ETUNC.ai HoE 36-Month Gantt Chart

Overall Responsibility: Manages the execution of engineering, development teams (primarily outsourced), ensures code quality, delivery against timelines, and system stability.

Timeline: September 1, 2025 – August 31, 2028 (36 Months)

Phase 1 (Months 1-9): Core VPA Code & Testing Protocols

(September 2025 - May 2026)

Goal: Build the secure, scalable core agentic platform and deliver an initial alpha version of the Institutional MVP focused on 1-2 critical pain points. Establish foundational VPA system elements, leveraging Gemini Ultra 2.0.

Key Tasks	**Tracking Criteria**
1.1 Core Agentic System Development - Lead development of all core agents (Archivist, Analyst, Ethos, etc.). - Ensure robust microservice development & inter-agent communication. - **NEW:** Begin integration of Gemini Ultra 2.0 into foundational LLM layer for Agent Archivist, Analyst, Veracity.	Code completeness for core agents; unit test coverage; API reliability; Gemini Ultra 2.0 integration progress.
1.2 VPA System Development (Foundational) - Implement core components of Agent Provenance & Contextualizer and Agent Accountability & Audit Trail.	VPA code completeness; initial logging functionality verified.
1.3 Infrastructure & DevOps Implementation - Set up CI/CD pipelines; implement robust monitoring & alerting systems; manage deployment environments.	CI/CD pipeline automation rate; monitoring system coverage; deployment success rate.
1.4 Outsourced Team Management & Quality Control - Oversee performance of outsourced engineering teams; ensure code quality standards. - Facilitate communication & collaboration, especially for VPA component development.	Code review scores; sprint velocity; bug detection rate; team productivity metrics.

Phase 2 (Months 10-21): Advanced VPA Development & Integration Testing

(June 2026 - February 2028)

Goal: Successfully execute institutional MVP pilots, gather critical feedback, and begin developing the APIs/white-label features for financial/estate planning partners, ensuring VPA is technically verifiable and globally compliant.

Key Tasks	Tracking Criteria
2.1 Institutional MVP Beta Development & Bug Resolution - Drive development of advanced MVP features. - Manage bug triage & resolution based on pilot feedback.	Beta feature completeness; critical bug resolution rate; user reported bug rate.
2.2 Advanced VPA System Development & Integration - Implement advanced bias mitigation within Agent Ethos & full functionality for Agent Discrepancy & Plurality. - **NEW:** Implement technical aspects of concepts from "Ethical Agent Alignment in SWARMs" research.	Advanced VPA code completeness; integration test pass rate; ethical alignment prototype functional.
2.3 Partner API Development - Develop secure, well-documented APIs for integration with partner platforms. - Build white-label UI components.	API documentation quality; API uptime; integration test suite pass rate.
2.4 Performance Optimization & Scalability Hardening - Conduct rigorous load testing; optimize system for performance under pilot loads.	Load test results; performance benchmarks met.
2.5 EU AI Act Technical Implementation - Implement necessary technical adjustments to meet EU AI Act "high-risk" system requirements for auditability & explainability.	Technical compliance checklist completion; audit readiness for EU AI Act.

Phase 3 (Months 22-36): Production Hardening, Global Compliance & Continuous Delivery

(March 2028 - August 2028)

Goal: Ensure the entire ETUNC.ai system, particularly the VPA, is fully production-ready, globally scalable, and resilient for broader market launch. Deliver the "TruthGPT for Legacy."

Key Tasks	Tracking Criteria

3.1 Enterprise Product Launch Release
 - Finalize product features; ensure system stability & performance for general availability.

Zero critical bugs at launch; system uptime in production.

3.2 Individual Product MVP Development
 - Lead engineering for the simplified individual legacy product, leveraging core platform assets.

Individual product MVP code completeness.

3.3 Ongoing System Maintenance & Feature Delivery
 - Establish post-launch maintenance routines; plan & execute future feature development sprints.

Mean time to recovery (MTTR); feature delivery velocity.

3.4 Global Compliance Hardening & External Audit Support
 - Support CTO & HoAEG in preparing for **all external compliance audits (AIDA, EU AI Act, ISO 27001, etc.)**.
 - Ensure VPA-related documentation & system logs are impeccable.

Compliance audit readiness scores; successful audit outcomes.