■ neon-notion – Easy Code Summary for Beginners

■ backend/index.js

```
const express = require("express"); const mongoose = require("./database/mongoose");
const Page = require("./database/schema"); const cors = require("cors"); const app =
express(); app.use(express.json()); app.use(cors()); app.get("/pages", async (req,
res) => { const pages = await Page.find(); res.json(pages); }); app.post("/pages",
async (req, res) => { const page = new Page(req.body); await page.save();
res.json(page); }); app.put("/pages/:id", async (req, res) => { const page = await
Page.findByIdAndUpdate(req.params.id, req.body, { new: true }); res.json(page); });
app.delete("/pages/:id", async (req, res) => { await
Page.findByIdAndDelete(req.params.id); res.json({ success: true }); });
app.listen(5000, () => console.log("Server running on port 5000"));
```

■ backend/database/mongoose.js

```
const mongoose = require("mongoose");
mongoose.connect("mongodb://localhost:27017/neon-notion", { useNewUrlParser: true,
useUnifiedTopology: true, }); module.exports = mongoose;
```

■ backend/database/schema.js

```
const mongoose = require("mongoose"); const pageSchema = new mongoose.Schema({ title:
String, content: String, tags: [String], tasks: [{ text: String, completed: Boolean }],
timestamp: String, }); module.exports = mongoose.model("Page", pageSchema);
```

■ frontend/src/App.js (Simplified)

```
import React, { useState, useEffect } from "react"; import axios from "axios"; import
"./App.css"; function App() { const [pages, setPages] = useState([]); const
[selectedPage, setSelectedPage] = useState(null); useEffect(() => {
axios.get("http://localhost:5000/pages").then((res) => setPages(res.data)); }, []);
return ( .NEON Pages {/* Page editor here */} ); } export default App;
```

■ frontend/src/App.css (Aesthetic Theme)

```
.logo { font-size: 24px; font-weight: bold; color: #2f6fed; margin-bottom: 20px;
border-bottom: 2px solid #2f6fed; } .sidebar { width: 260px; background: #fff; padding:
24px; box-shadow: 2px 0 6px rgba(0, 0, 0, 0.02); } .editor { padding: 40px; background:
#f5f7fa; } button { background-color: #4a90e2; color: white; border: none;
border-radius: 6px; }
```