solswinter

SolsWinter.io

CREATE LIQUIDITY FOR YOUR TOKENS AND SWAP FOR THE SOLANA OPEN SOURCE BLOCKCHAIN NETWORK

The most secure Decentralized peer to peer Multi-Chain Crypto Exchange offering the lowest fees and fastest growing Deflationary Primary Token on the Solana Open Source Blockchain Network.

Abstract

SolsWinter.io is a decentralized exchange built on the Solana Open source blockchain network. It permits participants of the blockchain to provide liquidity and create a market for others to exchange and swap their Solana native tokens.

In return, swappers and traders pay a small fee and liquidity providers earn a return on their deposit.

Background

The term "Decentralized Exchange" (DEX) refers to an application accessible through a series of smart contracts running on a suitable blockchain, which helps financial services traditionally facilitated by a central entity. Instead, trustless parties can participate in a financial market, depending on the behavior of the smart contracts to secure the transaction. In addition to decentralizing access to financial services, a DEX also typically decentralizes profits from those services. Participants who provide the liquidity to create the market collect a small fee, creating a vehicle for passive income from returns usually reserved for large institutions and unheard of for the individual. Hence a normal average individual can make

profit by providing liquidity for a Decentralized exchange, whereas in the Centralized finance world, such profits are usually reserved only for big banking corporations.

Decentralized Exchange is simply put in understandable terms as taking financial power from greedy banking corporations and putting it in the hands of everyday individuals like you and I. Several successful DEXs have been built on existing blockchains: Uniswap and Curve on Ethereum, and PancakeSwap on the Binance Smart Chain, to list a few notable examples. SolsWinter.io is a DEX being built for the Solana Blockchain.

Why Solana Blockchain

SOLANA Blockchain is one of the fourth generation blockchains that provides users with an open and new infrastructure to increase scalability. The network uses a number of new technologies that give it unparalleled speed and very high security. For this reason, Solana network has experienced significant growth since 2017 and after its introduction.

One of the shortcomings of the Cryptocurrency market, which is becoming more and more serious, is its scalability. The dependence of the initial blockchains on the control mechanism of the work presentation has led to several problems. Top-notch Cryptocurrencies such as Bitcoin and Ethereum are currently facing a flood of new projects, some of which are in the Defi area. The increase in such projects unfortunately leads to higher transaction costs and delays in transactions for the general public.

SOLANA blockchain prevents a scalability crisis by creating a system that distributes network transactions according to bandwidth. For example, Bitcoin can do seven transactions per second, and Ethereum can do twelve transactions per second, while Solana can do up to 50,000 transactions per second with its technology, which is very different from first-rate Cryptocurrencies. It's amazing.

It is not difficult to see the benefits of a Cryptocurrency that can grow to the scale of the international community's economic needs. In addition, the scalability of SOLANA Cryptocurrency makes it a better blockchain for decentralized applications such as decentralized exchanges (DEX), while also providing the lowest level of gas fees.

This first paper provides the necessary background information that future whitepapers will build upon for the SolsWinter.io protocol.

There are a number of models we are evaluating, and seek to remain flexible, so details may change as we approach the launch date.

SolsWinter.io

SolsWinter.io is a decentralized exchange built on the Solana blockchain. It allows participants of the blockchain to provide liquidity and create a market for others to exchange their native tokens. In return, swappers and traders pay a small fee and liquidity providers earn a return on their deposit. This and future whitepapers will outline an initial product modeled after the protocol popularized by Uniswap, with several innovative adaptations for the Solana blockchain.

Multi-function liquidity pool

By leveraging multiple pricing functions for a single liquidity pool, liquidity providers (LPs) have the option to choose the pool that is most optimized for a specific pair which would yield the highest returns/most capital efficient.

At first thought, this might seem to lead to liquidity fragmentation. However, LPs will naturally flow their capital into the most efficient pool for a specific

pair because that pool is the most traded against. Automated yield farming strategy created by the community such

as the likes of Yearn Finance will also help LPs to rebalance their capital into the most efficient pools. This is no different from having multiple AMM protocols with different pricing functions, but moving liquidity between pools and trading will be faster and cheaper

because all pools are on a single platform. Building an AMM with the anticipation for multiple pool functions will also lead to seamless integration of the best ideas from the community without having to do a hard-fork or major migrations.

