FORGE TERMINAL — 6■MONTH ROADMAP

Terminal Platform of the Future

PHASE 1 — Month 1–2

Semantic Intelligence Core

• Expand Artificial Memory (AM) into full semantic engine.

• Persist memory (SQLite) with time■indexed chunks.

• Semantic detectors for: errors, prompts, AI output, code blocks, JSON.

• Implement replayable structured scrollback.

• Build session context index (workspace graph).

• Begin Terminal Agent Protocol (TAP) design.

PHASE 2 — Month 2–3

AI■Aware Execution & Safety

• Add command sandbox and simulation engine.

• Predict filesystem/network impacts of commands.

• Integrate AM into safety decisions.

• Session■wide AI assistant with memory access.

• Integrate TAP for optional TUI cooperation.

PHASE 3 — Month 3–4

Multi■Agent Orchestration Platform

• Backbone for running multiple AI TUIs simultaneously.

• Context passing between agents.

• Agent diff/compare workflow.

• Shared scratchpad and context bus.

• AM-driven agent routing.

PHASE 4 — Month 4–5

Advanced UX for AI-First Workflows

• Sidebar: contextual AI suggestions + memory summaries.

• Semantic timeline navigation with replay.

• Structured JSON/Log inspectors and collapsible regions.

• Visual overlays for errors, code, model calls.

PHASE 5 — Month 5–6

Ecosystem, Extensibility & Release Prep

• Plugin SDK (JS/Python/Rust) on top of TAP.

• Workspace export/share for teams.

• Polished onboarding + themes.

• Release marketing site.

• “Forge Terminal Pro” feature set definition.

OUTCOME (6 months):

A terminal that:

• Understands and remembers sessions.

• Orchestrates AI tools and agents.

• Provides safety, simulation, and intelligence.

• Is the standard platform for AI■first terminal workflows.