SuperSet ID: 6421064

[Register.js](http://register.js)

import React, { useState } from 'react';

import './App.css';

function Register() {

const [formData, setFormData] = useState({

name: '',

email: '',

password: '',

});

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

const validateField = (name, value) => {

const newErrors = { ...errors };

switch (name) {

case 'name':

newErrors.name =

value.length < 5 ? 'Full Name must be 5 characters long!' : '';

break;

case 'email':

const validEmailRegex = RegExp(

/^(([^<>()[\]\\.,;:\s@"]+(\.[^<>()[\]\\.,;:\s@"]+)\*)|(".+"))@(([^<>()[\]\\.,;:\s@"]+\.)+[^<>()[\]\\.,;:\s@"]{2,})$/i

);

newErrors.email = validEmailRegex.test(value)

? ''

: 'Email is not valid!';

break;

case 'password':

newErrors.password =

value.length < 8

? 'Password must be at least 8 characters long!'

: '';

break;

default:

break;

}

setErrors(newErrors);

};

const handleChange = (e) => {

const { name, value } = e.target;

setFormData({

...formData,

[name]: value,

});

validateField(name, value);

};

const validateForm = () => {

return (

errors.name === '' &&

errors.email === '' &&

errors.password === '' &&

formData.name !== '' &&

formData.email !== '' &&

formData.password !== ''

);

};

const handleSubmit = (e) => {

e.preventDefault();

if (validateForm()) {

alert('Valid Form');

console.log(formData);

} else {

if (errors.name) alert(errors.name);

if (errors.email) alert(errors.email);

if (errors.password) alert(errors.password);

}

};

return (

<div>

<h2>Register Form</h2>

<form onSubmit={handleSubmit}>

<div>

<label>Name: </label>

<input

type="text"

name="name"

value={formData.name}

onChange={handleChange}

/>

{errors.name && <span style={{ color: 'red' }}>{errors.name}</span>}

</div>

<br />

<div>

<label>Email: </label>

<input

type="text"

name="email"

value={formData.email}

onChange={handleChange}

/>

{errors.email && (

<span style={{ color: 'red' }}>{errors.email}</span>

)}

</div>

<br />

<div>

<label>Password: </label>

<input

type="password"

name="password"

value={formData.password}

onChange={handleChange}

/>

{errors.password && (

<span style={{ color: 'red' }}>{errors.password}</span>

)}

</div>

<br />

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

</form>

</div>

)

};

export default Register;

[App.js](http://app.js)

import logo from './logo.svg';

import './App.css';

import Register from './register';

function App() {

return (

<div className="App">

<Register />

</div>

);

}

export default App;

Output:



