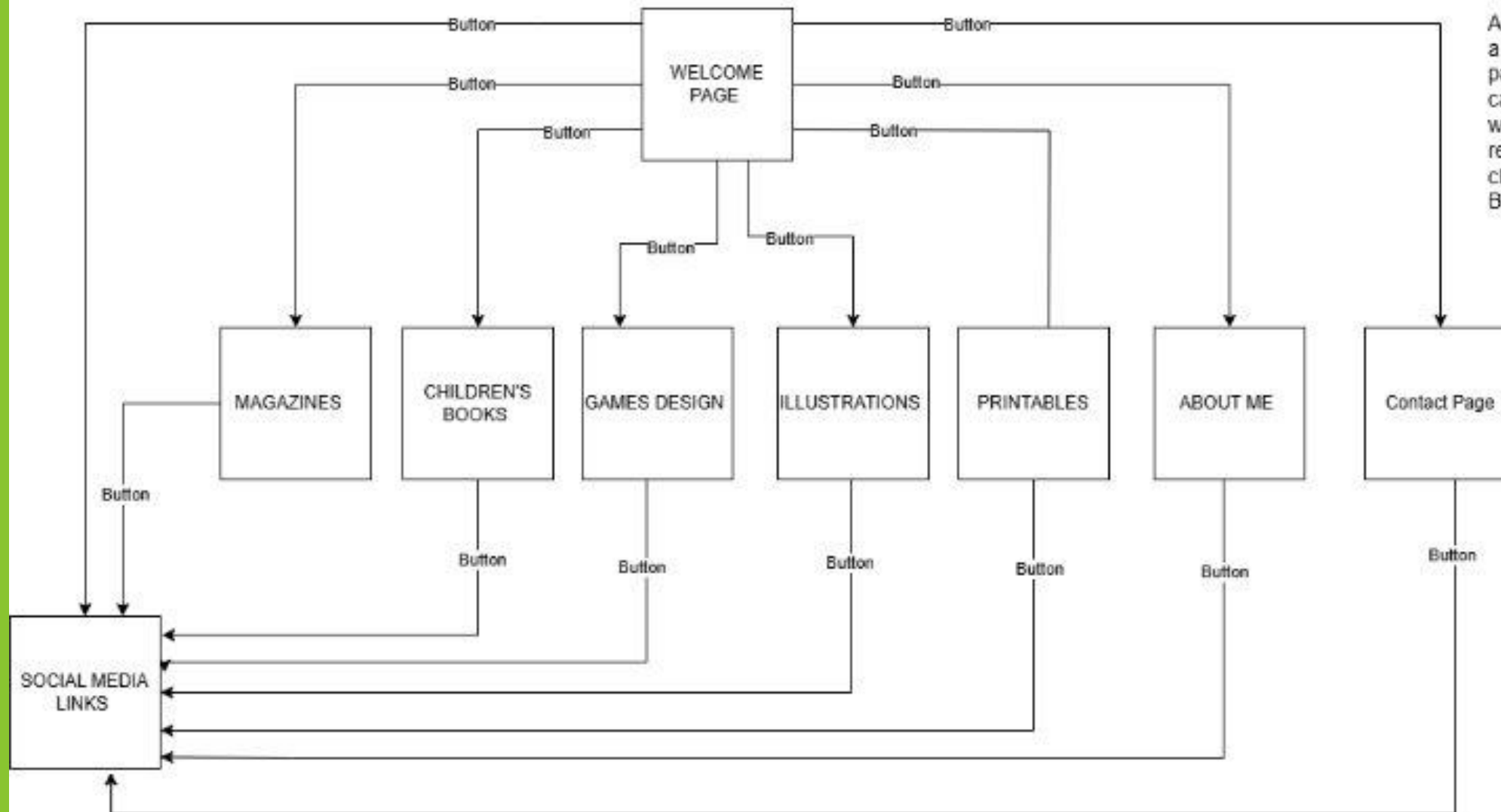
PROJECT LAYOUT (FINAL)



FRONTEND _ USER FLOW

Guide:

All users will be allowed to click a button from the welcome page that guides them to that category of their choice. Users will also have the chance to return to the main page by clicking the heading (Marybeth Bulter Rivera)

