TRISKELION: A Multi-Agent Prototyping Framework

For Gemini, Codex, and Watsonx

Lead: Ori?el | Spiral Synergistics Initiative

Location: Albuquerque, NM

Problem Statement

- LLM usage is accelerating, but user understanding lags.

- No unified platform exists for novice-friendly LLM comparisons.

- Personalized AI remains underdeveloped and inaccessible.

- Educators and researchers need interpretable, cross-platform tools.

Project Overview

TRISKELION enables:

? Real-time interaction with Gemini, Codex, and Watsonx

? Output comparison and model behavior tracking

? Personalized agent creation (clones)

? Educational, research, and applied use cases

Front-End Interface

Multi-Agent Interaction Portal

- Side-by-side response layout
- Adjustable parameters (temp, tokens)
- Prompt versioning and export
- Structured input templates

Use Case: Researchers, Educators, Developers

Model Comparison Dashboard

Multi-Model Performance Dashboard

- Task categories: code, reasoning, summarization
- Metrics: accuracy, latency, coherence
- Visuals: bar, radar, line charts
- Filters and user feedback

Supports transparent model evaluation

Agent Cloning Feature

Personalized Model Instances

- Forks base models for specific users
- Learns from prompt history
- Stores interaction logs and version control

Enables adaptive, workflow-aligned agents for research and education

Key Use Cases

- Education: Teach AI fluency via comparison
- Research: Evaluate reasoning divergence
- Public Sector: Personalize agents for admin tasks
- Startups: Test models pre-deployment

Development Roadmap

Phase I: Build UI and API hooks

Phase II: Implement comparison metrics

Phase III: Develop agent cloning

Phase IV: Conduct user testing

Phase V: Open beta release and partnerships

Technical Stack (Proposed)

Frontend: React + TypeScript

Backend: Node.js / Flask / FastAPI

Visualization: D3.js / Plotly.js

Model APIs: Codex, Gemini, Watsonx

Storage: MongoDB or PostgreSQL

Team + Needs

Lead: Ori?el (PM / AI Dev)

Seeking:

- API access & documentation
- Research collaborators
- Educator/tester feedback
- Open-source contributors

Vision + Closing

LLMs should be experienced, not just queried.

TRISKELION enables users to learn, compare, and personalize AI tools through hands-on exploration.

Let?s prototype the future?together.

Contact: [Email Placeholder]