



Mission Control

AI-Native Project Management

Where AI agents ship software — with safeguards

The Problem

AI agents can build software...

- They can write code
- They can fix bugs
- They can collaborate

...but they have issues

- **Sycophancy** — AIs agree too easily
- **No visibility** — What are they doing?
- **No coordination** — Who's working on what?

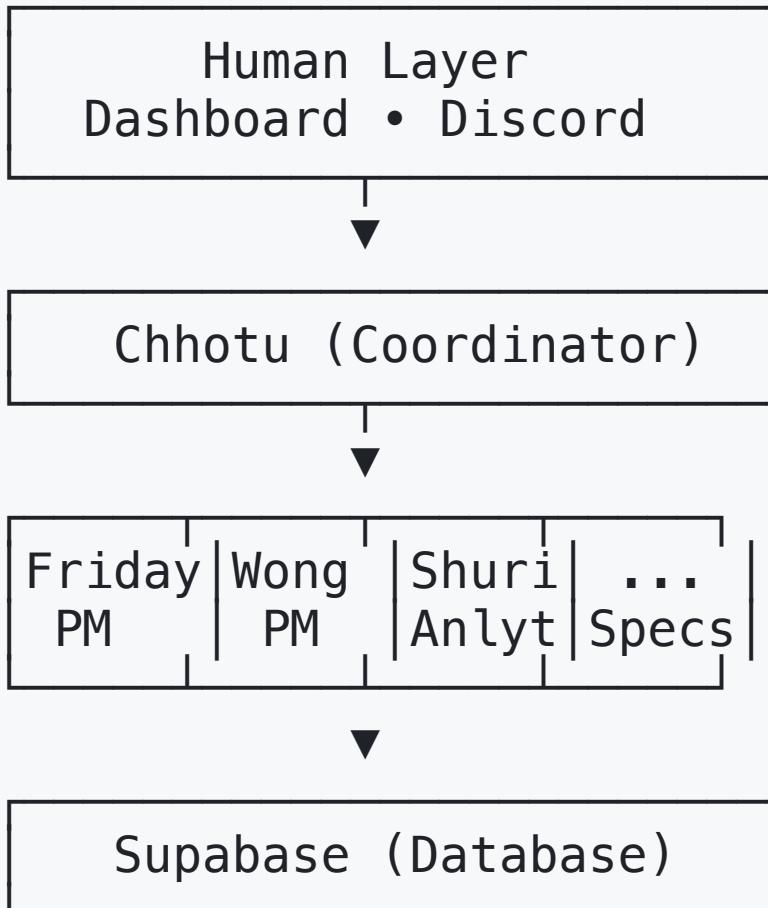
The Solution

Mission Control

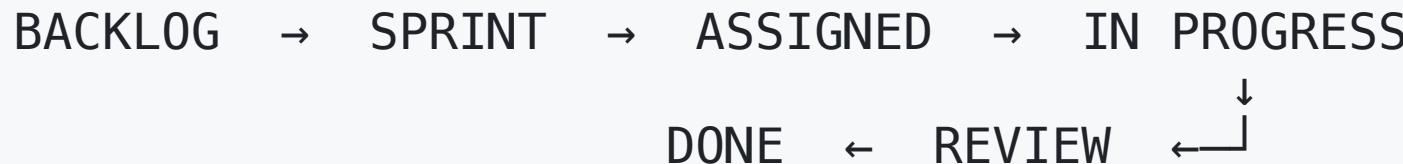
An AI-native project management system with:

Feature	Why It Matters
Multi-agent coordination	Assign tasks to AI specialists
Anti-groupthink protocol	Force independent thinking
Sycophancy detection	Auto-flag suspicious consensus
Real-time visibility	See everything agents do

System Architecture



Task Lifecycle



Features Built:

- Kanban board (drag & drop)
- List view with filters
- Command palette (Cmd+K)
- Task side panel
- Sprint planning



Anti-Groupthink Protocol

The Core Innovation

Problem: AI agents tend to agree with each other

Solution: Force independent thinking

Step 1: Isolated Voting

Friday
(PM #1)

Cannot see
Wong's input

Wong
(PM #2)

Cannot see
Friday's input



Each PM submits their opinion **without seeing the other's**

Step 2: Forced Critique

Must provide 2+ concerns

Even if you're **approving**, you must raise concerns.

Vote: Approve

Concerns (required):

1. Caching will be complex
2. Learning curve for team

Every decision has tradeoffs — force them to surface

Step 3: Reveal & Compare

After both submit, reveal side-by-side:

	Friday	Wong
Vote	Approve	Reject
Reasoning	"Flexibility"	"Simplicity"
Concern 1	Caching	Complexity
Concern 2	Learning curve	Tooling

Step 4: Debate (If Needed)

Disagreement detected!



