Bio-Quantum AI Trading Platform – Roadmap Timeline

1 Overview

This roadmap outlines the task split and timeline for integrating the KM Nugget DNA Layer, HLDD updates, and visual intelligence layer into the Bio-Quantum AI Trading Platform, culminating in the August 8, 2025 investor demo.

2 Timeline Summary

Date	Deliverable	Owner
July 26, 8:00 AM EDT	MS Recall SPI mapping (`spi_mapping_report.md`), KM Nugget wireframes (`km_nugget_wireframes.png`)	Claude, Manus
July 26, 12:00 PM EDT	Updated `apiBridge.js` with DNA model, `StrategyMemoryMap.jsx`	Grok
July 27–28, 2025	HLDD DNA Layer addendum, DNA strand diagram	ChatGPT
August 1–4, 2025	Onboarding video: KM + DNA Memory Walkthrough	ChatGPT, Manus
August 8, 2025	Investor Demo: Bio-Quantum Platform	All

3 Task Breakdown

3.1 Richard (Stakeholder)

- Review DNA Layer Specification PDF.

- Approve HLDD addendum (pending commit).

- Confirm patent submission for DNA-based memory modeling.

3.2 ChatGPT (UI, HLDD, Knowledge Graph)

- Update HLDD with DNA Layer, prompt chain traceability, KM Memory Graph.

- Assist Grok with KM Memory Map UX testing.

- Draft DNA Strand Visualization for onboarding and patent.

3.3 Grok (Backend, UI Dev)

- Refactor `sessionBreadcrumbs` into DNA object model.

- Add codon tagging (e.g., `type: "Condition"`, `origin: "PromptChain-3"`).

- Push to `bio-quantum-deployment` repo (July 26, 12:00 PM EDT).

- Stub Neo4j/GraphQL endpoint.

3.4 Claude (Prompt Chain, SPI Mapping)

- Map MS Recall SPI to KM Nugget DNA strand nodes.
- Validate prompt→nugget→memory coherence.
- Deliver `spi_mapping_report.md` (July 26, 8:00 AM EDT).

3.5 Manus (Visual, Audio Assets)

- Deliver `km_nugget_wireframes.png`.
- Optional: Voiceover for DNA Memory Walkthrough.
- Embed DNA memory metaphor in YouTube onboarding (July 26, 8:00 AM EDT).