Constant-product pool

UniSwap popularized the concept of a constant-product market maker. Constant product pricing curve works well for most pairs but incurs some impermanent loss for inverse-correlated pairs (i.e. pair that has prices moving in opposite directions). The pricing function on a constant-product pool is really simple.

Multi-asset pool

Multi-asset pool generalizes the concept of constant-product function to more than two assets. It allows creating a pool with any amount of any number of assets, instead of limiting the LPs to provide an equal amount of two assets. This basically means that an LP can provide their entire portfolio as it is and get it automatically re-balanced while earning fees.

Stable pool

SolsWinter.io has discovered that stable pairings (pairs with comparable prices, usually tied to an external asset like BTC or USD) had a superior function. It's a dynamic "amplification coefficient" that combines constant-product and constant-sum functions.

This helps lower slippage on low-liquidity pools while always ensuring liquidity for large trades.

Dynamic pool

SolsWinter.io "amplification factor" from stable pairs to other pairs in general. The concept is called Dynamic Market Making (DMM). With DMM, the "amplification factor" is programmed based on a pair's inherent volatility. It also introduces a better fee mechanism where trading fee is adjusted dynamically based on trading volume and price volatility.

Multi-function liquidity pool

By leveraging multiple pricing functions for a single liquidity pool, liquidity providers (LPs) have the option to choose the pool that is most optimized for a specific pair which would yield the highest returns/most capital efficient. At first thought, this might seem to lead to liquidity fragmentation. However, LPs will naturally flow their capital into the most efficient pool for a specific pair because that pool is the most traded against. Automated yield farming strategy created by the community such as the likes of Yearn Finance will also help LPs to re-balance their capital into the most efficient pools. This is no different from having multiple AMM protocols with different pricing functions, but moving liquidity between pools and trading will be faster and cheaper because all pools are on a single platform. Building an AMM with the anticipation for multiple pool functions will also lead to seamless integration of the best ideas from the community without having to do a hard-fork or major migrations.

SolsWinter.io Features

Peer To Pool, Pool To Peer Lending Protocol (P2P)
Using our innovative pooled lending contract, we will be able to make lending and crypto loan access easier and yet decentralized as users can borrow pooled assets to payback at a specified date with interest.
The SolsWinter.io lending protocol will enable you to exchange your deposited assets on the Solana Network, including those used as collateral, for another asset. It also enables you to repay your debt/loans using your deposited collateral.

Cross Chain Exchange/ Swap Protocol
SolsWinter.io will be a decentralized automated market maker protocol that will enable users to swap and trade native Solana tokens in a trustless manner. A cross-chain swap enables trading tokens across different blockchains without using an intermediary party (e.g. an exchange service) in the process. SolsWinter.io follows the HTLC protocol to create a trustless environment for the decentralized exchange of assets. The protocol guarantees that if all participants agree, the swap will take place. On the contrary, each participant should receive their locked funds back if some of them decide not to conclude the process.

Native Assets Lending Protocol
With our smart contract released and deployed, users can connect their wallet deposit assets and earn interest in a secure yet decentralized manner.

Other SolsWinter.io Facets

Fair Distribution
$Winter tokens are distributed fairly to protocol participants and early adopters.

ERC-20 To Solana Converter
Our ERC-20 To Solana Token Bridge would be helpful for project owners that would like to migrate their tokens from the Ethereum blockchain to utilize the low transaction fees of Solana by just a few clicks.

Yield Farming

$Winter tokens are rewarded to liquidity providers who stake their liquidity pool tokens.

Launchpool
Supporting new projects Solana Network with Initial DEX Offering (IDO) and Initial Farm Offering (IFO).

Permissionless
Anybody can list tokens without permission. Anybody can trade tokens without KYC.

Community First
All trading fees go directly to liquidity providers. SolsWinter.io token holders can vote democratically on protocol changes.

Stake Pool Operators Support
SolsWinter.io supports the SPOs by a community-oriented SOL delegation policy and automatic native token fees conversion.

