**CODE:**

**Index.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Biosecurity in Aquaculture</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="home-page">

    <header>

        <h1>Aquaculture Biosecurity Awareness</h1>

        <p>Protecting Aquatic Life and Supporting Sustainable Communities</p>

    </header>

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <section id="about" class="boxed">

        <h2>About Aquaculture Biosecurity</h2>

        <p>Biosecurity in aquaculture involves practices that protect aquatic environments from harmful pathogens and contaminants. Effective biosecurity safeguards both the ecosystems and the communities that depend on them.</p>

    </section>

    <section id="importance" class="boxed">

        <h2>Why is Biosecurity Important?</h2>

        <p>Biosecurity practices are essential for preventing disease outbreaks, protecting fish populations, and ensuring the sustainability of aquaculture operations. Without biosecurity, the risks to biodiversity, local economies, and food security increase dramatically.</p>

    </section>

    <section id="tips" class="boxed">

        <h2>Top Biosecurity Tips for Aquaculture</h2>

        <ul>

            <li>Regularly clean and disinfect equipment and tanks.</li>

            <li>Limit access to facilities to prevent contamination.</li>

            <li>Quarantine new stock before introducing them into existing populations.</li>

            <li>Monitor water quality and promptly address any issues.</li>

            <li>Educate and train staff on biosecurity protocols.</li>

        </ul>

    </section>

    <section id="contact">

        <h2 style="color:white">Contact Us</h2>

        <p style="color:white" >If you have any questions or would like to learn more about aquaculture biosecurity, feel free to reach out.</p>

        <p style="color:white">Email: info@aquaculturebiosecurity.org</p>

    </section><br><br>

    <footer>

        <p>&copy; 2024 Aquaculture Biosecurity Awareness</p>

    </footer>

</body>

</html>

**About.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>About Aquaculture Biosecurity</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="about-page">

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <section id="about" >

        <div class="boxed">

        <h2>What is Biosecurity in Aquaculture?</h2>

        <p>Biosecurity in aquaculture involves implementing measures to prevent the introduction and spread of harmful organisms within aquatic systems. It encompasses all practices that protect fish farms, coastal ecosystems, and natural water bodies from diseases and pathogens that could impact both the environment and the economy.</p>

        </div>

        <div class="box-container">

            <div class="boxed">

                <h2>Objectives of Biosecurity in Aquaculture</h2>

                <ul>

                    <li>Prevent the entry of pathogens and invasive species into aquaculture systems.</li>

                    <li>Minimize the risk of disease outbreaks among farmed fish populations.</li>

                    <li>Protect biodiversity and support sustainable food resources.</li>

                    <li>Ensure a secure livelihood for communities dependent on aquaculture.</li>

                </ul>

            </div>

            <div class="boxed">

                <h2>Challenges in Aquaculture Biosecurity</h2>

                <ul>

                    <li>Lack of resources and training for small-scale aquaculture farms.</li>

                    <li>Limited awareness of biosecurity practices among aquaculture workers.</li>

                    <li>Environmental factors, such as water contamination and climate change.</li>

                    <li>Challenges in monitoring and enforcing biosecurity measures.</li>

                </ul>

            </div>

            <div class="boxed">

                <h2>Benefits of Biosecurity Practices</h2>

                <ul>

                    <li>Reduce the risk of disease transmission within and between farms.</li>

                    <li>Support healthier fish populations and higher production yields.</li>

                    <li>Enhance ecosystem resilience and protect water resources.</li>

                    <li>Promote sustainable practices that benefit local economies.</li>

                </ul>

            </div>

        </div>

    </section>

</body>

</html>

**Why-Biosecurity.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Why Biosecurity in Aquaculture?</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="why-page">

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <div class="box-container">

        <div class="boxed">

            <h2>What is Biosecurity and Why is it Crucial?</h2>

            <p>Biosecurity in aquaculture refers to the measures taken to prevent the introduction and spread of harmful pathogens, pests, and diseases in aquatic environments. It’s critical for maintaining the health of fish populations, safeguarding biodiversity, and ensuring the sustainability of aquaculture systems worldwide.</p>