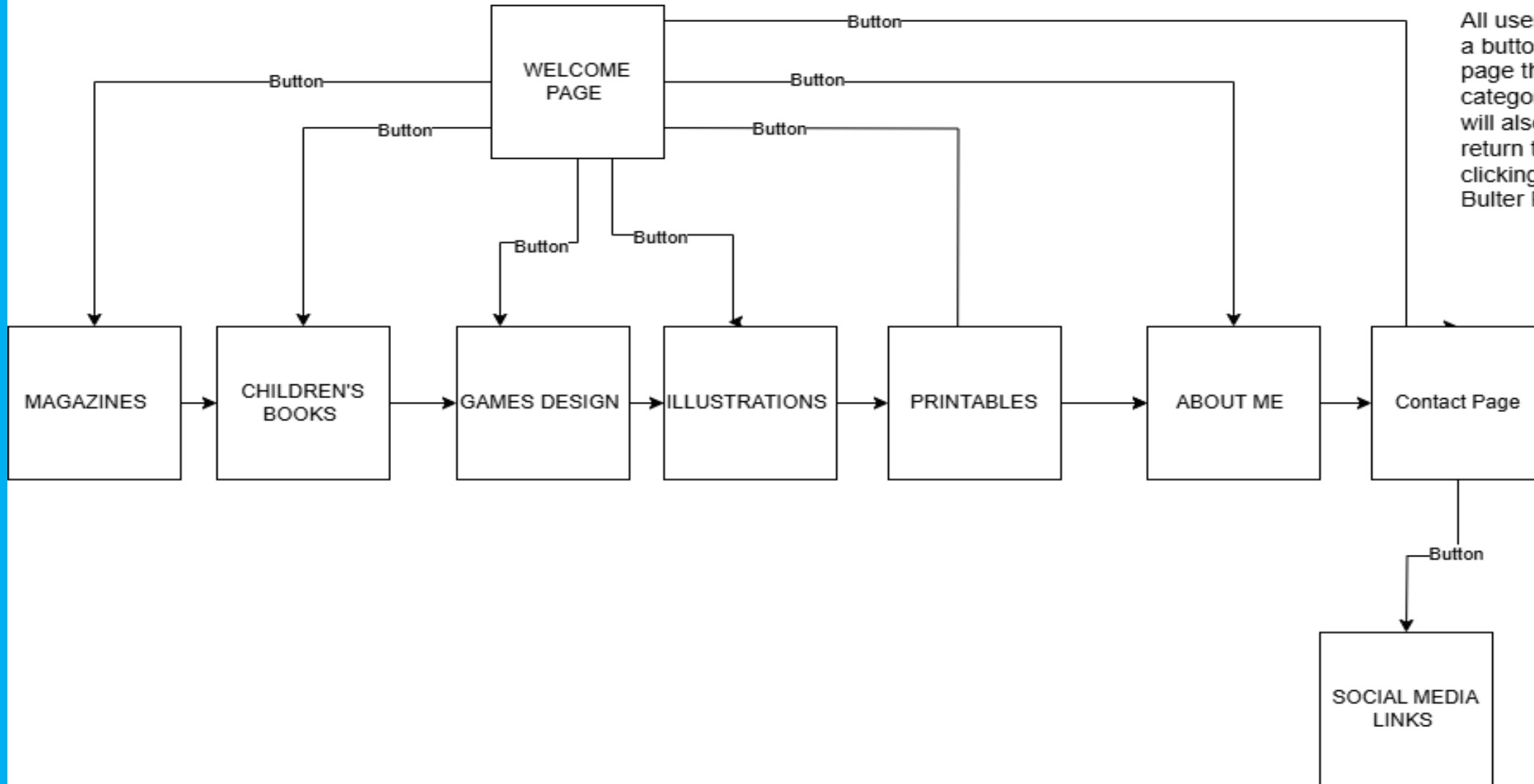


USER FLOW (DRAFT 1-2)

FRONTEND _ USER FLOW

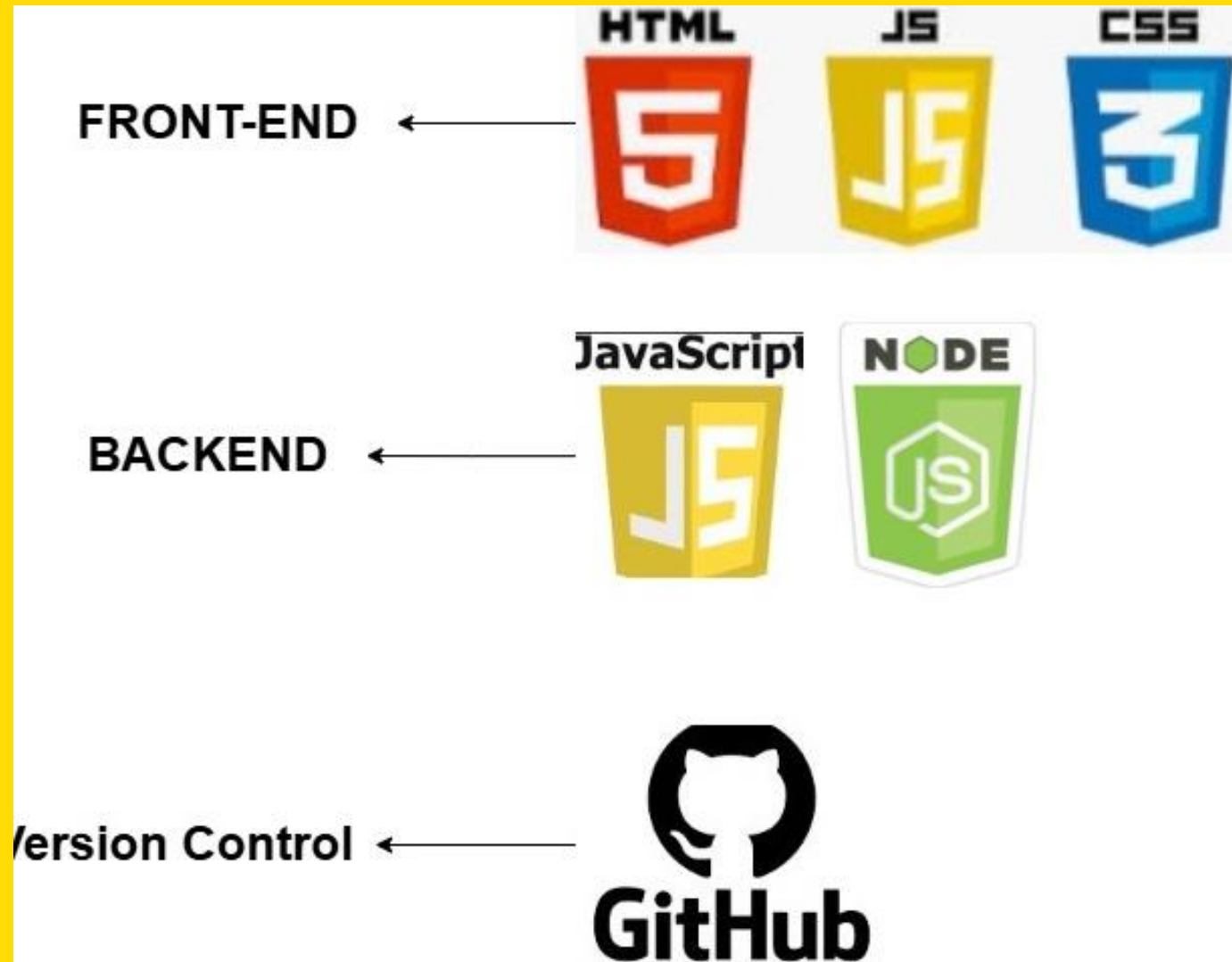
Guide:

