import React, { useState, useEffect } from 'react';

import axios from 'axios';

function App() {

const [tasks, setTasks] = useState([]);

const [newTask, setNewTask] = useState('');

// Fetch tasks from the backend

useEffect(() => {

axios.get('http://localhost:5000/tasks')

.then(response => {

setTasks(response.data);

})

.catch(error => console.error('Error fetching tasks:', error));

}, []);

// Add a new task

const handleAddTask = () => {

if (!newTask) return;

axios.post('http://localhost:5000/tasks', { text: newTask })

.then(response => {

setTasks([...tasks, response.data]);

setNewTask('');

})

.catch(error => console.error('Error adding task:', error));

};

// Mark a task as completed

const handleCompleteTask = (taskId) => {

axios.put(`http://localhost:5000/tasks/${taskId}`, { completed: true })

.then(response => {

setTasks(tasks.map(task =>

task.id === taskId ? { ...task, completed: true } : task

));

})

.catch(error => console.error('Error updating task:', error));

};

return (

<div className="App">

<h1>Todo App</h1>

{/\* Input and Add Task Button \*/}

<div>

<input

type="text"

value={newTask}

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

placeholder="New task"

/>

<button onClick={handleAddTask}>Add Task</button>

</div>

{/\* Task List \*/}

<ul>

{tasks.map(task => (

<li key={task.id}>

<span style={{ textDecoration: task.completed ? 'line-through' : 'none' }}>

{task.text}

</span>

{!task.completed && (

<button onClick={() => handleCompleteTask(task.id)}>Complete</button>

)}

</li>

))}

</ul>

</div>

);

}