        </div>

        <div class="boxed">

            <h2>Key Reasons Why Biosecurity Matters</h2>

            <ul>

                <li><strong>Prevention of Disease Outbreaks:</strong> Aquatic diseases can spread quickly and devastate fish populations, leading to loss of life, reduced yields, and the collapse of aquaculture operations.</li>

                <li><strong>Protection of Local Economies:</strong> Disease outbreaks can result in financial losses for farmers, workers, and local communities. Biosecurity protects jobs and supports economic growth.</li>

                <li><strong>Preserving Ecosystems:</strong> Healthy aquatic ecosystems are essential for biodiversity. Biosecurity helps prevent invasive species and pathogens from harming native species and ecosystems.</li>

                <li><strong>Ensuring Food Security:</strong> Aquaculture is an essential source of protein for millions of people around the world. By implementing biosecurity practices, we ensure a steady and safe supply of fish and seafood.</li>

                <li><strong>Compliance with Regulations:</strong> Effective biosecurity helps farms comply with national and international regulations, preventing trade restrictions and promoting the movement of fish products across borders.</li>

            </ul>

        </div>

        <div class="boxed">

            <h2>Risks of Not Implementing Biosecurity</h2>

            <p>Without proper biosecurity measures, aquaculture operations can face numerous risks:</p>

            <ul>

                <li>Outbreaks of infectious diseases, such as <i>Vibrio</i> and <i>White Spot Syndrome Virus (WSSV)</i>, which can decimate fish stocks.</li>

                <li>Contamination of water supplies, leading to poor water quality and potential harm to both farmed and wild species.</li>

                <li>Loss of biodiversity, particularly when non-native species are introduced, potentially causing an imbalance in local ecosystems.</li>

                <li>Increased reliance on chemical treatments, which can have negative long-term effects on both the environment and human health.</li>

            </ul>

        </div>

        <div class="boxed">

            <h2>How Biosecurity Supports Sustainable Aquaculture</h2>

            <p>By adopting strong biosecurity protocols, aquaculture systems can:</p>

            <ul>

                <li>Increase the efficiency and resilience of farming practices.</li>

                <li>Reduce the environmental impact and protect water quality.</li>

                <li>Support the long-term health of aquatic species and ecosystems.</li>

                <li>Contribute to the global goal of food security and sustainable resource management.</li>

            </ul>

        </div>

    </div><br><br><br>

    <footer>

        <p>&copy; 2024 Aquaculture Biosecurity Awareness</p>

    </footer>

</body>

</html>

**Get-Involved.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Login - Biosecurity in Aquaculture</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="login-page">

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <section id="login" class="boxed">

        <h2>Login to Your Account</h2>

        <p>Welcome back! Please enter your credentials to access your account.</p>

        <form action="adminlogin1.php" method="post" id="login-form">

            <label for="username">Username:</label>

            <input type="text" id="username" name="username" required placeholder="Enter your username">

            <label for="password">Password:</label>

            <input type="password" id="password" name="password" required placeholder="Enter your password">

            <button type="submit">User Login</button>

            <p> <a href="signup.html">Forgot password?</a>.</p>

            <p>Don't have an account? <a href="signup.html">Sign up here</a>.</p>

        </form></section><br><br><br>

    <footer>

        <p>&copy; 2024 Aquaculture Biosecurity Awareness</p>

    </footer>

</body>

</html>

**Resources.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Aquaculture Disease Resources</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="resources-page">

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <section id="resources">

        <h2 style="color:rgb(170, 224, 232)">Common Diseases in Aquatic Animals</h2>

        <p style="color:white">Diseases can have devastating effects on fish populations and aquaculture operations. It's essential to understand these diseases, their causes, and how to prevent and treat them. Below is a table listing common diseases, symptoms, causes, precautions, and cures:</p>

