import React, { useState } from 'react';

import axios from 'axios';

import './App.css';

function App() {

const [inputData, setInputData] = useState('');

const [responseData, setResponseData] = useState(null);

const [error, setError] = useState('');

const handleSubmit = async (event) => {

event.preventDefault();

setError(''); // Clear previous errors

setResponseData(null); // Clear previous response

try {

// Parse the input to ensure it's valid JSON

const parsedData = JSON.parse(inputData);

// Send the data to the backend API

const response = await axios.post('https://your-backend-api-url.com/', parsedData);

setResponseData(response.data);

} catch (err) {

setError('Invalid JSON or API error. Please check the input or backend connection.');

}

};

return (

<div className="App">

<header className="App-header">

<h1>JSON Processor</h1>

</header>

<main>

<form onSubmit={handleSubmit}>

<label htmlFor="jsonInput">Enter JSON:</label>

<textarea

id="jsonInput"

rows="5"

cols="50"

value={inputData}

onChange={(e) => setInputData(e.target.value)}

placeholder='e.g., { "data": ["A", "C", "z"] }'

/>

<br />

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

</form>

{error && <p className="error">{error}</p>}

{responseData && (

<div className="response">

<h2>Response:</h2>

<pre>{JSON.stringify(responseData, null, 2)}</pre>

</div>

)}

</main>

</div>

);

}

export default App;