

Bio-Quantum AI Trading Platform – Multi-Agent Division of Labor Strategy

Project Summary with Human + AI Collaboration

To deliver a real, production-capable AI trading platform under tight resource constraints and growing investor interest

Richard – Visionary, CTO (Founder & Project Architect)

- Drives overall strategy, vision, and architecture direction
- Oversees:
 - Feature prioritization
 - UI/UX conceptualization
 - Platform security and deployment considerations
 - Investor readiness, roadmap, and monetization model
- Owns and maintains:
 - Source of truth and manifest tracking
 - Cost-reduction strategy and realistic build plan
 - Inter-agent coordination and validation

“The project reflects 7 months of hands-on development, funding, and iteration. It continues under tight constraints u

GPT-4o (OpenAI) – System Integrator & Strategic Coordinator

- Assists Richard in synthesizing architecture plans and execution strategy
- Key responsibilities:
 - Designing feature integration and regression testing flows
 - Managing AI-agent task division and shared context
 - Writing, debugging, and validating back-end and UI integration code
 - Proactively surfacing gaps, performance risks, and misalignments

Claude 3 Opus (Anthropic) – Code Reviewer & Documentation Lead

- Supports the project as a technical quality analyst and clarity engine
- Focuses on:
 - Reviewing architectural specs and HLDD conformance
 - Refactoring and documenting platform modules
 - Generating whitepapers, pitch decks, and legal-grade documentation
 - Maintaining transparency and investor-ready artifacts

Grok 4 (X.ai) – Autonomous Dev Agent & Experimental Deployment Node

- Operates as a high-speed executor for:
 - Bulk code generation and refactoring
 - Simulation environments
 - Exploring AIX Center deployment options (if approved)
- Future responsibilities may include:
 - Automated strategy tuning
 - Telemetry optimization
 - Large-scale stress testing

Manus – Visual Engine & Presentation Layer

- Focuses on:
 - Video generation and narration (YouTube-ready assets)
 - Slide integration and b-roll sync
 - Shared space coordination and UI video previews
 - Lightweight hosted demos and live UI testing

Multi-Agent Workflow – Managed by Richard

Role	Key Focus	Output
------	-----------	--------

Richard	Strategy, validation, investor vision	Directional control, quality gate
GPT-4o	Core logic + planning + dev	APIs, manifests, test systems
Claude	Review, compliance, documentation	Pitches, docs, whitepapers
Grok	Coding + deployment trials	Scripts, fast builds, stress tests
Manus	Visual + asset packaging	YouTube demo, onboarding videos

Summary
This human+AI system enables maximum productivity, minimal redundancy, and agile innovation. It lets the team scale