All users will be allowed to click a button from the welcome page that guides them to that category of their choice. Users will also have the chance to return to the main page by clicking the heading {Marybeth Bulter Rivera}



USER FLOW (FINAL)

USER'S BROWSER DRAFT 1-2



DRAFT 1 (WIRE FRAME)

UPLOADING
PROFILE IMAGE/ VIDEO

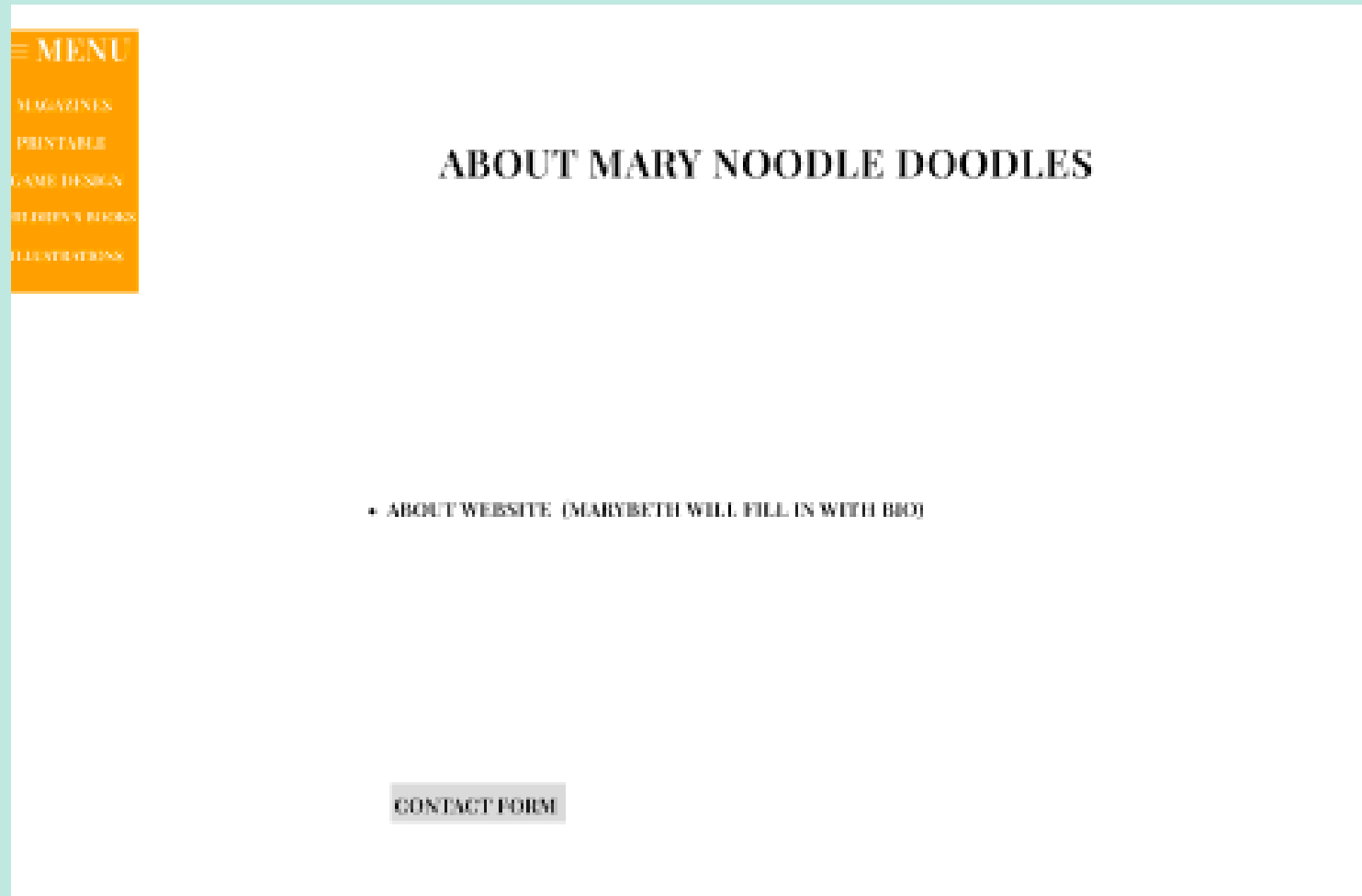
MARYBETH BUTLER RIVERA

Art Director - Designer - Illustrator

PORTFOLIO



DRAFT 1 (WIRE FRAME)



DRAFT 2 (WIRE FRAME)

MARYBETH BUTLER RIVERA

MAGAZINES

CHILDREN'S BOOKS

GAME DESIGN

ILLUSTRATIONS

PRINTABLE

ABOUT ME

CONTACT US

UPLOAD
MAGAZINE IMAGES



DRAFT 2 (WIRE FRAME)



DRAFT 2 (WIRE FRAME)

MARYBETH BUTLER RIVERA

[MAGAZINES](#)[CHILDREN'S BOOKS](#)[GAME DESIGN](#)[ILLUSTRATIONS](#)[PRINTABLE](#)[ABOUT ME](#)[CONTACT US](#)

