CryptoSI Vest

October 2024

Overview

CryptoSI Vest is an advanced platform designed to create secure and user-friendly token vesting applications for Ethereum Virtual Machine (EVM)-compatible networks. Our mission is to provide transparent and reliable solutions that ensure token vesting is trustless and efficient, enabling stakeholders to receive their vested tokens based on predefined conditions, such as time-based or price-triggered milestones. CryptoSI Vest focuses on usability, transparency, and security to support developers in building robust vesting contracts that meet both organizational needs and user expectations.

Goals

1. **Trust and Transparency**: Our primary goal is to create a system where users can trust the token vesting process in a decentralised manner. This means that beneficiaries cannot claim tokens before reaching the vesting conditions, ensuring fairness and preventing manipulation.
2. **User-Friendly Interface**: We aim to design an intuitive and easy-to-navigate interface that allows users to track the progress of their vested tokens, view release schedules, and check the amount of tokens eligible for withdrawal.
3. **Customizable Vesting**: Offering flexible options for developers, we support the creation of custom vesting schedules based on various triggers, including time intervals, token price thresholds, or specific on-chain events.
4. **Security**: Leveraging the strengths of smart contracts, CryptoSI Vest guarantees that token releases are handled automatically without the need for third-party intervention, significantly reducing security risks.
5. **Escape Hatch = CryptoSI DAO:** Offer a special ‘optional’ Escape hatch, by allowing vesting contracts to be overridden by CryptoSI DAO on special occasions. Allowing

people the peace of mind of knowing that should their goals not be met for some reason the funds wont be locked forever but will require an expensive proposal through cryptoSI DAO.

Specifications

CryptoSI Vest utilizes EVM-compatible smart contracts to implement customizable vesting solutions. Key features include:

- **Multi-network Compatibility**: Supports Ethereum and other EVM-based networks like Binance Smart Chain, Polygon, and Avalanche. Then SOL and SUI/APTOS in the future!
- **Vesting Schedules**: Define linear or cliff vesting schedules that release tokens over time or after a certain period.
- **Price-based Vesting**: Set conditions where tokens are only released if a target price is reached.
- **Beneficiary Transparency**: Beneficiaries can monitor their vesting schedule, including total vested tokens, tokens released, and pending tokens via a real-time dashboard.
- **Audit-ready Smart Contracts**: Each contract is optimized for transparency and security, ensuring that vesting data is immutable and easily auditable.

FEES

Fees

To ensure the sustainability and efficiency of the CryptoSI Vest platform, a fee structure will be implemented as follows:

1. **Spam Filter Fee**: Each addition of tokens for vesting will incur a flat fee of **0.001 ETH** (approximately $3), designed to discourage spam and ensure efficient use of network resources.
2. **Vesting Partner Fees**: The vesting mechanism introduces a **vesting partner (VP)** variable. This allows the address of a vesting partner to be included in the transaction. Upon payout:
    - **2.5% of the vested amount** will be allocated to the vesting partner, incentivizing partnerships and broader adoption.
    - An additional **2.5% of the vested amount** will be directed to **CryptoSI DAO**, supporting platform development and community governance.

3. **Total Fees**: The total fees for all vesting transactions will amount to **5% of the vested amount**, alongside the spam filter fee.

This transparent and straightforward fee structure balances the need to fund platform operations and incentivize ecosystem participants while maintaining user trust and affordability.

Milestones

Platform Launch (Q1 2025)

Launch of the CryptoSI Vest platform, offering core functionalities such as time-based vesting and beneficiary tracking. Smart contracts for EVM-compatible networks are deployed.

Expanded Custom Vesting Features (Q2 2025)

Introduction of advanced features, including price-based vesting and hybrid vesting schedules that combine multiple triggers (e.g., time and price).

Multi-network Integration (Q3 2025)

Support for multiple EVM-compatible blockchains, allowing users to create vesting schedules on various platforms like Polygon, Binance Smart Chain, and Avalanche.

Expansion to Move and GO networks (Q4 2024)

Expansion to other top networks such as Solana and Sui/Aptos which use different smart contract architectures

STEPS

1 - Develop Logo and Brand

Develop a cost-effective logo and branding for CryptoSI Vest that aligns with the CryptoSI DAO. The design should convey trust, transparency, and innovation, with a focus on token

vesting and decentralization. **Reference for style inspiration:** CryptoSI DAO/Soonak branding video.

2 - Select Team to Build and Maintain the Project

Assemble a skilled team of developers, designers, and testers to bring CryptoSI Vest to life. Focus on hiring professionals experienced in blockchain development (EVM-compatible networks), UI/UX design, and smart contract auditing. Ensure the team is capable of maintaining the project post-launch, ensuring longevity and continuous improvement.

3 - Create Logic Document

Develop a comprehensive logic document outlining the user experience (UX) flow, tokenomics, and incentive mechanisms for the dApp. Include specifics such as:

- **Vesting Schedules**: Time-based and price-triggered vesting.
- **Tokenomics**: Define token allocations, fees, and rewards.
- **Voting Mechanisms**: Introduce governance features with voting weights tied to vested tokens.
- **Incentives**: Incorporate features like early withdrawal penalties, referral rewards, or prize pools for long-term holders.

4 - Create Wireframes

Design the wireframes that will form the backbone of the dApp's interface. These wireframes should clearly map out key components such as the dashboard, token release schedules, and user interactions. Focus on simplicity, ease of use, and clear visibility of vesting details.

5 - Create Frontend Figma

Commission a competent UI/UX designer to transform the wireframes into polished Figma designs. The design should reflect the clean, professional aesthetic of CryptoSI Vest, with intuitive navigation and a focus on transparency. Ensure it is responsive across devices.

6 - Create Smart Contracts and Backend

Develop secure and fully audited smart contracts to handle all aspects of token vesting, including time-locked releases, price-based triggers, and beneficiary tracking. Emphasize decentralization and immutability, ensuring that users' assets are safe from manipulation. The backend should integrate seamlessly with the blockchain and frontend.

7 - Integrate and Fully Develop dApp

Complete the integration of the frontend and backend, ensuring that the dApp is fully functional and user-friendly. This stage will involve multiple iterations, ensuring smooth operation across supported networks (e.g., Ethereum, Solana, SUI).

8 - Testing

Conduct thorough testing of the dApp using test tokens (such as an established meme coin or other testnet assets). Coordinate testing with business development or project testing personnel. Focus on both functional and security tests, including simulations of various vesting scenarios.

9 - Launch

Prepare for the official launch of CryptoSI Vest. Ensure that all contracts are deployed to the mainnet, and that users can begin using the platform to create and track vesting schedules. Marketing efforts should highlight transparency, security, and the ease of use of CryptoSI Vest.

Future Features

NFT Beneficiaries

Users can claim vested and unlocked tokens by Spending an NFT, They will receive a ‘change’ NFT if the vest is not complete

AI support

An in app natural language AI bot will be able to explain what a vesting contract entails and give it a score for strength and details about releases and what that might mean

Monitor alerts

Emails or text messages when a followed Vesting target is near and hit. 7 days away or 90% towards the price.