        <table border="1" cellpadding="10" cellspacing="0" bgcolor="white">

            <thead>

                <tr>

                    <th>Image</th>

                    <th>Disease</th>

                    <th>Symptoms</th>

                    <th>Cause</th>

                    <th>Precautions</th>

                    <th>Cure</th>

                </tr>

            </thead>

            <tbody>

                <tr>

                    <td><img src="d1.jpg" alt="Mycobacteria" width="100px"> </td>

                    <td>Fish Tuberculosis (Mycobacteriosis)</td>

                    <td>Weight loss, lesions on skin, abnormal swimming, loss of appetite.</td>

                    <td>Mycobacteria species, spread through water or contaminated equipment.</td>

                    <td>Regularly disinfect tanks, avoid overcrowding, quarantine new stock.</td>

                    <td>No effective cure, but maintain water quality and remove infected fish.</td>

                </tr>

                <tr>

                    <td><img src="d2.jpg" alt="Mycobacteria" width="100px"> </td>

                    <td>Ichthyophthirius Multifiliis (Ich or White Spot Disease)</td>

                    <td>White cysts on skin, gills, fins, abnormal scratching behavior.</td>

                    <td>Parasitic protozoan infecting fish in stressed environments.</td>

                    <td>Maintain water quality, reduce stress, avoid overfeeding, and clean regularly.</td>

                    <td>Anti-parasitic treatments like formalin or copper sulfate; increase water temperature.</td>

                </tr>

                <tr>

                    <td><img src="d3.jpg" alt="Mycobacteria" width="100px"> </td>

                    <td>Viral Hemorrhagic Septicemia (VHS)</td>

                    <td>Hemorrhaging, abnormal swimming, lethargy, mass mortality.</td>

                    <td>Viral infection affecting freshwater and some marine species.</td>

                    <td>Quarantine new fish, keep species in separate systems, monitor water quality.</td>

                    <td>No specific cure, but proper management can reduce spread and mortality.</td>

                </tr>

                <tr>

                    <td><img src="d4.jpg" alt="Mycobacteria" width="100px"> </td>

                    <td>Columnaris Disease</td>

                    <td>Cotton-like growths on gills, fins, and skin; rapid gill movement.</td>

                    <td>Flavobacterium columnare, infecting fish under stress in warm water.</td>

                    <td>Improve filtration, reduce overcrowding, use antibiotics if necessary.</td>

                    <td>Effective with antibiotics; early intervention and proper water management.</td>

                </tr>

                <tr>

                    <td><img src="b4.jpg" alt="Mycobacteria" width="100px"> </td>

                    <td>Early Mortality Syndrome (EMS)</td>

                    <td>Sudden death of shrimp or fish, often without visible symptoms.</td>

                    <td>Bacterial infection, usually associated with poor water quality.</td>

                    <td>Maintain stable water quality, proper nutrition, avoid stress.</td>

                    <td>No guaranteed cure, but antibiotics and probiotics can help.</td>

                </tr>

            </tbody>

        </table>

        <div class="box-container">

        <div class="boxed">

        <h3 ">General Biosecurity Precautions</h3>

        <ul>

            <li>Regularly monitor and test water quality (pH, salinity, oxygen levels, etc.).</li>

            <li>Quarantine new animals before adding them to established populations.</li>

            <li>Disinfect all equipment (nets, tanks, etc.) before and after use.</li>

            <li>Avoid overcrowding, as it can lead to stress and disease outbreaks.</li>

            <li>Consult with a veterinary professional or aquaculture expert for any disease concerns.</li>

        </ul></div>

        <div class="boxed">

        <h3>Resources for Further Information</h3>

        <p>Here are some reliable sources for more detailed information on aquaculture diseases and management practices:</p>

        <ul>

            <li><a href="https://www.aquaculture.org" target="\_blank">Aquaculture Organization</a></li>

            <li><a href="https://www.who.int/en/news-room/fact-sheets/detail/aquatic-animal-health" target="\_blank">World Health Organization - Aquatic Animal Health</a></li>

            <li><a href="https://www.fishhealth.org" target="\_blank">Fish Health Section - American Fisheries Society</a></li>

        </ul></div>

    </div>

    </section>

    <footer>

        <p>&copy; 2024 Aquaculture Biosecurity Awareness</p>

    </footer>

</body>

</html>

**interaction.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Aquaculture Biosecurity Chatbot</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="chat-page">

