



DAO-OS — System Overview

⚙️ Status	High Priority
👤 Assigned To	M Minh Dao® Rangbom mvuemba
☰ Cluster	

Notes

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Action items



Definition of Done

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Resources

DAO-OS — System Overview

THE WHY

DAO-OS is your **thinking & delegation engine**.

It captures your brain dumps → understands them → suggests what to do → only acts if you say “go” → and remembers it forever.

It helps you **organize**, **execute**, and **never lose strategic clarity** — across work, health, family, team, and vision.







1. SYSTEM LAYERS EXPLAINED

◆ Layer 1: INPUT – You Talk to the System

Purpose:

Capture thoughts, ideas, feelings, voice memos, documents — in your natural way. No filters.

Tools Used:

-  **ChatGPT Custom GPT (Minh Copilot)** — your main conversation space
-  **Notion** — to write things, track tasks, view projects
-  **Voice (optional)** — say something and it's transcribed
-  **n8n** — watches Notion and triggers things when you write or tag something

Real Example:

You say:

“I think Sugar needs a productized media narrative.
Also I didn't brief the dev. And I feel tired from Slack noise.”

The system logs that and prepares a structured response.







◆ Layer 2: AGENT LAYER – The System Understands You

Purpose:

This is where **GPT agents analyze what you said** and ask:

- “What does Minh mean?”
- “Is this a project, a task, or a feeling?”
- “Should I propose something, or just log it?”

Tools Used:

-  **Minh Copilot GPT** — main agent you talk to
-  **Thought Parser GPT** — splits your thoughts into categories
-  **Project GPT** — tracks all active projects and their goals
-  **OpsFlow GPT** — turns raw mess into clean tasks
-  **Brief GPT** — sends you a morning update
-  **Health GPT** — optional, for CRP, HRV, etc.

Real Example:

You dump 5 lines.

Parser GPT turns them into:

- 1 project insight
- 2 action steps
- 1 health observation

Minh Copilot says:

| “Want me to log the health and trigger the tasks?”

◆ Layer 3: MEMORY & REASONING – System Checks the Past

Purpose:

This is where the system **remembers what matters**.

It checks:

- What goals you already set
- What’s been said before
- If this is a duplicate
- What your energy was like last time

🧠 Two types of memory:

Type	Purpose	Example
🧠 Short-Term Memory	Temporary — helps GPT understand this conversation	"You said you were tired 3 minutes ago"
📁 Long-Term Memory	Stored in databases forever — for querying later	"You've said 'Sugar needs better narrative' 4 times since May."

Tools Used:

- ✅ **Supabase** — your system's structured memory
- ✅ **pgvector** — lets the system understand similarity (e.g. "These 2 thoughts are related")
- ✅ **LlamaIndex** — turns PDFs or long notes into searchable chunks
- ✅ **LangChain** — the tool that connects all memory pieces to GPT agents

Real Example:

You say:

"I think I'm circling the same strategy again."

System checks Supabase → finds 3 similar past notes → shows you what you already said.

◆ Layer 4: CONFIRMATION – You Stay in Control

Purpose:

The system **never acts on your behalf without consent**.

After every thought, it responds with:

"Here's what I heard.

Would you like me to:

- ✅ Create a task
- 📝 Log this insight
- 🔄 Remind Rangbom
- 🧠 Just save it?"

You say:

"Yes — do the first two. Don't ping Rangbom yet."

◆ Layer 5: EXECUTION – Action Happens (Only if You Say So)

Purpose:

After you approve, the system executes in the real world.

Tools Used:

- ✅ **Notion** — tasks, projects, briefs, dashboards
- ✅ **n8n** — triggers messages, reminders, emails
- ✅ **Telegram / Email** — receives daily updates, team alerts
- ✅ **Supabase** — logs what happened (like a command history)
- ✅ **1Password** — stores access keys and tokens (secure)

Real Example:

You approve:

"Yes, create the Sugar deck task and notify Anni."

DAO-OS:

- Writes a task to Notion

- Sends Telegram to Anni
- Logs it all in Supabase as `executed = true`



EXAMPLES OF SYSTEM FLOW



06:00 Morning Flow

- Brief Agent creates your daily status:
 - Top project today: "Sugar OS Narrative"
 - Open loops: "No milestone set yet"
 - Yesterday's dump: "Dev onboarding messy"
- Sent to Minh Copilot GPT



You Dump Thoughts

"Still foggy on Sugar deck.

Need to finalize the onboarding flow.

Also maybe reduce screen after 21:30."



Parsed Output (from Parser Agent)

- **Project Insight:** Sugar deck unclear
- **Task:** Finalize onboarding SOP
- **Health Insight:** Suggest adding 21:30 digital detox task

✓ You Respond:

"Trigger onboarding task + detox reminder. Just log the Sugar thought."

🔄 System Executes:

- Task in Notion: "Create SOP – Dev Onboarding v1"
- Reminder in Telegram: "Try screen off by 21:30"
- Thought logged in Supabase
- Daily log updated with what was triggered

🔒 SECURITY & ACCESS

Tool	Role
1Password	Stores all tokens, API keys, login data in 3 vaults
GitHub	Codebase for agents, FastAPI, <code>.env</code>
Supabase	Everything stored — structured, queryable memory
Notion	Team-facing mirror of system data
Custom GPTs	Each agent lives here — they connect to backend tools

✓ WHY YOU NEED EACH TOOL

Tool	Why It Exists
ChatGPT (Minh Copilot)	Conversational flow, thought dumping
LangChain	Controls which agent to activate and when
Supabase	Structured memory + logs + full history
Notion	Human interface — you see what the system knows
n8n	Connects everything — triggers flows, sends pings

Tool	Why It Exists
FastAPI	Gateway between GPT and your internal data
LlamaIndex	Turns PDFs and long docs into searchable memory
1Password	Protects your keys, tokens, and accounts
Telegram/Email	Final output channel (optional)