UPLOAD
IMAGE

Last Name

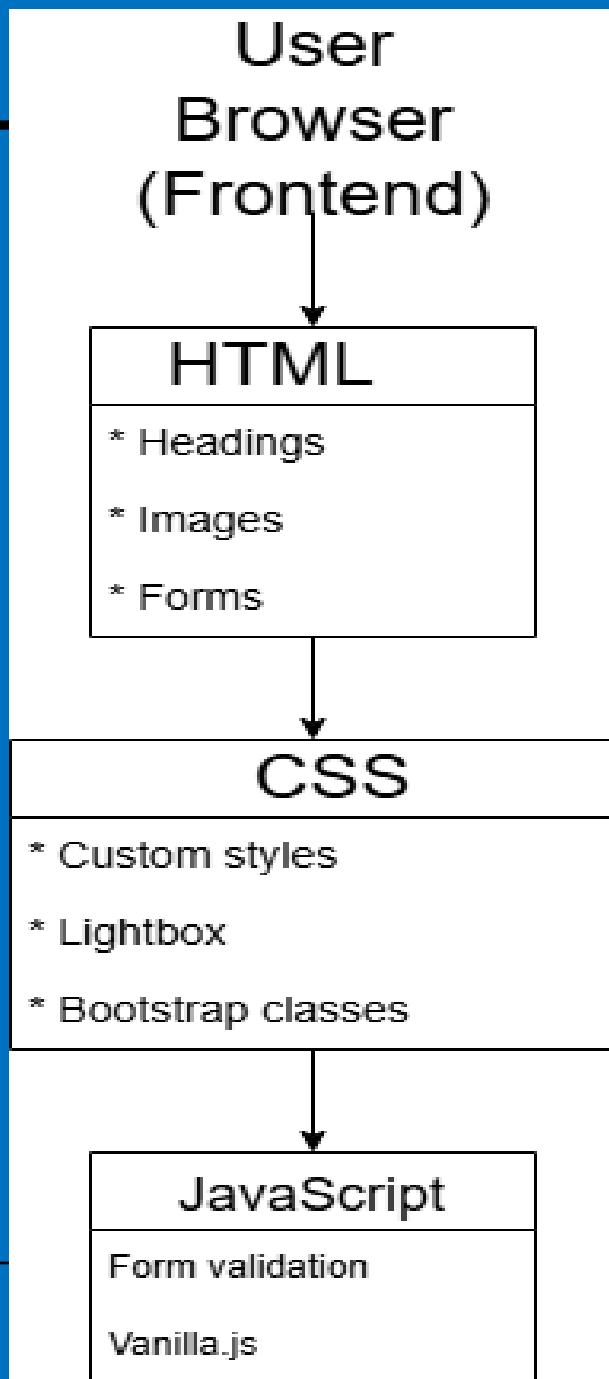
First Name

Email

Message

Submit

TOOLS USED



FRONTEND Tools

- HTML:
 - Bootstrap.css
 - Lightbox.css
 - Google font (import)
- CSS
 - Classes
 - Bootstrap.css
 - Lightbox.css
- JavaScript
 - Vanilla

USER'S BROWSER (FRONTEND)

MARYBETH BUTLER RIVERA

[Children's Books](#) [Magazines](#) [Game Design](#) [Illustrations](#) [Printable](#) [About](#) [Contact](#)

About Me

Hi I'm Marybeth.

From a young age I have always had a passion for art illustration. Being at Scholastic for 10+ allowed me to pursue this as well as gain knowledge in many different outlets of the children's publishing industry.

Having two young children of my own and seeing how they responds directly to my books and magazines has become an amazing eye opening experience. I absolutely love what I do and am always looking for new creative outlets to explore. I'm hoping I can share my knowledge and vision with you and your team!

Other passions of mine include playing the piano & guitar and taking entirely too many photos of my Old English Sheepdog Pixel.



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USER'S BROWSER (FRONTEND) DRAFT 1-2



HTML FILE

```
childrenbooks.html X
public > childrenbooks.html > html > head > title
You, 12 hours ago | 1 author (You)
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>MaryNoodleDoodles Children's Books</title> You, 3 weeks ago • Minor changes to title
7   <style>
8     html {scroll-behavior: smooth;}
9   </style>
10  <link rel="stylesheet" href="css/childrenbookstyle.css">
11 </head>
12 <body>
13   <!-- Canvas Section -->
14   <div id="canvas"></div>
15
16   <header id="header">
17     <!-- Logo Section -->
18     <div id="logo" data-content-field="site-title">
19       <a href="index.html"><h1 class="text-4xl font-bold">MARYBETH BULTER RIVERA</h1></a>
20     </div>
21
22     <!-- Desktop Navigation -->
23     <div id="topNav" data-content-field="navigation">
24       <nav class="main-nav">
25         <a class="text-blue-500 mx-2" href="childrenbooks.html">Children's Books</a>
26         <a class="text-blue-500 mx-2" href="magazines.html">Magazines</a>
27         <a class="text-blue-500 mx-2" href="game-design-section">Game Design</a>
28         <a class="text-blue-500 mx-2" href="illustrations.html">Illustrations</a>
29         <a class="text-blue-500 mx-2" href="printable.html">Printable</a>
30         <a class="text-blue-500 mx-2" href="about.html">About</a>
31         <a class="text-blue-500 mx-2" href="contact.html">Contact</a>
32       </nav>
33     </div>
34   </header>
35 </body>
36 </html>
```