RoadMap

Q4 2021
October to December
- Announcement of SolsWinter.io
- Launch of SolsWinter.io website
- Announcement of Whitepaper
- Project Kick Off
- Marketing Campaign
- $winter Token Minting
- Sale of $winter to Early Investors through Private Sales / Distribution of $winter to Private Sale Investors
- Sale of $winter to Pre Investors through Pre Sales / Distribution of $winter to Pre Sale Investors

Q1 2022

January to March
- Airdrop and Bounty
- Public Sale of $winter
- Token Listing on Exchanges
- Listing on Coinmarket Cap and Coin Gecko

Q2 2022

April to June
- Security Audit
- Announcement of Technical update
- Mobile App Development
- Staking Platform Release
- Mobile app Launch

Q2 2022

April to June
- Software Updates Release and Bug fixes

Tokenomics

Winter Token

SolsWinter.io will issue a platform token named $Winter to enable decentralized community governance and incentivize early stage users.

Token Type: Solana Token
Token Name: Winter
Token Ticker: SOLSwinter
Total Supply: 500,000,000 (Five Hundred Million).

1 $SOL = 28,170 $Winter
0.0000355 $Winter = 1 $SOL

$Winter Token distribution:

Ecosystem Reserve: 10%

Liquidity Incentives: 20%
Team: 10%
Advisors: 10%
Sale Rounds: 50%

SALES ROUNDS

Private Sale: 100,000,000
Pre Sale: 50,000,000
Public Sale: 100,000,000

LEGAL DISCLAIMER

READ THIS DISCLAIMER VERY THOROUGHLY. CONSULT WITH YOUR OWN LEGAL AND FINANCIAL ADVICE BEFORE ENGAGING IN ANY ACTIVITY INVOLVING FINANCIAL RISK.
NEITHER SolsWinter.io, NOR ANY ASSOCIATED THIRD-PARTY SERVICE PROVIDER SHALL BE LIABLE FOR ANY KIND OF DAMAGE OR LOSS, INCLUDING DIRECT AND INDIRECT, THAT MAY FALL UPON YOU AS A RESULT OF READING THE WHITEPAPER, AND OTHER MATERIALS PRODUCED BY SolsWinter.io.

Materials produced by are not intended to be investment advice, solicitation of any kind nor an endorsement. Any decision or actions taken based on information presented in this whitepaper, the SolsWinter.io platform or other associated content is done at the reader's own discretion and risk.

Forward looking statements Certain information set forth in this whitepaper includes forward-looking information regarding the future of the project, future events, projections, and estimations.
These statements may be identified by, but not limited to words and phrases, such as "will", "should", "believe to", "expect", "project", "anticipate", or words of equivalent or similar meaning. Such forward looking statements are also included in other publicly available SolsWinter.io materials, blog posts, interviews, social media outlets, etc.

Information contained in this whitepaper constitutes forward looking statements and includes but is not limited to:
1. The expected future performance of the project.
2. Completion of the project development.
3. The expected timeline of project development.
4. The expected exact distribution of funds.

5. Execution of project's vision and strategy.

6. Future implementation of new features and platform functions.

There are no guarantees that SolsWinter.io platform will succeed financially. Similarly, there are no guarantees that the $Winter token will rise in value.

You are advised to thoroughly assess the risks and uncertainties involved before making any decisions.

No promises, in terms of token value or future performance are made. Representation and warranties for the reader Upon taking action on the basis of the information presented in this whitepaper, you confirm that:
1. This whitepaper, the SolsWinter.io website or any other material produced by the SolsWinter.io team, is not an offering, solicitation or prospectus of any kind.
2. SolsWinter.io is exempted from any direct or indirect liability to the maximum extent of the law.
3. $Winter tokens are not regarded as securities in any jurisdiction and that $Winter token is classified as a utility token.
4. You have a good understanding of the key components of blockchain technology and understand how blockchain operates. In addition, you fully understand how to use blockchain wallets, including safeguarding private keys.

5. You understand that no technology, regardless of its quality, is completely protected from malware or social engineering attacks.
6. You are fully aware of the risks in the crypto asset industry and are able to bear potential losses in full.