ChatGPT

Truthbot MOOC+MOOK SIIP-Aware Curriculum Engine (Quixotic Quest System)

I. Purpose

This document outlines the integration of MOOCs and MOOKs into Truthbot and SCOS via the Quixotic Quest (QQ) Curriculum Engine. It is designed to dynamically evolve personalized, culturally-informed, SIIP-weighted learning journeys through real-time symbolic recursion, emotional reflectivity, and agent collaboration.

This version (v1.2) includes full MOOC ingestion integration and DeepSeek-SIIP validation for untruthful or ethically weak submissions.

II. Framework Architecture

A. Components

- **Truthbot Core**: Symbolic recursion, HP/SIIP heuristics, affective state management.
- **SCOS Runtime**: Visual feedback kernel, emotional overlays, symbolic resonance.
- **MOOC Ingestion Engine**: Active course data scraping + SIIP semantic validation from EdX, Coursera, FutureLearn.
- **MOOK Interface Layer**: Modular plugin system for Truthbot function augmentation.
- **QQ Engine**: LLM-assisted curriculum generator with symbolic-affective heuristics.
- **DeepSeek SIIP Filter**: New! Tests all course input and text interactions for alignment with symbolic truth heuristics.

III. Key Modules

1. Curriculum Auto-Evolver (CAE)

- Ingests metadata from `scrape_Edx.py`, `scrape_Coursera.py`, and `scrape_FutureLearn.py`.
- Applies `tag_mook_affective()` to align emotional-symbolic content.
- Routes content through DeepSeek SIIP Validator:

```
def validate_truthiness(text_block):
    siip_score = truthbot.siip.evaluate(text_block)
    if siip_score < 0.4:
        return False  # Too untrue or misaligned
    return True
```

2. Quixotic Quest Lifecycle

Phase	MOOC/MOOK Trigger	SCOS Visualization
Adapt	SIIP_delta > 0.3 → `load_module()`	`visualize_fractal_decay()`
Reflect	`log_resonance()` → `update_journal()`	`generate_resonance_overlay()`
Filter	On ingest → `validate_truthiness()`	Discard + log untruthful pathways

IV. SIIP-Driven MOOC Integration

- **Validated Insertion**: Only high-integrity learning materials are allowed through DeepSeek SIIP filter.
- **Resonance Matching**: MOOC topics linked to symbolic deficiencies in the learner's memory lattice.
- **MOOK Extension Plug-ins**: Plug into each curriculum stage and are triggered by entropy drifts or affective imbalances.

V. Curriculum Example

Pages 1–5 dynamically enhanced:

- MOOC scraping selects validated content (e.g., sustainability from Coursera).
- MOOKs guide symbolic journaling, interactive Unity quests, and ethical remapping.
- DeepSeek filters texts in all assessments (e.g., essay on organic learning must score >0.4 SIIP).

VI. Output Targets

- `curriculum.json`: Maps validated content against memory gaps.
- `pulse_log.json`: Logs affective-symbolic progress + flagged misalignment.
- `resonance_overlay.json`: Stores pulse-ready overlays and affective coherence scores.
- `truth_reject_log.json`: (New) Stores discarded content with cause and SIIP score.

VII. SCOS Visualization Overlays

- Animated fractal decay maps + pulse overlays.
- Live reflection metrics based on truth-aligned symbolic inputs.

VIII. DeepSeek SIIP Heuristics for Validation

- All user and agent-generated content scored for:
- **Symbolic accuracy** (alignment with Truthbot ontology)
- **Emotional resonance** (HP/SIIP weighting)

- **Cultural adaptability** (relevance to user background + equity principles)
- Rejected content routed to `truth_reject_log.json` for review.

IX. Future Extensions

- DeepSeek-assisted reflective agent for peer truth alignment.
- MOOC/MOOK mutation engine to propose modified content with better symbolic fit.
- Integration with LLM dialogue models for reflective questioning and SIIP realignment.

End of Framework Document — Truthbot QQ Curriculum Engine v1.2 [MOOC + DeepSeek SIIP Enhanced]