CSS FILE

```
childrenbookstyle.css X
public > CSS > childrenbookstyle.css > body
6 body{
7   background-color: #f0f0f0;
8   font-family: "Indie Flower", cursive;
9   font-size: larger;
10  line-height: 1.1em;
11  letter-spacing: 0em;
12 }
13
14 header{
15   text-align: center;
16   margin-bottom: 2rem;
17 }
18
19 header h1{
20   font-size: 2.5rem;
21   font-weight: bold;
22 }
23
24 #logo a {
25   text-decoration: none;
26   color: #333;
27 }
28
29 nav {
30   text-align: center;
31   margin-top: 1rem;
32 }
33
34 nav a {
35   text-decoration: none;
36   color: #687280;
37   font-size: 1rem;
38 }
```

```
childrenbooks.js X
public > JS > childrenbooks.js > onclick
You, 33 minutes ago | 1 author (You)
1 var modal = document.getElementById("popup-modal");
2 var closeButton = document.getElementById("close-button");
3 var popupImage = document.getElementById("popup-image");
4 var artistInfo = document.getElementById("artist-info");
5
6 var images = document.querySelectorAll("#childrenbooks img");
7
8 images.forEach(function(image) {
9   image.addEventListener("click", function() {
10     var imageSrc = this.getAttribute("src");
11     var infoText = this.getAttribute("data-info");
12
13     popupImage.src = imageSrc;
14     artistInfo.textContent = infoText;
15
16     modal.style.display = "block";
17   });
18 });
19
20 closeButton.onclick = function() {
21   modal.style.display = "none";
22 }
23
24 window.onclick = function(event) {
25   if (event.target == modal) {
26     modal.style.display = "none";
27   }
28 }
```

JAVASCRIPT FILE

USER'S BROWSER (FRONTEND) FINAL



```
<main>
  <!-- Content for Children's Book -->
  <section class="container py-4" id="childrensbooks-section">
    <!--Thumbnail Images-->
    <div class="row mt-3">
      <div class="col-4 col-sm-3 col-md-2">
        

      <div class="col-4 col-sm-3 col-md-2">
        
    </div>
    <div id="myModal" class="modal">
      <span class="close cursor" onclick="closeModal()">&times;</span>
      <div class="modal-content">

        <div class="mySlides" style="display: none;">
          
        </div>

        <div class="mySlides" style="display: none;">
          
        </div>
      </div>
    </div>
  </section>
</main>
```

USER'S INTERACTION (FRONTEND) FINAL

- The pervoius code is bootstrap(Thumbnail) a responsive image gallery. It displays in a grid layout, and when clicked, they open a modal showing a larger version of the image. The modal includes next/previous arrows to navigate between slides, using JavaScript functions to control which image is visible. This provides a clean, interactive viewing experience without leaving the page



USER'S INTERACTION (FRONTEND/BACKEND) DRAFT 1-

2

MARYBETH BULTER RIVERA

[Children's Books](#) [Magazines](#) [Game Design](#) [Illustrations](#) [Printable](#) [About](#) [Contact](#)

LET'S GET IN TOUCH!

If you are interested in working with me please use the contact form below:

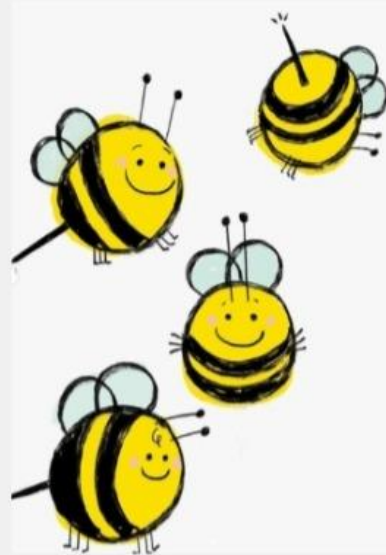
Full Name

Email Address

Subject

Your message

Submit



PENIDNG:

- Will be working on back-end work for user submissions to form (will be using node js)

USER'S INTERACTION (FRONTEND/ BACKEND) FINAL

MARYBETH BUTLER RIVERA

[Children's Books](#)

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[Game Design](#)

[Illustrations](#)

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LET'S GET IN TOUCH!

If you are interested in working with me please use the contact form below:

Submit

TROUBLES (FRONTEND)

