🧠AI Onboarding Flow

Overview:

This flow powers a fully personalized user experience through 5 dynamic steps, tuned by subscription tier:

1. **ExperienceStep**
2. UI Component: ExperienceStep.jsx
3. Function: Assess user experience level (Beginner, Intermediate, Advanced, Expert)

4. AI Tie-In: Determines knowledge base delivery depth

5. **RiskToleranceStep**

6. UI Component: RiskToleranceStep.jsx
7. Function: Slider-based or quiz-style profiling for risk

8. AI Tie-In: Influences trade types (options, futures, ETFs, etc.)

9. **TradingStyleStep**

10. UI Component: TradingStyleStep.jsx
11. Function: Select style (Scalping, Swing, Long-Term)

12. AI Tie-In: Selects temporal patterns and indicators

13. **PlatformPreferencesStep**

14. UI Component: PlatformPreferencesStep.jsx
15. Function: Choose preferred trading tools (TradingView, MetaTrader, ThinkOrSwim)

16. Integration: Activates relevant Middleware API modules

17. **StrategySelectionStep + CustomizationStep + ReviewCompletionStep**

18. Function:
    - AI recommends strategy bundles
    - User fine-tunes preferences (risk limits, drawdown tolerance, stop-loss behavior)
    - Final confirmation screen
19. UI Components: StrategySelectionStep.jsx, CustomizationStep.jsx, ReviewCompletionStep.jsx

---

👃 Manus Sprint Task Cards

😏 Sprint 1 – Phase 5A: RL Agent + Backtesting (LOCKED IN)

Task	Owner	Status
RL Model Agent (DDPG variant)	AI Team	✅Complete
Backtesting Framework Integration	AI Team	✅Complete
TradingView Signal Validation	Richard	✅Complete
MetaTrader + Gateway Sync	Manus	✅Complete
Blockchain Route Test	Manus	✅Complete ✅100% Success

😏 Sprint 2 – Onboarding + Demo Finalization

Task	Owner	Status
Complete Final 5 Onboarding Steps	Richard	🟡In Progress
Wallet UI with Quantum Indicators	AI + UI Team	🔜Next
Profit Allocation Engine	AI Team	🔜Next
CI/CD Live Demo Deployment	DevOps	🔜Pending

👹 Investor Materials Summary

- **Current Deck**: Investor Deck V3 - July 2025
- **Demo Assets**: Blockchain Gateway + Trading AI walkthrough
- **Investor Narrative**: From onboarding to quantum-secured execution

😉 Blockchain Gateway Security

- Quantum Encryption Stack (Post-Quantum Cryptography + NIDR Agent)
- Real-time AI Risk Interceptor Layer (adaptive to threat profiles)
- Photonic CPU Ready: Signal routing + entropy protection layer
- Fully documented in HLDD – Quantum Security Section

◼ Business Plan – Summary Draft

- 3-Tier Monetization (Basic, Pro, Enterprise)
- Projected ARR: $1.8M → $45M within 18 months

• Global B2C + Institutional licensing strategy
• Launch Regions: US, EU, Asia (compliant onboarding stacks)
• IP & Patent Path: 7 patentable innovations identified

😇API Documentation – Connector Targets

• TradingView: Webhook-compatible (confirmed)
• MetaTrader: Connector in final sync (Sprint 1 ✅Complete)
• ThinkOrSwim: Planned for Enterprise phase
• Alpaca / IBKR: Middleware-ready endpoints

😼Component Library

• AI Onboarding Wizard
• Wallet Security Dashboard
• Quantum Indicator Overlay
• Strategy Builder + Backtester
• Subscription Management + Billing View

💖Demo Walkthrough (Updated with Blockchain Route Test)

Demo Title: TradingView → MetaTrader → Quantum Gateway

Flow Summary: 1. Signal generation via TradingView webhook (RSI/MACD demo strategy) 2. Signal routed through MetaTrader connector (live confirmation) 3. Blockchain Gateway intercepts and logs the trade event 4. Quantum security layer validates and encrypts execution 5. UI visual feedback: Trade confirmed with risk profile displayed

Test Results Summary: - Total Scenarios: 4 (EURUSD, GBPUSD, BTCUSD, ETHUSD) - Success Rate: 100.0% - Quantum Signatures Generated: 4 - Blockchain Confirmations: All verified - Avg Execution: 2.1s | Confirmation: 12.3s | Signature Gen: 0.5s - Network Fees: 0.0042 ETH per tx

Assets: - ✅ Detailed logs: blockchain_route_detailed.log - ✅ Test results: blockchain_route_test_results.json - ✅Annotated output: route_test_annotated.txt - 🔄Flowchart diagram: (In Progress) - 🔄 Screenshot walkthroughs: (To be uploaded) - 🔄Embedded explainer video: (Pending render)

👋🏼GitHub & Asset Links

• Core Backend: `github.com/genaix/backend`
• React Frontend: `github.com/genaix/frontend`

- Visual Assets & Diagrams: `github.com/genaix/assets`
- HLDD: To be added after final merge

😏Post Phase 2 – Immediate Next Steps

1. 💖**Phase 3 – Demo Asset Collection**
2. Design trading signal flowchart (Figma or draw.io)
3. Capture live screenshots from the test harness

4. Record video walkthrough for investor slide deck

5. 👐**Wallet Interface UI (Phase 4A)**

6. React component design for cold storage & quantum indicators

7. Begin integration with blockchain metadata

8. 👂 **Profit Allocation Engine (Phase 4B)**

9. Architecture draft for yield tracking + staking pools

10. Optional DAO-style governance logic

11. 😢**Final CI/CD Setup (Phase 4C)**

12. Docker + Render deployment pipelines
13. Monitoring + logging tool integration

👉Phase 4A Quantum Wallet & DAO Engine – Immediate Deliverables

1. 👇**Enhanced Quantum Wallet – LIVE**
2. URL: https://hpbkaszh.manus.space
3. Encrypted keypair management + mnemonic restore
4. Multi-chain support: BTC, ETH, SOL, Polygon, BSC

5. Quantum signature generation (256-bit)

6. 👇 **Profit Allocation Engine – LIVE**

7. URL: https://qjh9iecevlvl.manus.space
8. Staking pool architecture (Proportional & Equal)
9. DAO governance logic: proposal + voting

10. Quantum signature validation throughout

11. 👇**Documentation & Asset Drops**

12. ‼️[IMMEDIATE_TASKS_COMPLETION_SUMMARY.pdf](#)
13. 🈚[Wallet UI Snapshots](#)
14. ☪️[Phase 4 Development Plan](#)

15. 🈸[Wallet Documentation](#)

16. 👂**Workspace Archives**

17. ✅bio-quantum-ai-complete archive extracted and synced
18. ☣️ `/wallet_ui_snapshots/`
19. ☣️ `/profit-allocation-engine/`
20. ☪️All docs and diagrams reviewed

😺Next Steps Summary – Phase 4C Launch

👉 **Richard:** - Review `IMMEDIATE_TASKS_COMPLETION_SUMMARY.md` - Confirm snapshots for investor deck - Approve CI/CD domain deployment

👉**ChatGPT:** - Sync Phase 4A files to Notion - Draft investor-facing summary slide for Phase 4A - Refresh HLDD with Profit Allocation + Quantum Wallet sections

👉 **Manus:** - Integrate frontend wallet UI with live API endpoints - Complete Profit Engine UI logic + governance screens - Deliver final demo walk-through of all quantum systems