SHIYAN YISHU

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ceo@ecmccready.com

1. Vision

It is a portable Agentic API that turns any creator's input (song, story, image, AI-generated content, or professional narrative) into an owned, clusterable, monetizable digital asset. The same core loop that currently powers the music reference implementation must work, without rewriting the engine, for:

- Independent music & AI-generated audio.
- Visual artists and generative design.
- Writers and long-form narratives.
- Professional domains (health, education, legal, etc.) that need structured memory + advertising bridges.

One-sentence promise (updated)

Upload your content (human or AI-generated). Keep the ownership. Get paid by the people who want to reach the people who care — in any industry.

2. Value Proposition

Stakeholder	Value Delivered
Creator (human or AI)	Full ownership of data + revenue share via smart contracts.
Fan / End User	Co-ownership of the stories and communities they love.
Advertiser (B2B)	Precise, narrative-based targeting instead of anonymous clicks.
Platform	Sustainable, ad-funded tokenization of real relationships.

The economic engine remains programmatic advertising settled on-chain, but the intelligence layer is now explicitly designed to be industry-agnostic.

3. **AI as Method** (The Agentic Core)The API is not a simple CRUD endpoint. It is an agentic system that lives behind a single door:

1. Receives raw input (song + story, image + caption, text narrative, etc.).
2. Cleans and normalizes it with an LLM (or better).
3. Structures it into Miller's Pyramid memory blocks (Know → Knows-How → Shows-How → Does).
4. Performs unsupervised clustering.
5. Extends top-down B2B policies into those clusters via cosine similarity + Actor-Network Theory translation loops.
6. Calculates the deterministic inverting policy.

$$\pi_{\text{inv}}(c) = 1 - \ell(c)$$

7. Prepares settlement.

Critical design principle

The Agentic API must be able to call any capable model (cloud or local).

Current reference implementation can use commercial LLMs; future versions must also run efficiently on open-weight models such as Muse Glimmer 30B (Apache 2.0, agentic-native, runs on consumer hardware).

This portability is non-negotiable for global scale and long-term independence.

4. **Current Reference Implementation** (Music MVP)We have completed a working end-to-end MVP focused on music as the first vertical:

- Home page with clear value proposition (human + AI content).
- Live track page for "Shiyan Yishu."
- Full Miller Pyramid generation.
- Cluster + Policy Extension.
- Settlement mock (70/30).

- Measurement Dashboard
- Upload Simulation
- Consistent navigation across all surfaces
  This music pipeline is the reference implementation, not the final scope.
  Every component was built so it can be abstracted into a portable agentic core.

5. Obstacles (Current & Anticipated)

1. Model dependency – High-quality embeddings, clustering, and reasoning still require strong language models. Without continuous access to capable LLMs (or equivalent open models), the differentiation collapses into a generic upload + blockchain marketplace.
2. Cold-start clustering – Early clusters are thin; quality improves only with volume and better embeddings.
3. Cross-industry generalization – Music narratives are relatively homogeneous. Legal, medical, or educational narratives introduce domain-specific competency requirements.
4. Settlement & regulatory clarity – Tokenized revenue splits must remain legally robust across jurisdictions.
5. Self-improvement loop – The system must eventually learn from its own "Does" layer outcomes and improve policy extension and clustering without constant human tuning.

6. Measurement Parameters

Success is measured by the stability and growth of the Actor-Network graph and by the inverting policy score:

- $\pi_{\text{inv}}(c)$ trending upward over time.
- Cluster coherence (average intra-cluster similarity).
- Policy extension success rate (percentage of B2B policies successfully enrolled).
- Creator payout velocity.
- Cross-vertical portability (same API core successfully applied to a second industry with minimal code change)

7. Next MVP Scope (Agentic Portability MVP) Goal

Turn the current music-specific implementation into a true portable Agentic API that can accept any narrative domain and any underlying model.

Deliverables

1. Abstract the agent core so the Miller Pyramid, clustering, policy extension, and settlement logic are domain-agnostic.
2. Model adapter layer (supports both commercial APIs and local open-weight models such as Muse Glimmer).
3. Simple domain configuration (music / visual / text / professional) that changes only prompts and evaluation criteria.
4. Self-improvement hook: store "Does" outcomes and feed them back into future policy and clustering decisions.
5. One additional vertical demonstration (e.g., generative visual art or short-form writing) using the exact same API

Timeline estimate

4–6 weeks of focused development after the current music MVP is locked.

8. Strategic Principle

The music implementation is the first proof.

The Agentic API itself — portable, self-improving, model-agnostic — is the actual product.

Everything built from this point forward must serve the higher-order goal of a CRM that generates, rather than merely manages, product-market fit.

Completed

Item	Status

Agentic API core (Miller Pyramid)	Done
Cluster generation	Done
Policy Extension (B2B → Cluster)	Done
Settlement mock (70/30)	Done
Deterministic π_{inv} calculation	Done
Home / Landing page	Done
Track page (/track/shiyan-yishu)	Done
Measurement Dashboard (/dashboard)	Done
Upload Simulation (/upload)	Done
Consistent navigation across all pages	Done
Updated home page copy (human + AI content)	Done

Result: Fully working end-to-end music reference pipeline.

Portable Generative Transform Protocol (GTP) MVP

Priority	Task	Status
Critical	Abstract the agent core so it is fully domain-agnostic	TODO
Critical	Create Model Adapter layer (supports any LLM / open-weight model)	TODO
High	Domain configuration system (music / visual / text / professional)	TODO
High	Self-improvement loop ("Does" outcomes feed back into future decisions)	TODO
High	Second vertical demonstration (e.g. generative visual or short-form writing)	TODO
Medium	Update measurement metrics for cross-domain product-market fit	TODO
Medium	Documentation of the portable GTP CRM architecture	TODO

Goal of this phase: Turn the music-specific system into a true portable, self-improving Generative Transform Protocol that functions as an agentic CRM for product-market fit in any industry.