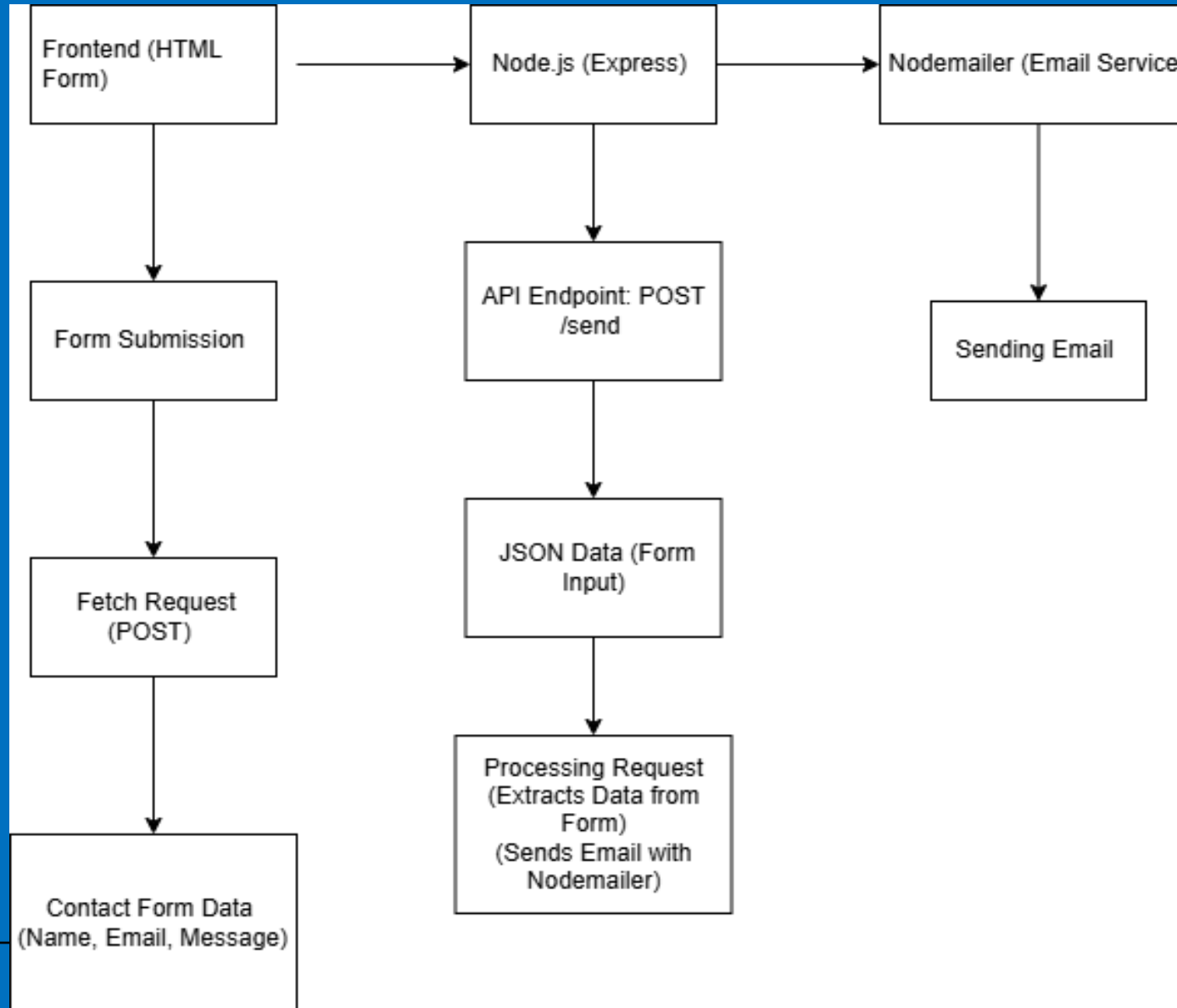
- I faced challenges with adjusting images for consistent display across different screen sizes, ensuring they were properly scaled and centered. Maintaining design consistency across pages was also difficult, as aligning text and elements required careful attention. Additionally, managing CSS classes and Bootstrap columns posed issues, often leading to layout shifts or broken responsiveness. These challenges highlighted the importance of careful layout planning and reusable class structures.

```
<div class="col-4 col-sm-3 col-md-2">
```

```
<div class="modal-content">
```

```
.modal-content {  
  margin: auto;  
  display: block;  
  width: 90%;  
  max-width: 400px;  
  background-color: #fefefe;  
  border: 1px solid #888;  
  border-radius: 8px;  
}
```

TOOLS USED FOR THE FORM (FRONTEND & BACKEND)



FORM ACTION (FRONTEND/BACKEND)

LET'S GET IN TOUCH!

If you are interested in working with me please use the contact form below:

Angelina Bennett

anglernr28@gmail.com

Freelance Opportunity

Good evening Marybeth,

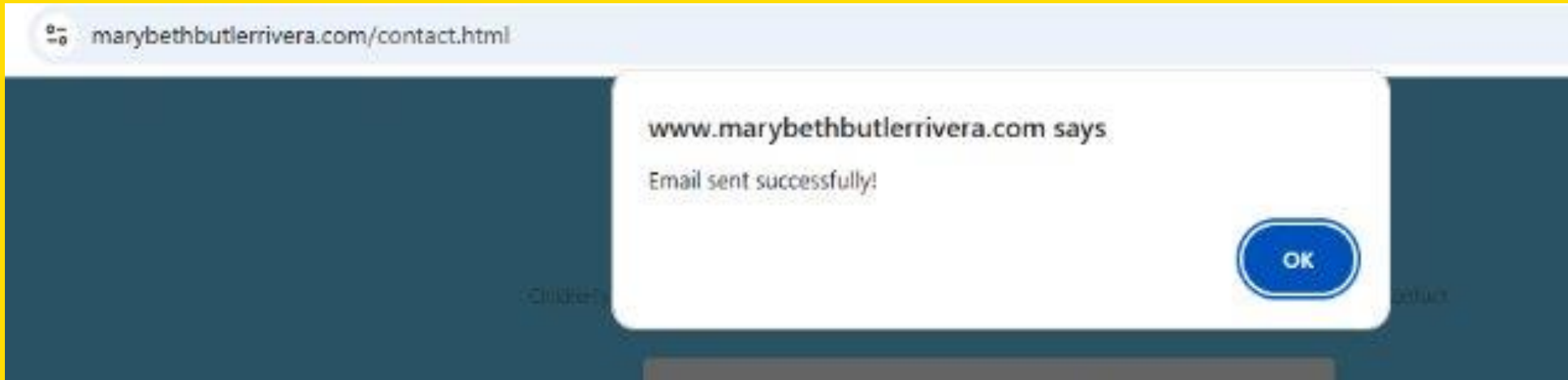
I wanted to reach out regarding an opportunity that has opened up at my company for freelance work. We are looking for an artist to create all of our illustrations for our children's books. I would like to set a video call to speak more about this opportunity. Please let me know when you are free.

