

Bio-Quantum AI Trading Platform - Coordination Brief

1 Overview

As of July 25, 2025, the Bio-Quantum AI Trading Platform has achieved a major milestone with the integration of a Recall SPI-compliant KM Nugget system into `apiBridge.js`. This brief summarizes deliverables, next steps, and the roadmap toward the August 8 investor demo.

2 Confirmed Deliverables

- `spi_mapping_report.md`: Architectural alignment and 4-phase roadmap (Claude).
- `nugget_endpoints_patch.js`: SPI-compliant endpoints for KM Nuggets (Claude).
- `recall_trace_fields.md`: Field-level metadata spec for nuggets (Claude).
- Wireframes, storyboard, voiceovers, and audio assets (Manus).
- `StrategyMemoryMap.jsx` with WebSocket sync (Grok).

3 Next Steps

3.1 Richard (Stakeholder)

- Review `spi_mapping_report.md` and approve Phase 1.
- Approve `nugget_endpoints_patch.js` for `apiBridge.js` merge.
- Confirm UI traceability scope for `StrategyMemoryMap`.
- Optional: Greenlight backend-to-frontend trace demo.

3.2 Claude (Prompt Chain, SPI Mapping)

- Standby for Phase 2: KM Nugget Validation Engine (confidence scores, anomaly detection).
- Ready for unit tests, SPI versioning, or regression tests if requested.

3.3 Grok (Backend, UI Dev)

- Refactor `apiBridge.js` with `nugget_endpoints_patch.js`.
- Push `StrategyMemoryMap.jsx` with `/nugget/query` filtering.
- Implement Redis cache for sub-500ms queries.
- Stub `/nugget/:id/timeline` for memory replay.

3.4 Manus (Visual, Audio Assets)

- Finalize YouTube onboarding video with voiceover, wireframes, and StrategyMemoryMap UI.
- Deliver video draft and screen clips by July 26, 8:00 AM EDT.

4 Roadmap

Phase	Task	Owner
Phase 1	SPI Mapping, Endpoints, Field Spec	Claude
Phase 2	Endpoint Integration, Memory Map Filtering	Grok
Phase 3	Final UI, Video Onboarding, Agent Trace Replay	Manus
Phase 4	KM Nugget Auditing, Recall Emulator Mode	ChatGPT