5 ii TASK MANAGER

task-manager/

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├── server.js

└── public/

└── index.html

INDEX.HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<title>Simple Task Manager</title>

<script crossorigin src="https://unpkg.com/react@18/umd/react.development.js"></script>

<script crossorigin src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"></script>

<script crossorigin src="https://unpkg.com/babel-standalone@6/babel.min.js"></script>

<style>

body { font-family: Arial, sans-serif; max-width: 600px; margin: 2rem auto; }

input, button { padding: 8px; margin: 4px 0; width: 100%; box-sizing: border-box; }

ul { padding-left: 0; }

li { border: 1px solid #ddd; margin: 5px 0; padding: 8px; list-style: none; display: flex; justify-content: space-between; align-items: center; }

button { width: auto; padding: 6px 12px; cursor: pointer; }

</style>

</head>

<body>

<h1>Task Manager</h1>

<div id="root"></div>

<script type="text/babel">

function App() {

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

const [title, setTitle] = React.useState('');

// Fetch tasks from server

React.useEffect(() => {

fetch('/tasks')

.then(res => res.json())

.then(data => setTasks(data));

}, []);

// Add a new task

const addTask = () => {

if (!title.trim()) return;

fetch('/tasks', {

method: 'POST',

headers: { 'Content-Type': 'application/json' },

body: JSON.stringify({ title: title.trim() })

})

.then(res => res.json())

.then(task => setTasks(prev => [...prev, task]));

setTitle('');

};

return (

<div>

<input

type="text"

placeholder="Enter task"

value={title}

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

/>

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

<ul>

{tasks.map(task => (

<li key={task.id}>

<span>{task.title}</span>

<button onClick={() => deleteTask(task.id)}>Delete</button>

</li>

))}

</ul>

</div>

);

}

ReactDOM.createRoot(document.getElementById('root')).render(<App />);

</script>

</body>

</html>

SERVER.JS

const express = require('express');

const app = express();

const path = require('path');

app.use(express.json());

app.use(express.static(path.join(\_\_dirname, 'public')));

let tasks = [];

let id = 1;

// Get all tasks

app.get('/tasks', (req, res) => {

res.json(tasks);

});

// Add a new task

app.post('/tasks', (req, res) => {

const task = { id: id++, title: req.body.title };

tasks.push(task);

res.json(task);

});

// Delete a task by ID

app.delete('/tasks/:id', (req, res) => {

tasks = tasks.filter(t => t.id != req.params.id);

res.sendStatus(200);

});

app.listen(3000, () => console.log('🚀 Server running at <http://localhost:3000')>);

COMMANDS

Npm -v

Cd “folder path”

Npm init -y

Npm I express

Npm install react

Node server.js

Copy the url and past in website