<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Firebase Authentication</title>

  <style>

    /\* Basic reset \*/

    \* {

      margin: 0;

      padding: 0;

      box-sizing: border-box;

      font-family: Arial, sans-serif;

    }

    .container {

      display: flex;

      justify-content: center;

      align-items: center;

      min-height: 100vh;

      background-color: #f4f4f9;

    }

    .form-container {

      background: #ffffff;

      border-radius: 8px;

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

      width: 100%;

      max-width: 400px;

      padding: 2rem;

      text-align: center;

    }

    .form-container h2 {

      margin-bottom: 1.5rem;

      color: #333;

    }

    .form-group {

      margin-bottom: 1rem;

      text-align: left;

    }

    .form-group label {

      font-size: 0.9rem;

      color: #555;

    }

    .form-group input {

      width: 100%;

      padding: 0.75rem;

      border: 1px solid #ddd;

      border-radius: 4px;

      font-size: 1rem;

      margin-top: 0.5rem;

    }

    .form-group input:focus {

      outline: none;

      border-color: #007bff;

    }

    .form-container button {

      width: 100%;

      padding: 0.75rem;

      background-color: #007bff;

      border: none;

      color: #ffffff;

      font-size: 1rem;

      border-radius: 4px;

      cursor: pointer;

      margin-top: 1rem;

    }

    .form-container button:hover {

      background-color: #0056b3;

    }

    .toggle-link {

      display: block;

      margin-top: 1rem;

      color: #007bff;

      cursor: pointer;

      text-decoration: underline;

    }

    #user-info {

      display: none;

      text-align: center;

      font-size: 1.2rem;

    }

  </style>

</head>

<body>

<div class="container">

  <div class="form-container" id="loginForm">

    <h2>Login</h2>

    <div class="form-group">

      <label for="login-email">Email</label>

      <input type="email" id="login-email" placeholder="Enter your email" required>

    </div>

    <div class="form-group">

      <label for="login-password">Password</label>

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

    </div>

    <button onclick="login()">Login</button>

    <span class="toggle-link" onclick="toggleForms()">Don't have an account? Sign up</span>

  </div>

  <div class="form-container" id="signupForm" style="display: none;">

    <h2>Sign Up</h2>

    <div class="form-group">

      <label for="signup-email">Email</label>

      <input type="email" id="signup-email" placeholder="Enter your email" required>

    </div>

    <div class="form-group">

      <label for="signup-password">Password</label>

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

    </div>

    <button onclick="signup()">Sign Up</button>

    <span class="toggle-link" onclick="toggleForms()">Already have an account? Login</span>

  </div>

  <div id="user-info">

    <h1>AgriSearch</h1>

    <input type="text" class="search-box" id="searchBox" placeholder="Search agriculture topics..." onkeypress="handleKeyPress(event)">

    <h2>Welcome, <span id="user-email"></span></h2>

    <button onclick="logout()">Logout</button>

  </div>

</div>

<!-- Firebase SDK Modular Imports -->

<script type="module">

  // Import Firebase functions from Firebase SDK modules

  import { initializeApp } from "https://www.gstatic.com/firebasejs/9.0.0/firebase-app.js";

  import { getAuth, createUserWithEmailAndPassword, signInWithEmailAndPassword, signOut, onAuthStateChanged } from "https://www.gstatic.com/firebasejs/9.0.0/firebase-auth.js";

  // Firebase configuration

  const firebaseConfig = {

   apiKey: "AIzaSyCE2VYumrTzFOpHUyywc5JBTUcxnDWlSyo", authDomain: "nkokok-6b197.firebaseapp.com", projectId: "nkokok-6b197", storageBucket: "nkokok-6b197.appspot.com", messagingSenderId: "666134615448", appId: "1:666134615448:web:5001019eac5af7d4b647ed"

  };

  // Initialize Firebase

  const app = initializeApp(firebaseConfig);

  const auth = getAuth(app);  // Initialize 'auth' right after Firebase app initialization

  // Toggle between login and signup forms

  window.toggleForms = function() {

    const loginForm = document.getElementById('loginForm');

    const signupForm = document.getElementById('signupForm');

    loginForm.style.display = loginForm.style.display === 'none' ? 'block' : 'none';

    signupForm.style.display = signupForm.style.display === 'none' ? 'block' : 'none';

  }

  // Sign up with Firebase

  window.signup = async function() {

    const email = document.getElementById('signup-email').value;

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

    try {

      const userCredential = await createUserWithEmailAndPassword(auth, email, password);

      alert('User signed up successfully');

      toggleForms();

    } catch (error) {

      alert(error.message);

    }

  }

  // Login with Firebase

  window.login = async function() {

    const email = document.getElementById('login-email').value;

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

    try {

      const userCredential = await signInWithEmailAndPassword(auth, email, password);

      showUserInfo(userCredential.user);

    } catch (error) {

      alert(error.message);

    }

  }

  // Show user information

  function showUserInfo(user) {

    document.getElementById('user-email').textContent = user.email;

    document.getElementById('loginForm').style.display = 'none';

    document.getElementById('signupForm').style.display = 'none';

    document.getElementById('user-info').style.display = 'block';

  }

  // Logout with Firebase

  window.logout = function() {

    signOut(auth).then(() => {

      document.getElementById('user-info').style.display = 'none';

      document.getElementById('loginForm').style.display = 'block';

    }).catch(error => {

      alert(error.message);

    });

  }

  // Firebase Auth State Listener

  onAuthStateChanged(auth, (user) => {

    if (user) {

      showUserInfo(user);

    } else {

      document.getElementById('user-info').style.display = 'none';

      document.getElementById('loginForm').style.display = 'block';

    }

  });

</script>

</body>

</html>