// components/Register.js

import React, { useState } from 'react';

const Register = () => {

const [formData, setFormData] = useState({

name: '',

email: '',

password: '',

});

const [errors, setErrors] = useState({});

const validate = () => {

const newErrors = {};

if (formData.name.length < 5) {

newErrors.name = 'Name must be at least 5 characters.';

}

if (!formData.email.includes('@') || !formData.email.includes('.')) {

newErrors.email = 'Email must contain "@" and "."';

}

if (formData.password.length < 8) {

newErrors.password = 'Password must be at least 8 characters.';

}

return newErrors;

};

const handleChange = (e) => {

setFormData(prev => ({

...prev,

[e.target.name]: e.target.value

}));

};

const handleSubmit = (e) => {

e.preventDefault();

const validationErrors = validate();

if (Object.keys(validationErrors).length > 0) {

setErrors(validationErrors);

alert('Please correct the errors before submitting.');

} else {

setErrors({});

alert(`Registration Successful!\nName: ${formData.name}\nEmail: ${formData.email}`);

setFormData({ name: '', email: '', password: '' });

}

};

return (

<div style={styles.container}>

<h2>📧 Mail Registration</h2>

<form onSubmit={handleSubmit} style={styles.form}>

<label>

Name:

<input

type="text"

name="name"

value={formData.name}

onChange={handleChange}

style={styles.input}

/>

{errors.name && <p style={styles.error}>{errors.name}</p>}

</label>

<label>

Email:

<input

type="email"

name="email"

value={formData.email}

onChange={handleChange}

style={styles.input}

/>

{errors.email && <p style={styles.error}>{errors.email}</p>}

</label>

<label>

Password:

<input

type="password"

name="password"

value={formData.password}

onChange={handleChange}

style={styles.input}

/>

{errors.password && <p style={styles.error}>{errors.password}</p>}

</label>

<button type="submit" style={styles.button}>Register</button>

</form>

</div>

);

};

const styles = {

container: {

maxWidth: 400,

margin: 'auto',

padding: 20,

fontFamily: 'Arial',

border: '1px solid #ccc',

borderRadius: 8,

marginTop: 40

},

form: {

display: 'flex',

flexDirection: 'column'

},

input: {

marginBottom: 10,

padding: 8,

fontSize: 14

},

button: {

padding: 10,

backgroundColor: '#007bff',

color: '#fff',

border: 'none',

borderRadius: 4,

cursor: 'pointer'

},

error: {

color: 'red',

fontSize: 12,

margin: '4px 0'

}

};

export default Register;

// App.js

import React from 'react';

import Register from './components/Register';

function App() {

return (

<div className="App">

<h1 style={{ textAlign: 'center' }}>📨 Mail Register App</h1>

<Register />

</div>

);

}

export default App;

// index.js

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(<App />);

OUTPUT:

ON LOAD:

📨 Mail Register App

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📧 Mail Registration

Name: [ ]

Email: [ ]

Password: [ ]

[Register]

ON SUBMIT(IF VALID):

✅ Alert:

Registration Successful!

Name: John Smith

Email: john@example.com

IF INVALID:

❌ Inline error under each field

❗ Alert: Please correct the errors before submitting