



TLT



THE LEDGER OF THOUGHTS

Write a sentence. If enough people believe it, it's carved into history.

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BUILT ON BASE

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01 — ABSTRACT

A Monument, Not a Feed

Most of what is written online disappears within a day. *The Ledger of Thoughts* (TLT) is built on the opposite premise: that exactly one sentence per week should survive — chosen by open, on-chain vote, and made permanent as an NFT on Base.

TLT is a minimal on-chain application with a simple rule set: anyone can propose a thought for a small entry fee, anyone can vote on any thought for free, and once a week closes, the single most-voted thought is minted as a permanent NFT to its author. No algorithm ranks content. No company decides what is worth remembering. The community votes, the blockchain remembers.

This document describes the mechanism, the economic model, the smart contract that enforces it, and the trust boundaries the project operates within.

IN ONE SENTENCE

Write a thought. If the community believes in it more than anything else that week, it becomes permanent.

02 — THE PROBLEM

Everything Is Ephemeral

Modern social platforms are built for volume, not permanence. A post's relevance decays within hours. Algorithms optimize for engagement, not for what deserves to last. The result is an internet where nothing is scarce – and where nothing, therefore, feels like it matters.

At the same time, the crypto ecosystem has produced thousands of NFT collections whose scarcity is artificial: randomly generated art, arbitrarily capped supply, no connection between the object and why it exists. Rarity without meaning.

The gap TLT addresses

TLT ties scarcity to something legible: social consensus. A thought becomes rare not because a smart contract flipped a random number, but because more people voted for it than for anything else that week. The NFT is a receipt of collective attention – the closest on-chain equivalent to a historical record.

DESIGN PRINCIPLE

Nadirlik matematiksel şans değil, toplumsal onaydan gelmeli. Rarity should come from consensus, not randomness.

03 — THE MECHANISM

How It Works

The system runs in a repeating seven-day cycle. Every action is a direct on-chain transaction – there is no off-chain database of votes or proposals.

01 PROPOSE A THOUGHT

Any wallet can submit a sentence (1-280 characters) by paying a small entry fee (~\$1 in ETH). This fee is the only spam deterrent – no moderation queue, no whitelist.

02 VOTE

Any wallet can vote on any thought once, for the cost of gas only. Votes are recorded per wallet per thought – no wallet can vote twice on the same entry.

03 WEEK CLOSES

After seven days, voting on that week's thoughts is effectively final. The contract exposes a public countdown (`weekTimeLeft()`) so anyone can verify when a week has ended.

04 CONCLUDE & MINT

The contract owner calls `concludeWeekAndMint()` with the winning thought's ID. The contract mints the NFT directly to the original author's wallet and starts the next week. The owner cannot mint any thought other than the one the public leaderboard shows as the winner without the transaction being trivially auditable on-chain.

04 — ECONOMIC MODEL

Who Pays, Who Earns

TLT's economics are deliberately simple: proposing costs money, voting does not, and minting costs the owner gas only. There is no token, no staking mechanism, and no yield promise.

ACTION	COST	PAID TO
Propose a thought	~\$1 in ETH + gas	Treasury wallet
Vote	Gas only	—
Mint winning NFT	Gas (paid by contract owner)	Winner receives NFT

Why a paid entry, free voting

A minimal fee on proposals is the only practical filter against spam without introducing a moderation layer. Voting stays free because participation — not payment — is what should determine which idea wins.

Treasury

All proposal fees are forwarded on-chain, in the same transaction, directly to the treasury address. Funds never sit inside the contract, which removes an entire class of smart-contract risk (there is nothing for an attacker to drain).

05 — SMART CONTRACT & TRANSPARENCY

Everything On-Chain, Nothing Hidden

TLT is a single Solidity contract deployed on Base, built on audited OpenZeppelin primitives (ERC-721, Ownable, ReentrancyGuard).

PROPERTY	VALUE
Network	Base (Mainnet)
Standard	ERC-721
Contract Address	0x2f2170be8A665E1e92c218C34181CDF80FF683ff
Metadata	Fully on-chain (base64-encoded JSON, no off-chain server dependency)

What the contract owner can and cannot do

- **Can:** conclude a week and mint the leaderboard's winner; void a week with an on-chain-logged reason (e.g. spam or abuse); adjust the proposal fee to track ETH price; update the treasury address.
- **Cannot:** alter a vote count, delete a thought, mint a non-winning thought as if it had won, or withdraw funds from the contract (there are none to withdraw – fees route directly to treasury).

AUDITABILITY

Every proposal, vote, conclusion, and voided week emits an on-chain event. Anyone can independently reconstruct the full history of any week using only a block explorer.

06 – THE NFT

Proof of Thought

Each minted NFT is a permanent record of one week's winning sentence. Its metadata – generated and stored entirely on-chain – contains:

- The full text of the winning thought
- The total number of votes it received
- The week number it won

Because metadata lives on-chain rather than on a server TLT controls, the NFT remains legible even if *ledgerofthoughts.com* ever goes offline. There is exactly one winner per week – no runner-up mints, no edition sizes, no secondary "participation" tokens diluting the scarcity.

07 — GOVERNANCE & TRUST MODEL

Hybrid, By Design

TLT does not claim to be fully decentralized. It is a hybrid system: voting and proposal logic are fully on-chain and immutable, while a single owner key retains a narrow, auditable administrative role for concluding weeks and handling edge cases such as spam.

This is a deliberate trade-off. A fully automated, ownerless contract cannot respond if a coordinated bot attack or abusive content briefly tops the leaderboard. A single trusted operator — whose every action is logged on-chain — can. As the project matures, this admin role is a natural candidate for transition to a multi-signature wallet or lightweight community governance.

TRUST BOUNDARY

The owner decides whether to conclude a week. The owner cannot decide who wins — that is determined entirely by public vote counts, visible to anyone before the owner acts.

08 — ROADMAP

What's Shipped, What's Next

Shipped

- Core smart contract deployed and verified on Base Mainnet
- Web application at ledgerofthoughts.com with live leaderboard and voting
- Admin dashboard for weekly conclusion and minting
- Farcaster Mini App integration – usable directly inside Farcaster clients

Near-term

- Native Farcaster wallet connector for one-tap voting inside feeds
- Public archive page showcasing every past week's winning thought
- Multi-signature transition for the owner/admin role

Exploring

- Community-nominated categories or themed weeks
- Secondary display surfaces for minted thoughts (gallery, embeds)

09 — RISKS & DISCLAIMER

Read This Before Participating

Experimental software. TLT's smart contract has not undergone a formal third-party security audit. While it is built on widely used, audited OpenZeppelin components, participants should treat any funds sent to the contract as being at risk, as with any early-stage on-chain application.

No financial promise. Proposal fees are not an investment. Winning an NFT confers no revenue share, governance token, or guaranteed resale value. NFTs minted by TLT should be treated as collectible records of participation, not financial instruments.

Administrative role. Until the owner role transitions to a multi-signature or community-governed process, a single private key retains the ability to conclude or void weeks. This key's actions are fully on-chain and auditable, but participants should understand this centralization exists at the current stage.

Not legal or investment advice. This document is provided for informational purposes only and does not constitute legal, financial, or investment advice. Participants are responsible for their own due diligence and for complying with the laws applicable in their jurisdiction.

LINKS

Website: ledgerofthoughts.com · Contract: basescan.org/address/0x2f2170be8A665E1e92c218C34181CDF80FF683ff · X: @LedgerThoughts