    <h1>Aquaculture Biosecurity Chatbot</h1>

    <div id="chat-box">

    </div>

    <div id="prompt-suggestions">

        <button onclick="promptChat('What are common aquaculture diseases?')">Common Diseases</button>

        <button onclick="promptChat('How can I prevent disease spread in aquaculture?')">Prevention Tips</button>

        <button onclick="promptChat('What is biosecurity in aquaculture?')">What is Biosecurity?</button>

    </div>

    <form id="chat-form">

        <input type="text" id="user-input" placeholder="Type your question here..." />

        <button type="submit">Send</button>

    </form>

    <script>

        const chatBox = document.getElementById('chat-box');

        const chatForm = document.getElementById('chat-form');

        const userInput = document.getElementById('user-input');

        // Display a welcome message with guidance

        function displayMessage(sender, message) {

            const messageDiv = document.createElement('div');

            messageDiv.className = sender;

            messageDiv.textContent = `${sender}: ${message}`;

            chatBox.appendChild(messageDiv);

            chatBox.scrollTop = chatBox.scrollHeight;

        }

        // Initial greeting from the bot

        displayMessage('Biosecurity Bot', 'Hi! I’m here to answer your questions about aquaculture biosecurity. Try asking things like: "What are common diseases in aquaculture?" or "How can I prevent disease spread?"');

        // Prompt suggestions button click handler

        function promptChat(message) {

            userInput.value = message;

            chatForm.dispatchEvent(new Event('submit'));

        }

        // Handle form submission for user input

        chatForm.addEventListener('submit', async (e) => {

            e.preventDefault();

            const message = userInput.value.trim();

            if (!message) return;

            displayMessage('You', message);

            userInput.value = '';

            const botReply = await getBotResponse(message);

            displayMessage('Biosecurity Bot', botReply);

        });

        // Keyword-based response logic

        async function getBotResponse(userMessage) {

            const lowerMessage = userMessage.toLowerCase();

            // Keyword-based responses

            if (lowerMessage.includes('biosecurity')) {

                return 'Biosecurity is essential for preventing disease outbreaks in aquaculture. Would you like tips on specific practices?';

            } else if (lowerMessage.includes('disease')) {

                return 'Common diseases in aquaculture include Fish Tuberculosis, White Spot Disease, and VHS. Would you like more details on these?';

            } else if (lowerMessage.includes('prevent') || lowerMessage.includes('precautions')) {

                return 'To prevent disease, maintain water quality, disinfect equipment, and quarantine new stock. Let me know if you need more tips!';

            }

            // Follow-up and open-ended responses

            if (lowerMessage.includes('tell me more')) {

                return 'I’d be happy to! Are you interested in disease prevention, types of diseases, or biosecurity practices?';

            }

            if (lowerMessage.includes('tips')) {

                return 'Here are some tips: Keep your equipment clean, ensure proper filtration, and monitor water quality. Would you like advice on quarantining new stock?';

            }

            // Default response for unrecognized input

            return 'I didn’t quite get that. Try asking about aquaculture diseases or biosecurity practices.';

        }

    </script>

</body>

</html>

**Contact.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Contact Us - Biosecurity in Aquaculture</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="contact-page">

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <section id="contact" class="contact-section boxed">

        <h2>Contact Us</h2>

        <p>If you have any questions or would like to learn more about aquaculture biosecurity, feel free to reach out using the form below.</p>

        <form action="https://formspree.io/f/your-form-id" method="POST" class="contact-form">

            <label for="name">Name:</label>

            <input type="text" id="name" name="name" required placeholder="Your Name">

            <label for="email">Email:</label>

            <input type="email" id="email" name="\_replyto" required placeholder="your.email@example.com">

            <label for="subject">Subject:</label>

            <input type="text" id="subject" name="subject" required placeholder="Subject">

            <label for="message">Message:</label>

            <textarea id="message" name="message" rows="5" required placeholder="Your message..."></textarea>

