

Viral Love → Estonians888 Project

LoveDoPostNFT and **Estonians888Token** are smart contracts designed to build a decentralized, meritocratic social network on the blockchain. In this system, users create posts, give superlikes, and earn social recognition through on-chain interactions, establishing a "social mining" model where influence is developed through recommendations and genuine community engagement. This approach creates a meritocratic metric system that values users based on the social contributions they make and the recognition they receive.

Overview

The **LoveDoPostNFT** contract allows users to:

- Create posts recommending others.
- Give "superlikes" on posts, awarding tokens to the recommended users.
- Track metrics like received and given superlikes to build a "social merit" score, where each user's reputation and influence emerge from community engagement.

The **Estonians888Token** contract is an ERC20 token used within this social network to reward users based on the value and engagement they create through posts and superlikes. This token structure could be replicated by any community to create similar systems.

Contracts

Estonians888Token

- **Token Name:** Estonians888Token
- **Symbol:** EST0
- **Total Supply:** 88,888,888 tokens
- **Functionality:**
 - Implements the ERC20 standard with additional minting, burning, and controlled issuance functionality.
 - Serves as a reward token for social interactions in the **LoveDoPostNFT** system.

LoveDoPostNFT

- **Contract Type:** ERC721 (NFT-based)
- **Purpose:** Represents each social post as an NFT, facilitating superlike-based rewards and community tracking.
- **Key Features:**

- **Post Creation:** Users can create posts recommending other users.
- **Superlike Mechanism:** Users can give superlikes on posts, rewarding recommended users with tokens.
- **Recommendation Limit:** A user can be recommended up to 8 times with superlikes.
- **Metrics Tracking:** Records received and given superlikes to build reputation and engagement scores.

Installation

To install and deploy these contracts:

```
git clone https://github.com/yourusername/your-repository.git
```

```
cd your-repository
```

1. Install dependencies:
`npm install`
2. Compile the contracts using Hardhat:
`npx hardhat compile`
- 3.

Usage

1. **Deploy Estonians888Token:** Deploy the `Estonians888Token` contract to initialize the token with a total supply.
2. **Deploy LoveDoPostNFT:** Deploy the `LoveDoPostNFT` contract, providing the address of the deployed `Estonians888Token`.
3. **Interact with the Contracts:**
 - **Create a Post:** Use `createPost` to recommend a user.
 - **Give a Superlike:** Use `giveSuperlike` to reward recommended users.
 - **Withdraw Tokens:** Users can call `withdrawTokens` to claim accumulated tokens.

Example

To create a post recommending another user:

```
await loveDoPostNFT.connect(user1).createPost(
  "0xRecommendedUserAddress",
  "ipfs://mediaURI",
  "Sample content for the post"
);
```

To give a superlike:

```
await loveDoPostNFT.connect(user2).giveSuperlike(0); // where 0 is the post ID
```

To withdraw tokens:

```
await loveDoPostNFT.connect(recommendedUser).withdrawTokens(amount);
```

Concepts

Meritocracy and Polymeritocracy

The **LoveDoPostNFT** contract brings to life the vision of a meritocratic society, but in a unique way that acknowledges the value each individual brings without mandating a hierarchical structure or a singular path to influence. Here's what it means:

1. **Meritocratic Metric System:** Rather than power or wealth, users earn merit based on the number of superlikes and recommendations they receive. This builds a form of "social merit," making each user's reputation an organic result of the positive interactions they create within the community.
2. **Polymeritocracy:** The system also supports a **polymeritocratic** framework, where multiple communities or groups can develop their unique merit systems, all interconnected by a shared protocol. In a polymeritocratic ecosystem, each community recognizes different types of contributions and talent, and no single community's standards dominate the others.
3. **The Benefits of Polymeritocracy:**
 - **Value Recognition for All:** Each user is valued for the unique contributions they make within their community, enabling greater social mobility and equitable recognition.
 - **Support for Diverse Talents:** Users can excel in various forms—creativity, technical skills, social support—without feeling pressured to conform to a single standard of success.
 - **Collective Progress:** The system encourages collaboration, as the success of each user contributes to the success of the community, fostering a supportive network.

Interoperable Universal Token - \$LOVE

This project introduces a vision for **\$LOVE**, a universal, interoperable token that enables communities to share a common currency, fostering connections across communities while preserving each community's unique value system. This concept emerged as an insight into creating truly decentralized and supportive ecosystems, where communities can exchange value freely.

1. **Community Tokens:** Each community can create its own token based on this model, measuring influence and engagement through internal metrics. Tokens like **ESTO** in this system are tailored to each group's values and activities.
2. **Interoperability with \$LOVE:**
 - \$LOVE is envisioned as an overarching token that communities can exchange based on standardized metrics—such as transaction density and activity levels—within each community. The \$LOVE token can establish an exchange rate between itself and each community token based on these metrics.
 - This structure allows people to engage in cross-community transactions, trading goods and services on a **marketplace** where all exchanges are denominated in \$LOVE. By creating a universal marketplace, we aim to provide a decentralized alternative to traditional marketplaces (our answer to Amazon), powered by the community.
3. **Self-sustaining Economic System:** In this ecosystem, DAOs can pay contributors in \$LOVE, which can be used within the marketplace to purchase community-produced goods and services. This circular flow ensures the growth of the ecosystem, driven by the talents of its members and the inherent value of their contributions.
4. **Freedom from Traditional Systems:**
 - \$LOVE is designed to be free from traditional regulatory constraints and intermediaries, prioritizing a system that operates independently of direct exchanges or traditional finance models.
 - The ecosystem thrives on cross-community engagement, where value flows naturally based on the contribution and recognition each individual receives, encouraging freedom and innovation at every level.

This vision was born during a moment of inspiration from a psilocybin experience, where I envisioned a world where talent and positive impact determine value. This project brings that vision to life, combining my background as a Java developer with the potential of Web3 to create an ecosystem where people can build fair, value-driven economies that celebrate their unique talents.

Testing

To test the contracts:

Run a local blockchain network using Hardhat:

```
npx hardhat node
```

1. In a new terminal, deploy and test contracts:

```
npx hardhat test
```
2. Example tests cover:
 - Token issuance and transfers.
 - Post creation and NFT minting.
 - Superlike limits and recommendation restrictions.
 - Accurate tracking of accumulated tokens for withdrawals.

License

This project is licensed under the MIT License. See the LICENSE file for details.

This README provides both a technical and conceptual overview, making the project accessible to developers and newcomers who want to understand the underlying mission. Let me know if you want further refinements!

Contacts

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