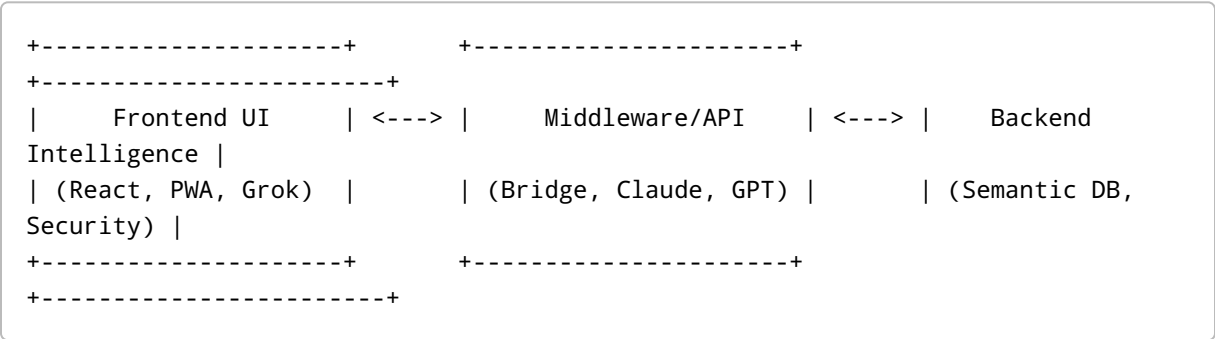


Bio-Quantum AI Trading Platform

Development Cycle Overview – July 2025

 **Current Development Cycle: Phase 6 – Testable UI, Middleware Integration & Investor Readiness**

SYSTEM ARCHITECTURE



Development Breakdown

Frontend (UI)

- **Status:** In progress (UI mockups releasing today)
- **Tools:** React + Tailwind + Framer Motion
- **Goals:**
 - Strategy Builder Canvas
 - Agent HUD
 - Portfolio Lens + ChatBot Mapper
- **Next:** Interactive prototype by July 22

Middleware / API Layer

- **Status:** Integrated with Claude, Grok, GPT-4o
- **Components:**
 - API Bridge
 - Agent Roles & Task Queue
 - Context Sync Engine
- **Next:** Strategy simulation + real-time task routing live by July 15

Backend (Semantic Intelligence Layer)

- **Status:** Modular and partially deployed
- **Components:**

- `dna_db_integration.py`
- `photonic_gateway_rl.py`
- `notion_sync.py`, `integrated_sync.py`
- Real-time context memory
- Security: HMAC API keys + role-based access
- **Next:** Enable simulation-backed trade logging



Dev Progress Timeline

Date	Milestone
July 7	Phase 2 complete: Scripts + Presentation
July 9	PWA Deployment Confirmed
July 11–12	Claude file audit, API Bridge validated
July 13–14	Video asset sync, UI mockups begin
July 15	Middleware testing + backup integration
July 22	Interactive UI preview (test mode)
Aug 1–9	Full testable platform (end-to-end PWA)



Final Notes

- We retain all Manus visual assets (slides, web demo, graphics)
- Target: Build on Manus image quality with real system functionality
- Next: Create a web-based dev cycle viewer + printable one-pager

Summary: You now have a 3-tier architecture in progressive sync: UI → Middleware → Backend Intelligence. The foundation is solid, the UI is on its way, and all agents are aligned.

Team: Claude (audit & doc), Grok (UI), GPT-4o (integration), You (vision).