            <button type="submit">Send Message</button>

        </form>

    </section><br><br><br>

    <footer>

        <p>&copy; 2024 Aquaculture Biosecurity Awareness</p>

    </footer>

</body>

</html>

**Signup.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Sign Up - Biosecurity in Aquaculture</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body class="signup-page">

    <div class="nav-buttons">

        <button onclick="window.location.href='index.html'">Home</button>

        <button onclick="window.location.href='about.html'">About</button>

        <button onclick="window.location.href='why-biosecurity.html'">Why Biosecurity?</button>

        <button onclick="window.location.href='get-involved.html'">Get Involved</button>

        <button onclick="window.location.href='resources.html'">Resources</button>

        <button onclick="window.location.href='interaction.html'">Biosecurity Bot</button>

        <button onclick="window.location.href='contact.html'">Contact Us</button>

    </div>

    <section id="signup">

        <h2 style="color:white">Create a New Account</h2>

        <p>Join us to access exclusive resources and information on biosecurity in aquaculture.</p>

        <form action="signup.php" method="post" id="signup-form">

            <label for="username">Username:</label>

            <input type="text" id="username" name="username" required placeholder="Choose a username">

            <label for="email">Email:</label>

            <input type="email" id="email" name="email" required placeholder="Enter your email address">

            <label for="password">Password:</label>

            <input type="password" id="password" name="password" required placeholder="Create a password">

            <label for="confirm-password">Confirm Password:</label>

            <input type="password" id="confirm-password" name="confirm\_password" required placeholder="Re-enter your password">

            <button type="submit">Sign Up</button>

        </form>

        <p>Already have an account? <a href="login.html" style="color:white" >Log in here</a>.</p>

    </section><br><br><br>

    <footer>

        <p>&copy; 2024 Aquaculture Biosecurity Awareness</p>

    </footer>

    <script>

        // Optional: Basic client-side password validation

        document.getElementById('signup-form').addEventListener('submit', function (e) {

            const password = document.getElementById('password').value;

            const confirmPassword = document.getElementById('confirm-password').value;

            if (password !== confirmPassword) {

                e.preventDefault();

                alert("Passwords do not match. Please try again.");

            }

        });

    </script>

</body>

</html>

**Styles.css:**

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

body {

    font-family: Arial, sans-serif;

    line-height: 1.6;

    color: #060606;

    background-color: #f4f9f9;

}

body.home-page {

    background: url('1.jpg') center/cover no-repeat,

                url('2.jpg') center/cover no-repeat,

                url('3.jpg') center/cover no-repeat;

    background-attachment: fixed;

    animation: slideBackground 15s infinite;

}

@keyframes slideBackground {

    0% {

        background-image: url('1.jpg');

    }

    33% {

        background-image: url('main.jpg');

    }

    66% {

        background-image: url('3.jpg');

    }

    100% {

        background-image: url('1.jpg');

    }

}

body.about-page {

    background-image: url('bb.jpg');

    background-size: cover;

    background-position: center;

    background-attachment: fixed;

    animation: zoomBackground 15s ease-in-out infinite;

}

@keyframes zoomBackground {

    0% {

        background-size: 100%;

    }

    50% {

        background-size: 105%;

    }

    100% {

        background-size: 100%;

    }

}

@media (max-width: 768px) {

    .box-container {

        flex-direction: column;

    }

}

body.why-page {

    background-image: url('bb1.jpg');

    background-size: cover;

    background-position: center;

    background-attachment: fixed;

}

.box-container {

    display: flex;

    flex-wrap: wrap;

    gap: 1rem;

    justify-content: space-around;

    margin-top: 1.5rem;

    padding: 1rem;

}

.container {

    display: flex;

    justify-content: space-between;

    gap: 1rem;

  }

  .boxed {

    flex: 1;

    min-width: 250px;

    max-width: 30%;

    border: 1px solid #264653;

    padding: 1.5rem;

    margin: 1rem auto;

    border-radius: 8px;

    background-color: rgba(250, 253, 253, 0.8);

    box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.1);

  }

.box h2 {

    color: #264653;

    margin-bottom: 0.5rem;

