import React, { useState } from "react";

import axios from "axios";

import Select from "react-select";

import "./App.css";

const App = () => {

const [jsonInput, setJsonInput] = useState("");

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

const [response, setResponse] = useState(null);

const [selectedOptions, setSelectedOptions] = useState([]);

const options = [

{ value: "alphabets", label: "Alphabets" },

{ value: "numbers", label: "Numbers" },

{ value: "highest\_lowercase", label: "Highest Lowercase Alphabet" },

];

const handleSubmit = async () => {

try {

setError("");

setResponse(null);

// Validate JSON input

const parsedInput = JSON.parse(jsonInput);

if (!parsedInput || typeof parsedInput !== "object") {

throw new Error("Invalid JSON input");

}

// Send POST request to the backend

const { data } = await axios.post("http://127.0.0.1:5000/process", parsedInput);

setResponse(data);

} catch (err) {

setError(err.message || "An error occurred");

}

};

const renderResponse = () => {

if (!response) return null;

const selectedData = {};

selectedOptions.forEach(option => {

selectedData[option.value] = response[option.value];

});

return (

<div className="response-container">

<h3>Response:</h3>

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

</div>

);

};

return (

<div className="app">

<h1>67890</h1> {/\* Replace with your roll number \*/}

<div className="input-container">

<textarea

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

value={jsonInput}

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

/>

<button onClick={handleSubmit}>Submit</button>

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

</div>

{response && (

<div className="dropdown-container">

<Select

options={options}

isMulti

onChange={setSelectedOptions}

placeholder="Select options to display response"

/>

</div>

)}

{renderResponse()}

</div>

);

};

export default App;