"Lionizing Digital Transformation"

GitHub Initial Exercise for Ikigugu Group Ltd Collaboration Preparation

HTML, CSS, AND JAVASCRIPT CODE FOR REFERENCE

1. HTML Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Ikigugu Group Web Interface</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <!-- Header -->
    <header>
        <div class="logo">
            <img src="logo.png" alt="Ikigugu Group Logo">
        </div>
        <h1>Ikigugu Group Ltd</h1>
    </header>

    <!-- Navigation Bar -->
    <nav>
        <ul>
            <li><a href="home">Home</a></li>
            <li><a href="about">About</a></li>
            <li><a href="services">Services</a></li>
            <li><a href="contact">Contact</a></li>
        </ul>
    </nav>

    <div class="container">
        <!-- Sidebar (Fred) -->
        <aside class="sidebar">
            <h2>Sidebar</h2>
            <p>Links and additional information.</p>
        </aside>
```

<!-- Main Content Section -->
```
<main class="main-content">
   <h2>Main Content</h2>
   <p>This is where the main content goes.</p>
   <!-- User Profile Section (Joel) -->
   <section class="user-profile">
     <h3>User Profile</h3>
     <img src="user.png" alt="User Profile Picture">
     <p>Name: Ikigugu Group Ltd</p>
     <p>Email: hello@ikigugugroup.rw/p>
   </section>
```

<!-- Cards -->
```
<section class="cards">
   <h3>Featured Articles</h3>
   <div class="card">
     <h4>Article 1</h4>
     <p>Short description of the article.</p>
   </div>
   <div class="card">
     <h4>Article 2</h4>
     <p>Short description of the article.</p>
   </div>
</section>
```

<!-- Form -->
```
<section class="form-section">
   <h3>Contact Us</h3>
   <form id="contact-form">
     <label for="name">Name:</label>
     <input type="text" id="name" name="name" required>
     <label for="email">Email:</label>
     <input type="email" id="email" name="email" required>
     <label for="message">Message:</label>
     <textarea id="message" name="message" required></textarea>
```

```html
      <!-- Buttons -->
        <button type="submit">Submit</button>
        <button type="reset">Reset</button>
      </form>
    </section>
  </main>
</div>


<!-- Footer -->
<footer>
  <!-- Contact Information (Jules) -->
  <div class="contact-info">
    <h4>Contact Information</h4>
    <p>Email: info@ikigugu.com</p>
    <p>Phone: +250 123 456 789</p>
  </div>
  <!-- Social Media Links -->
  <div class="social-media">
    <h4>Follow Us</h4>
    <a href="ikiguguGroup">Facebook</a>
    <a href="ikiguguGroup">Twitter</a>
    <a href="ikiguguGroup">LinkedIn</a>
  </div>
  <p>&copy; 2024 Ikigugu Group Ltd. All rights reserved.</p>
</footer>

  <script src="script.js"></script>
</body>
</html>
```

2. CSS Code

```css
/* styles.css */

/* Global Styles */
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    background-color: f4f4f4;
}

header {
    background-color: 4CAF50;
    color: white;
    padding: 10px 0;
    text-align: center;
}

header .logo img {
    width: 50px;
}

nav {
    background-color: 333;
    color: white;
    padding: 10px;
}

nav ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    display: flex;
    justify-content: space-around;
}

nav ul li a {
```

```css
    color: white;
    text-decoration: none;
    padding: 8px 16px;
    display: block;
}

nav ul li a:hover {
    background-color: 4CAF50;
}

.container {
    display: flex;
    flex-wrap: wrap;
    margin: 20px;
}

.sidebar {
    flex: 1;
    max-width: 250px;
    background-color: fff;
    padding: 20px;
    margin-right: 20px;
    box-shadow: 0 0 10px rgba(0,0,0,0.1);
}

.main-content {
    flex: 3;
    background-color: fff;
    padding: 20px;
    box-shadow: 0 0 10px rgba(0,0,0,0.1);
}

.user-profile {
    margin-top: 20px;
}

.user-profile img {
    width: 100px;
    border-radius: 50%;
```

```css
}

.cards {
    margin-top: 20px;
}

.card {
    background-color: e7e7e7;
    padding: 10px;
    margin: 10px 0;
    border-radius: 5px;
}

.form-section {
    margin-top: 20px;
}

form label {
    display: block;
    margin: 10px 0 5px;
}

form input, form textarea {
    width: 100%;
    padding: 10px;
    margin-bottom: 10px;
    border: 1px solid ccc;
    border-radius: 5px;
}

form button {
    background-color: 4CAF50;
    color: white;
    border: none;
    padding: 10px 20px;
    border-radius: 5px;
    cursor: pointer;
}
```

```css
form button:hover {
   background-color: 45a049;
}

footer {
   background-color: 333;
   color: white;
   padding: 20px;
   text-align: center;
   margin-top: 20px;
}

footer .contact-info, footer .social-media {
   margin: 10px 0;
}

footer .social-media a {
   color: white;
   text-decoration: none;
   margin: 0 10px;
}

footer .social-media a:hover {
   text-decoration: underline;
}
```

3. JavaScript Code
```javascript
// script.js
```

// Error Handling (Jathniel)
```javascript
document.getElementById("contact-form").addEventListener("submit", function(event) {
   event.preventDefault();
   let name = document.getElementById("name").value;
   let email = document.getElementById("email").value;
   let message = document.getElementById("message").value;

   if (!name || !email || !message) {
      alert("All fields are required!");
   } else if (!validateEmail(email)) {
```

```
      alert("Please enter a valid email address!");
    } else {
      alert("Form submitted successfully!");


    }
});


function validateEmail(email) {
    let re = /\S+@\S+\.\S+/;
    return re.test(email);
}
```

4. Expected UI