}

.box ul {

    font-size: 1rem;

    line-height: 1.6;

}

@media (max-width: 768px) {

    .box-container {

        flex-direction: column;

    }

    .box {

        max-width: 100%;

    }

}

#login {

    max-width: 400px;

    margin: 50px auto;

    padding: 1rem;

    border: 1px solid #264653;

    border-radius: 8px;

    background-color: rgba(241, 246, 245, 0.8);

    box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.1);

    text-align: center;

}

#login h2 {

    color: #264653;

    margin-bottom: 0.75rem;

}

#login p {

    font-size: 1rem;

    color: #333;

    margin-bottom: 1rem;

}

#login-form {

    display: flex;

    flex-direction: column;

    gap: 0.75rem;

}

#login-form input {

    padding: 0.5rem;

    font-size: 1rem;

}

#login-form button {

    padding: 0.6rem;

    font-size: 1rem;

    background-color: #264653;

    color: white;

    border: none;

    border-radius: 4px;

    cursor: pointer;

}

#login-form button:hover {

    background-color: #264653;

}

body.resources-page {

        background-image: url('99.jpg');

        background-attachment: fixed;

        background-size: cover;

        background-position: center;

        animation: zoomBackground 15s ease-in-out infinite;

    }

    @keyframes zoomBackground {

        0% {

            background-size: 100%;

        }

        50% {

            background-size: 105%;

        }

        100% {

            background-size: 100%;

        }

    }

body.login-page {

    background-image: url('bbb.jpg');

    background-attachment: fixed;

    background-size: cover;

    background-position: center;

    animation: slideHorizontal 20s ease-in-out infinite;

}

@keyframes slideHorizontal {

    0% {

        background-position: center 0;

    }

    100% {

        background-position: center 100%;

    }

}

body.signup-page {

    background-image: url('bbb.jpg');

    background-attachment: fixed;

    background-size: cover;

    background-position: center;

    animation: slideHorizontal 20s ease-in-out infinite;

}

@keyframes slideHorizontal {

    0% {

        background-position: center 0;

    }

    100% {

        background-position: center 100%;

    }

}

body.contact-page {

    background-image: url('13.jpg');

    background-size: cover;

    background-position: center;

    background-attachment: fixed;

}

header {

    text-align: center;

    padding: 2rem;

    background-color: rgba(245, 247, 247, 0.8);

}

header h1 {

    font-size: 2.5rem;

}

header p {

    font-size: 1.2rem;

}

nav ul {

    list-style-type: none;

    text-align: center;

    background-color: #264653;

}

nav ul li {

    display: inline;

    margin: 0 1rem;

}

nav ul li a {

    color: #ffffff;

    text-decoration: none;

    font-weight: bold;

}

nav ul li a:hover {

    text-decoration: underline;

}

.nav-buttons {

    display: flex;

    justify-content: center;

    gap: 1rem;

    margin: 1.5rem 0;

}

.nav-buttons button {

    padding: 0.75rem 1.5rem;

    font-size: 1rem;

    color: #ffffff;

    background-color: #264653;

    border: none;

    border-radius: 5px;

    cursor: pointer;

}

.nav-buttons button:hover {

    background-color: #2a9d8f;

}

.boxed {

    border: 1px solid #264653;

    padding: 1.5rem;

    margin: 1rem auto;

    border-radius: 8px;

    background-color: rgba(250, 253, 253, 0.8);

    box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.1);

    max-width: 800px;

}

.boxed h2 {

    color: #264653;

    margin-bottom: 0.5rem;

}

.boxed p, .boxed ul {

    font-size: 1rem;

    line-height: 1.6;

}

section {

    padding: 2rem;

    margin: 1rem auto;

    max-width: 800px;

}

section h2 {

    font-size: 2rem;

    color: #9cc4d4;

    margin-bottom: 0.5rem;

}

section p, section ul {

    font-size: 1rem;

    line-height: 1.6;

}

/\* Tips Section \*/

#tips ul {

    list-style-type: disc;

    margin-left: 2rem;

