

Bio-Quantum AI Trading Platform

Draft Business Plan (v0.1)

Executive Summary



Bio-Quantum is an AI-powered, multi-agent trading platform engineered to outperform traditional systems by leveraging real-time data, semantic modeling, and coordinated intelligence across GPT-4o, Claude, Grok ANO, and Manus.

Our core value lies in its breakthrough **Multi-Agent API Bridge** that enables true division of labor and collaborative intelligence among best-in-class LLMs, unlocking faster development, smarter decision-making, and market-beating trade execution.











Target Users: Retail traders, institutional funds, hedge funds, AI quant researchers.

Deployment Model: Installable Progressive Web App (PWA) backed by real-time market feeds, cloud APIs, and local AI agents.

Market Opportunity

-  \$90T+ in global equity markets
-  Exploding demand for AI-powered, explainable trading tools
- No major player offers real-time, multi-agent coordination with explainable outcomes

Key Differentiators

| Feature | Bio-Quantum | Traditional Platforms |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Multi-Agent Architecture |  GPT-4o, Claude, Grok, Manus |  Single AI or rule-based |
| Real-Time Strategy Simulation |  Integrated in UI |  Static backtest only |
| Dynamic Agent Roles |  JSON-configurable |  Fixed logic |
| End-to-End Trade Flow |  UI → Strategy → Execution |  Manual intervention |
| Explainability |  Agent logs + PDF summaries |  Opaque systems |

Technical Foundation

- Multi-agent API Bridge (Claude, Grok, GPT-4o)
- Frontend: React + Tailwind (PWA)

- Backend: Python (Flask), WebSocket, REST
- Data: Polygon.io, simulated RL environment, DNA model
- Security: HMAC tokens, role-based access, error recovery

Revenue Model

| Tier | Price Range | Features |
|---------------|--------------|-----------------------------------------------|
| Free Tier | \$0 | Paper trading, limited signals, basic chatbot |
| Pro | \$99/month | Full AI suite, 30-day charts, recommendations |
| Institutional | \$999/month+ | API access, backtesting, strategy versioning |
| Enterprise | \$10K–50K+ | Dedicated instances, white-label platform |

Timeline (Next 60 Days)

- **July 2025:** Middleware + UI testing, investor video
- **Aug 2025:** Testable PWA launch, onboarding agents
- **Sep 2025:** First real trades, investor outreach, Series A prep

Financial Projections (12 Months)

- **User Goal:** 10K free users → 1K paid → 10 institutional
- **MRR Target:** \$150K/month by Month 12
- **Runway:** Self-funded through Q3 2025; seed raise Q4

Data Integrity + Rollback

- Full agent audit logs + snapshot backups
- Persistent session memory across agents
- Recovery points synced to all major code updates
- Supports real-time version rollback + testing branches

The Vision

We believe that the future of AI in finance isn't one supermodel—it's intelligent coordination across multiple models, each excelling at its own role.

Bio-Quantum will become the standard operating system for AI-native, explainable, investor-ready financial systems.

Next Steps

- Generate pitch deck + one-pager
- Draft executive financials
- Demo live system to key investors

Lead Architect: Richard

Bridge Agents: GPT-4o (Integrator), Claude (Reviewer), Grok ANO (UI Dev), Manus (Visuals)