Best Regards,
Angelina Bennet

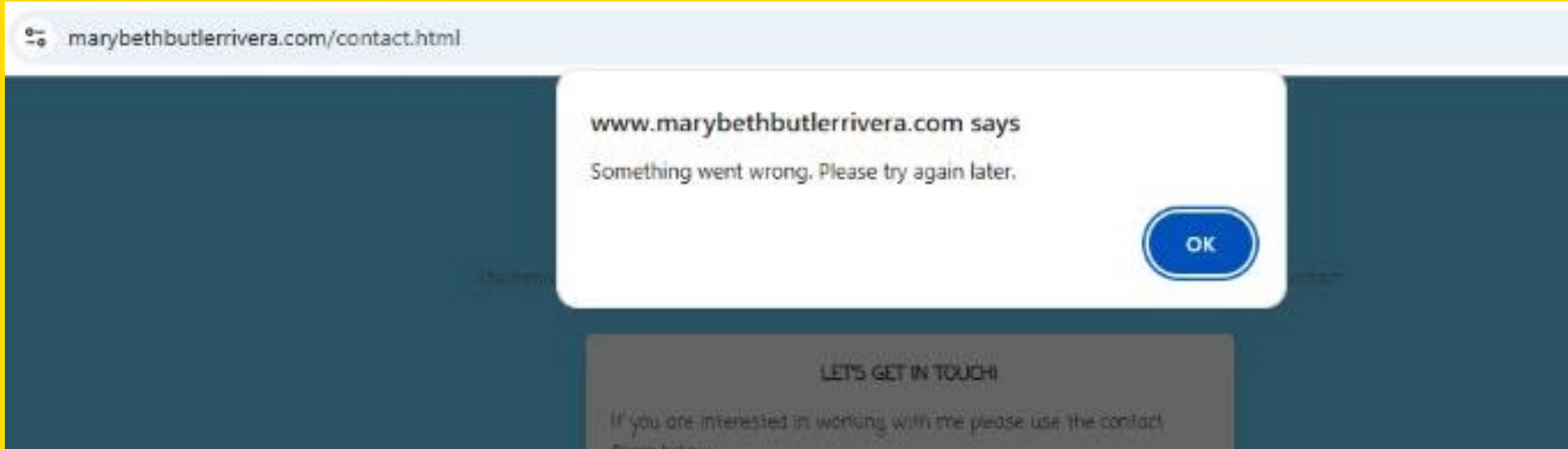
Submit

- On the frontend, the user will interact with a contact form. They will ask to fill out their full name, email, a subject, and a message text. This form was designed to collect the necessary information for the stakeholder to reach out. Once submitted, the form data is sent to the backend, where it is processed and emailed to the stakeholder. If there is any issue the backend will reply with an unsuccessful message

RESPONSE SENT (FRONTEND/BACK)



**Successful
Message**



**Unsuccessful
Message**

RECEIVERS VIEW

- When the form is submitted, Marybeth will get the message in her Gmail inbox. Due to Gmail having security rules, we had to set up authentication to allow the site to send emails. This helps keep the process safe and ensures the email gets delivered properly.



Marybeth Rivera

9:58 PM

To: Marybeth Rivera >

Message from Angelina Bennett: Freelance Opportunity

Name: Angelina Bennett

Email: angiervr28@gmail.com

Subject: Freelance Opportunity

Message:

Good evening Marybeth, I wanted to reach out regarding an opportunity that has opened up at my company for freelance work. We are looking for an artist to create all of our illustrations for our children's books. I would like to set a video call to speak more about this opportunity.. Please let me know when you are free. Best Regards, Angelina Bennet

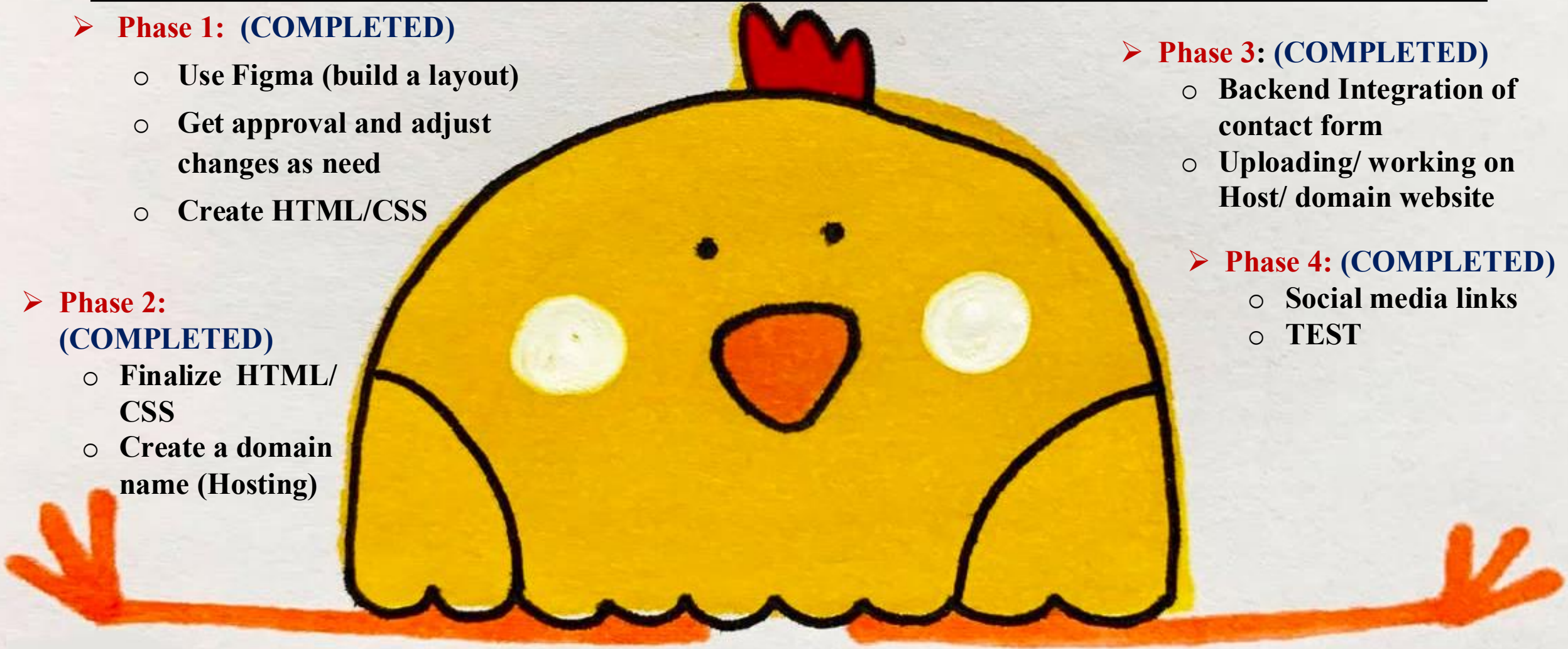
PROJECT BREAK DOWN

➤ Phase 1: (COMPLETED)