}

#tips li {

    margin: 0.5rem 0;

}

#community {

    text-align: center;

}

#community button {

    padding: 0.5rem 1rem;

    background-color:  #264653;

    color: #ffffff;

    border: none;

    border-radius: 5px;

    cursor: pointer;

    font-size: 1rem;

}

#community button:hover {

    background-color: #d65a3b;

}

nav ul li a.active {

    color: #e76f51;

    text-decoration: underline;

}

form {

    margin-top: 2rem;

    display: flex;

    flex-direction: column;

}

form label {

    font-weight: bold;

    margin-top: 1rem;

}

form input, form textarea {

    padding: 0.5rem;

    margin-top: 0.5rem;

    font-size: 1rem;

    border: 1px solid #ccc;

    border-radius: 4px;

}

form button {

    background-color: #2a9d8f;

    color: white;

    padding: 1rem;

    margin-top: 1rem;

    border: none;

    border-radius: 4px;

    cursor: pointer;

}

form button:hover {

    background-color: #264653;

}

table {

    width: 100%;

    border-collapse: collapse;

    margin-top: 20px;

}

th, td {

    padding: 12px;

    text-align: left;

    border: 1px solid #ddd;

}

th {

    background-color: #264653;

    color: white;

}

tr:nth-child(even) {

    background-color: #f4f4f4;

}

tr:hover {

    background-color: #e76f51;

}

body.chat-page {

    display: flex;

    justify-content: center;

    align-items: center;

    flex-direction: column;

    min-height: 100vh;

    margin: 0;

    padding: 0;

    background-color: #f4f8fb;

    font-family: Arial, sans-serif;

}

body.chat-page {

    background-image: url('bg3.jpg');

    background-size: cover;

    background-position: center;

    background-attachment: fixed;

}

#chat-container {

    width: 100%;

    max-width: 600px;

    text-align: center;

    display: flex;

    flex-direction: column;

    align-items: center;

    padding: 20px;

    box-sizing: border-box;

}

#chat-box {

    width: 50%;

    height: 400px;

    border: 1px solid #264653;

    border-radius: 8px;

    background-color: #ffffff;

    overflow-y: auto;

    padding: 15px;

    margin: 20px 0;

    box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.1);

    display: flex;

    flex-direction: column;

    align-items: flex-start;

}

#chat-box div {

    margin-bottom: 10px;

}

#chat-box .Biosecurity\ Bot {

    background-color: #2a9d8f;

    color: #ffffff;

    padding: 10px;

    border-radius: 8px;

    align-self: flex-start;

    width: fit-content;

    max-width: 80%;

    font-weight: bold;

}

#chat-box .You {

    background-color: #e9f1f3;

    color: #333;

    padding: 10px;

    border-radius: 8px;

    align-self: flex-end;

    width: fit-content;

    max-width: 80%;

    font-weight: bold;

}

#prompt-suggestions {

    width: 100%;

    max-width: 600px;

    display: flex;

    justify-content: space-between;

    margin-bottom: 15px;

}

#prompt-suggestions button {

    flex-grow: 1;

    margin: 0 5px;

    padding: 10px;

    border: none;

    background-color: #264653;

    color: white;

    border-radius: 5px;

    cursor: pointer;

    font-size: 1rem;

    font-weight: bold;

    transition: background-color 0.3s;

}

#prompt-suggestions button:hover {

    background-color: #2a9d8f;

}

#chat-form {

    display: flex;

    width: 100%;

    max-width: 600px;

}

#user-input {

    flex-grow: 1;

    padding: 12px;

    border: 1px solid #264653;

    border-radius: 5px;

    font-size: 1rem;

    outline: none;

    margin-right: 5px;

}

#chat-form button {

    padding: 12px 20px;

    border: none;

    background-color: #264653;

    color: white;

    border-radius: 5px;

    cursor: pointer;

    font-size: 1rem;

    font-weight: bold;

    transition: background-color 0.3s;

}

#chat-form button:hover {

    background-color: #2a9d8f;

}

.contact{

    color="white";

}

.contact-form {

    display: flex;

    flex-direction: column;

