<!DOCTYPE html>

<html lang="zh">

<head>

<meta charset="UTF-8">

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

<title>用户登录注册</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

}

.form-container {

background: #fff;

padding: 20px;

border-radius: 5px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

width: 300px;

}

.form-container h2 {

text-align: center;

}

.error {

color: red;

font-size: 12px;

}

</style>

</head>

<body>

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

<div id="register-form">

<h2>注册</h2>

<form onsubmit="return validateRegisterForm();">

<input type="text" name="username" placeholder="用户名" required>

<input type="password" name="password" placeholder="密码" required>

<input type="email" name="email" placeholder="邮箱" required>

<input type="password" name="confirm-password" placeholder="确认密码" required>

<small class="error" id="register-error"></small>

<button type="submit">注册</button>

</form>

<p>已经有账号？<a href="#" onclick="showLoginForm();">登录</a></p>

</div>

<div id="login-form" style="display: none;">

<h2>登录</h2>

<form onsubmit="return validateLoginForm();">

<input type="text" name="username" placeholder="用户名" required>

<input type="password" name="password" placeholder="密码" required>

<small class="error" id="login-error"></small>

<button type="submit">登录</button>

</form>

<p>还没有账号？<a href="#" onclick="showRegisterForm();">注册</a></p>

</div>

</div>

<script>

function showRegisterForm() {

document.getElementById('register-form').style.display = 'block';

document.getElementById('login-form').style.display = 'none';

}

function showLoginForm() {

document.getElementById('register-form').style.display = 'none';

document.getElementById('login-form').style.display = 'block';

}

function validateRegisterForm() {

let username = document.forms[0]["username"].value;

let password = document.forms[0]["password"].value;

let confirmPassword = document.forms[0]["confirm-password"].value;

let email = document.forms[0]["email"].value;

let emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

let errorElement = document.getElementById('register-error');

if (!emailPattern.test(email)) {

errorElement.textContent = '请填写有效的邮箱地址。';

return false;

}

if (password !== confirmPassword) {

errorElement.textContent = '密码与确认密码不一致。';

return false;

}

errorElement.textContent = ''; // 清除错误信息

return true; // 表单有效

}

function validateLoginForm() {

// 实现登录表单的验证逻辑

let username = document.forms[1]["username"].value;

let password = document.forms[1]["password"].value;

let errorElement = document.getElementById('login-error');

if (username === '' || password === '') {

errorElement.textContent = '用户名和密码不能为空。';

return false;

}

errorElement.textContent = ''; // 清除错误信息

return true; // 表单有效

}

// 默认显示注册表单

showRegisterForm();

</script>

</body>

</html>