

GitHub Initial Exercise for Ikigugu Group Ltd Collaboration Preparation

HTML, CSS, AND JAVASCRIPT CODE FOR REFERENCE

1. HTML Code

```
<!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">
      
    </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>
```



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<!-- 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>
    
    <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>
```



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<!-- 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>

Facebook

Twitter

LinkedIn

</div>

<p>© 2024 Ikigugu Group Ltd. All rights reserved.</p>

</footer>

<script src="script.js"></script>

</body>

</html>



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2. CSS Code

```
/* 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 {
```



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```
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%;
}
```



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```
}
```

```
.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;  
}
```



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```
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

// script.js

// Error Handling (Jathniel)

```
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)) {
```



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```
        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

The screenshot displays the web application interface for IKIGIGU Group Ltd. The layout includes a green header with the company name, a dark navigation bar with links for Home, About, Services, and Contact, and a sidebar on the left for additional information. The main content area features a user profile for 'IKIGIGU GROUP LTD.' with a placeholder image, contact details, and a section for featured articles. At the bottom, there is a contact form with fields for Name, Email, and Message, along with a 'Send' button. The footer contains contact information, social media links, and a copyright notice.


IKIGIGU Group Ltd.

Home About Services Contact

Sidebar
Links and additional information.

Main Content
This is where the main content goes.

User Profile



Name: IKIGIGU GROUP LTD
Email: info@ikigigugroup.co

Featured Articles

Article 1
Short description of the article.

Article 2
Short description of the article.

Contact Us

Name:

Email:

Message:

Contact Information
Email: info@ikigigugroup.co
Phone: +52091030600
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Facebook Twitter LinkedIn
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