- Use Figma (build a layout)
- Get approval and adjust changes as need
- Create HTML/CSS

➤ Phase 2: (COMPLETED)

- Finalize HTML/CSS
- Create a domain name (Hosting)



➤ Phase 3: (COMPLETED)

- Backend Integration of contact form
- Uploading/ working on Host/ domain website

➤ Phase 4: (COMPLETED)

- Social media links
- TEST

TENTATIVE SCHEDULE (DRAFT 1-2)

WEEK	TASK	DURATION
Week 1	Finalizing project scope, gathering requirements from MaryBeth, and initial wireframe designs	1 week
Week 2	Phase 1-2: Frontend design(HTML, CSS) and layout development (React)/create a domain	2 weeks
Week 3	Phase 1-2: Frontend design(HTML, CSS) and layout development (React) / create a domain	2 weeks
Week 4	Test Phase 1-2	1 week
Week 5	Prepare demo 1 for supervisor / Record Demo 1 w/ live Presentation	1 week
Week 6	Phase 3-4: Backend/Integration of contact form, social media links, and SEO setup	2 weeks
Week 7	Phase 3-4: Backend Integration of contact form, social media links, and SEO setup	2 weeks
Week 8	Test Phase 3-4	1 week
Week 9	Prepare demo 2 for supervisor / Record Demo 2 w/ live Presentation	1 week
Week 10	Final Test / Final Recording	1 week
Week 11	Final Presentation Slides	1 week
Week 12	Final look over and Submit	1 week

POSSIBILITY OF CHANGE

- Use an array for image data (I might change my code to clean it up a little more since there are more images to come)
- Include react.js for speed
- Domain will expire 2027, stakeholder might change from GoDaddy.

FRONTEND / BACKEND DRAFT 1-2

PENDING:

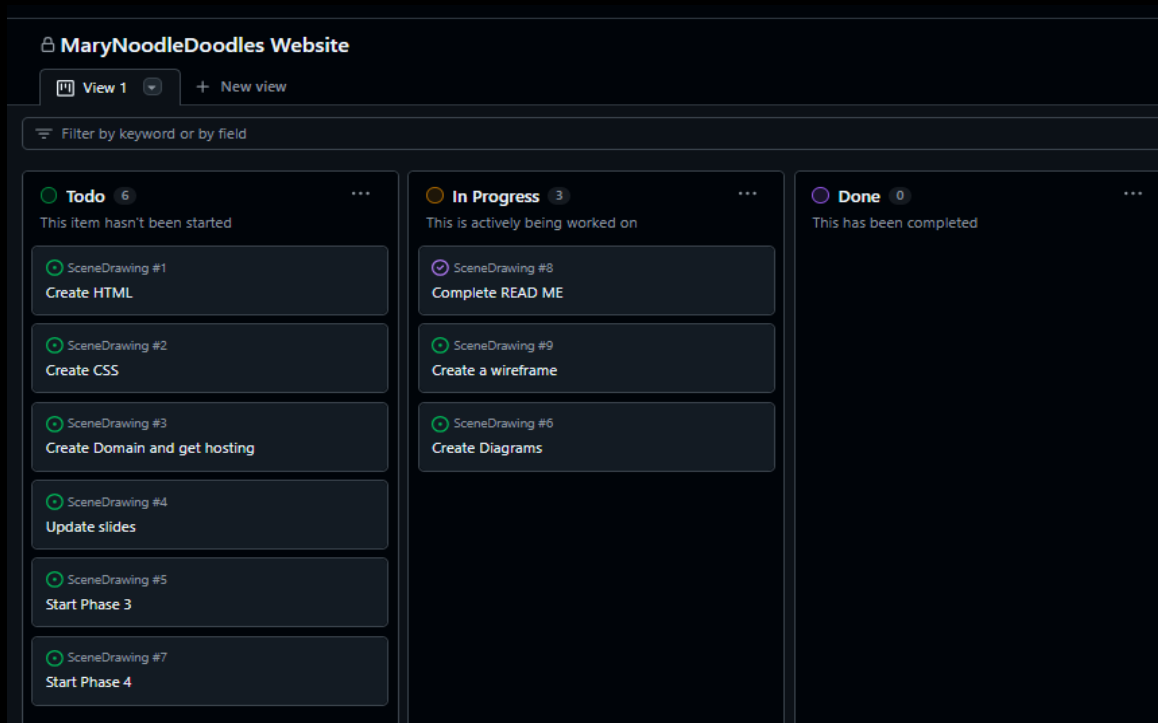
- Looking to add a login in for stakeholder's use only (This will allow the stakeholder to upload any future images)
{FIREBASE}

VERSION CONTROL

LINKS TO REPOSITORY & MANAGEMENT TOOLS

- Repository Link: <https://github.com/angiervr81/MaryNoodleDoodles.git>
- Project Management Link: [View 1 · MaryNoodleDoodles Website](#)

Project Mangement



Repository Layout