}

.contact-form label {

    margin-top: 1rem;

    margin-bottom: 0.5rem;

    color: #264653;

    font-weight: bold;

}

.contact-form input,

.contact-form textarea {

    padding: 0.75rem;

    border: 1px solid #264653;

    border-radius: 4px;

    font-size: 1rem;

}

.contact-form input::placeholder,

.contact-form textarea::placeholder {

    color: #7a7a7a;

}

.contact-form button {

    margin-top: 1.5rem;

    padding: 0.75rem;

    background-color: #264653;

    color: white;

    border: none;

    border-radius: 4px;

    cursor: pointer;

    font-size: 1rem;

    transition: background-color 0.3s;

}

.contact-form button:hover {

    background-color: #21867a;

}

footer {

    margin-top: auto;

    padding: 15px;

    text-align: center;

    background-color: #264653;

    color: #ffffff;

    width: 100%;

}

footer {

    background-color: #264653;

    color: white;

    text-align: center;

    padding: 1rem;

    position: fixed;

    width: 100%;

    bottom: 0;

}

footer p {

    font-size: 0.9rem;

}

**Signup.php:**

<?php

// signup.php

include('conn1.php'); // Include your database connection

if ($\_SERVER['REQUEST\_METHOD'] === 'POST') {

    $username = $\_POST['username'];

    $email = $\_POST['email'];

    $password = password\_hash($\_POST['password'], PASSWORD\_DEFAULT); // Hash password before storing

    // Check if username already exists

    $checkQuery = "SELECT \* FROM users WHERE username = ?";

    $stmt = $conn->prepare($checkQuery);

    $stmt->bind\_param("s", $username);

    $stmt->execute();

    $result = $stmt->get\_result();

    if ($result->num\_rows > 0) {

        echo "Username already taken!";

    } else {

        // Insert new user

        $insertQuery = "INSERT INTO users (username, email, password) VALUES (?, ?, ?)";

        $stmt = $conn->prepare($insertQuery);

        $stmt->bind\_param("sss", $username, $email, $password);

        if ($stmt->execute()) {

            echo "success"; // Return success message

        } else {

            echo "Database error. Please try again."; // Return error message

        }

    }

}

?>

Adminlogin1.php:

<?php

// admin.php

include 'conn1.php';

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $username = $conn->real\_escape\_string($\_POST['username']);

    $password = $\_POST['password'];

    // Retrieve the stored hashed password for the given username

    $sql = "SELECT \* FROM users WHERE username = '$username'";

    $result = $conn->query($sql);

    if ($result->num\_rows > 0) {

        $user = $result->fetch\_assoc();

        // Verify the password with the hashed version in the database

        if (password\_verify($password, $user['password'])) {

            echo "Login successful. Welcome, " . $username . "!";

        } else {

            echo "Invalid password.";

        }

    } else {

        echo "No user found with that username.";

    }

}

$conn->close();

?>

**Conn1.php:**

<?php

// Enable error reporting for debugging

ini\_set('display\_errors', 1);

ini\_set('display\_startup\_errors', 1);

error\_reporting(E\_ALL);

$servername = "localhost";

$username = "root";

$password = ""; // Replace with your database password

$dbname = "A0";

try {

    // Create connection

    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check for connection errors

    if ($conn->connect\_error) {

        throw new Exception("Connection failed: " . $conn->connect\_error);

    }

    // SQL to create the users table if it doesn't already exist

    $createTableSQL = "CREATE TABLE IF NOT EXISTS users (

        id INT AUTO\_INCREMENT PRIMARY KEY,

        username VARCHAR(50) UNIQUE NOT NULL,

        email VARCHAR(100) UNIQUE NOT NULL,

        password VARCHAR(255) NOT NULL,

        created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

    )";

    if ($conn->query($createTableSQL) === FALSE) {

        throw new Exception("Error creating table: " . $conn->error);

    }

    echo "Database connected successfully, and table checked/created.";

} catch (Exception $e) {

    die("Database error: " . $e->getMessage());

} finally {

    $conn->close(); // Close the connection

}

?>