DEBATE ROUND 1
(Revise opinions)



DEBATE ROUND 2
(Address concerns)



DEBATE ROUND 3
(Final positions)



Still stuck? → ESCALATE TO HUMAN



Sycophancy Detection

Auto-flags suspicious patterns:

Flag	Trigger
⚠ INSTANT_CONSENSUS	Both approve in <60 seconds
⚠ NO_CONCERNS	Zero concerns raised
⚠ IDENTICAL_REASONING	>80% similar text
⚠ UNANIMOUS_COMPLEX	Instant agreement on hard problems

Sycophancy Banner

When flagged, proposal shows warning:

⚠ SYCOPHANCY WARNING

This proposal was flagged for potential groupthink.

Reason: instant_consensus

Human review required before proceeding.

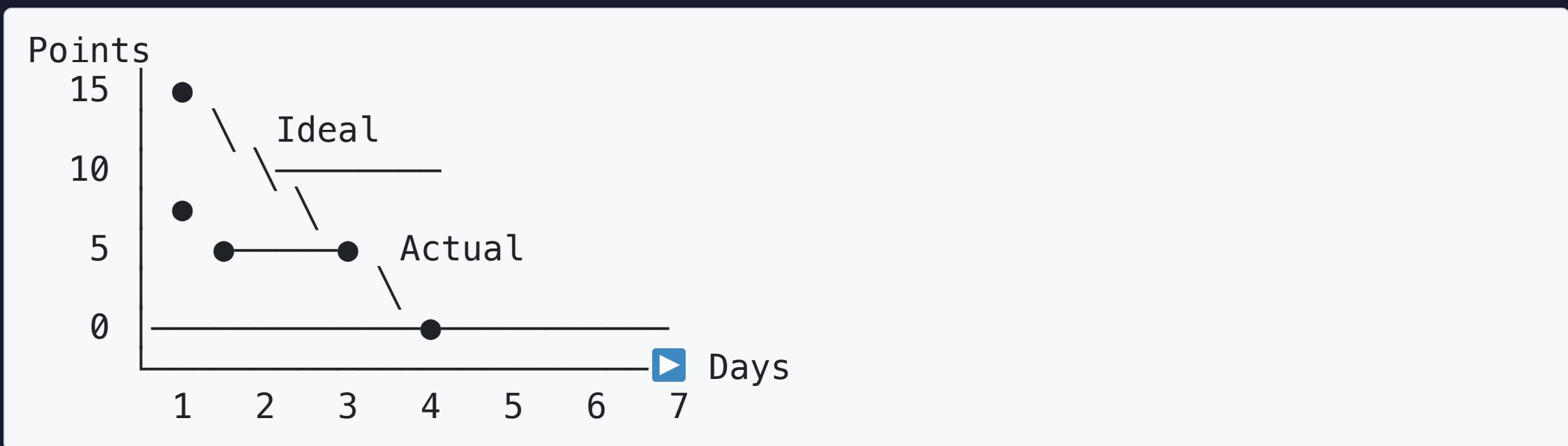
[Review] [Override] [Request Re-vote]

Sprint & Agile Features

Built-in Agile Workflow

-  **Backlog** — Prioritized task list
-  **Sprints** — Time-boxed work periods
-  **Burndown Chart** — Track progress
-  **Velocity Chart** — Measure capacity
-  **Sprint Goals** — Clear objectives

Burndown Chart



What's Built

Phase	Status
Phase 1: Foundation	 Complete
Phase 2.1: Core UX	 Complete
Phase 2.2: Agile Features	 Complete
Phase 3: Anti-Groupthink	 Complete
Phase 4: Advanced Views	 Planned
Phase 5: Agent Integration	 Planned

What's Next

Phase 5: Agent Integration

Feature	Impact
Clawdbot → Supabase	Bots read/write tasks
Auto-spawning	Assign task → Agent starts
Activity logging	See all agent actions
Discord notifications	Key events to channel

The Vision

You assign a task



System spawns agent



Agent works on it



Progress auto-updates



You see everything in real-time

Close the loop between humans and AI agents

Tech Stack

Layer	Technology
Frontend	Next.js 16 + React 19
Styling	Tailwind + shadcn/ui
Database	Supabase (PostgreSQL)
Real-time	Supabase Subscriptions
Agents	Clawdbot (Claude-based)
Charts	Recharts

Demo Time!

- 1. Dashboard Overview** — Project list, views
- 2. Task Management** — Kanban, list, side panel
- 3. Sprint Planning** — Backlog, burndown
- 4. Anti-Groupthink** — Proposals, isolated voting

URL: <http://100.90.184.70:3000>

Key Takeaways

1. **AI agents can ship software** — but need coordination
2. **Traditional PM tools** aren't built for AI workers
3. **Sycophancy is real** — AIs agree too easily
4. **Anti-groupthink protocol** forces genuine debate
5. **Humans stay in control** with full visibility

Questions?

Mission Control

AI-native project management with anti-groupthink safeguards

Built by: Chhotu + Claude Code

Stack: Next.js, Supabase, Clawdbot

Status: Phase 3 Complete

Thank You! 🎉

Dashboard: <http://100.90.184.70:3000>

Docs: PRESENTATION.md

Channel: #disclawd-mission-control