Application Litepaper

February 2022

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Introduction

The current space for DEX trading tools is riddled with hidden fees and UI safeguards that keep users from accessing the full power and speed of token trading.

Bylo is a mobile-first application that aims to reduce UI restrictions on trading to allow users to execute trades in a faster and straight-forward manner.

Housing all this power in one application requires three (3) core functionalities:

- **Wallet** capabilities to parse private keys and scan the blockchain, summarizing funds and allowing users to interact with smart contracts.

- **Smart Contract Execution** to be able to make calls against Layer 2 protocols for placing orders in the blockchain mempool.

- **Advanced Trading** features that will help users secure their positions

Bylo Hot Wallet

" Bylo Wallet is built around account security while giving users scalable preferences as they become more comfortable in the Defi space. "

Bylo Hot Wallet

This year has been an amazing period of innovation for web3 hot wallets. Each mainstream hot wallet has a feature or facet that they get right. Some connect better with web3 protocols, some have more involved security with your address, some even have built-in swaps.

None of them have at this point been able to include all of these functions and security into one main wallet application for mobile users.

Bylo Hot Wallet

There are many ways in which someone can gain access to your private keys, in turn, draining you of all your funds. The web3 world needs more robust security measures in place to account for all the new attacks that can be made against public wallet addresses.

Enter Bylo, which incorporates security as a core tenet in the development of our wallet app.

Smart Contract Execution

" Swapping with Bylo will be a seamless process, leveraging web3.swift libraries. "
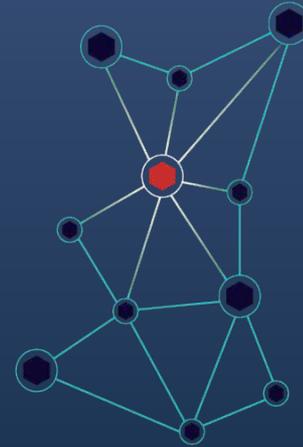
Bylo Swapping

In the world of DeFi, speed is very important when it comes to swapping. Due to Automated Market Makers (AMM's), like Uniswap, anyone can swap for a token without having to wait for someone else to put a sell order in. This means that at any time you can be up against hundreds--if not thousands--of other investors all attempting the same position.

Bylo Swapping

Current swap protocols for mobile usually involve a swap contract. Adding an additional smart contract that you have to swap through not only increases your gas cost, but they usually incur another fee on top of that, it also slows your swap down since your transaction has to go through yet another step of validity.

By utilizing the code that is forever on the blockchain, we can give you the same swap code that advanced bot traders use in securing their positions.

Bylo Swapping

Are there wallets with native swapping? Yes! It is the new wave of web3 tech. What they all fail to deliver is a UX which gives you optimal speed in posting a transaction to the blockchain. Speed is everything in DeFi trading and we aim to deliver that to you by listening to our community about what you require most from your UX.

Advanced Trading

" With Bylo we will have subscription tiers for features such as limit orders, stop loss orders and even trailing stop loss orders. "

Advanced Trading

The nature of AMM's means that you no longer need to rely on buy/sell mechanisms of order books. AMM's are a great innovation, but they come with a price.
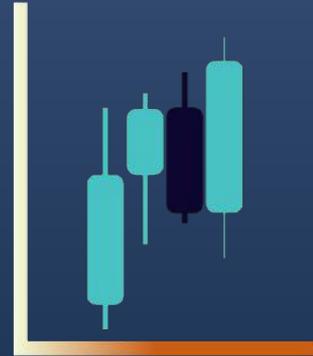
The formula for the price point of one token's value against its pair makes it more difficult for an app to include limit orders and the like. This does not mean it's impossible, it just takes a lot more work to get it right and make sure you are indeed getting your price point.

Advanced Trading

Bylo will have subscription tiers for features such as limit orders, stop loss orders and even trailing stop loss orders. This is a massive improvement for your mobile DeFi trading experience that we are excited to offer.

The nature of the blockchain is--at its core--an immutable ledger. This alone gives us data to pull from for many different features that need to manifest via web3.

Advanced Trading

One feature in particular that our team will proudly deliver to users: **custom top ten trending tickers**.

Websites that aggregate data for top ten tokens are easily swayed by bots and bad actors. Bylo will let subscription users define the qualities they would like to see in the top ten tokens for any given exchange. These are all features that will be improved upon throughout the lifecycle of the mobile app.

Top 10

TL;DR

See right side for full app detail summary. The Bylo Wallet alpha is currently available to $BYLO token holders. **Get access now**.

A full roadmap is forthcoming.

Bylo App Breakdown

- Bylo is a mobile hot wallet
- Swapping will be done via AMM's directly from the wallet (no dApp browser necessary)
  - AMM's are just varying contract addresses, so you'll be able to easily choose between Uniswap, Sushiswap, etc.
- Swaps will be done faster than normal wallets and AMM connections due to improved and optimized UI/UX
- Advanced trading tools will be available for a subscription cost, and will include:
  - Limit orders
  - Stop loss orders
  - Trailing stop loss orders
- Some features will be entirely community-driven, like defining the Top Ten token algorithm for trending market tokens.

Alpha Release

The Bylo Wallet alpha is currently available to $BYLO token holders.

Token holders can get access to it via TestFlight, and give feedback on our Discord server.

Use hashtag #ByloGains to share your success stories on Twitter or Instagram.

Bylo Alpha Summary

- Apple devices only (for now)
- BSC mainnet trades only (for now)
- PancakeSwap AMM router only (for now)
- Released via Apple's TestFlight distribution
- Access steps:
  - Must hold 100,000 $BYLO minimum (*buy here*)
  - Verify holdership via Collab.Land
  - Submit your Apple ID using a form pinned in Discord, only available for verified holders
  - Download and install TestFlight for iOS/iPadOS or macOS
  - Access will be granted to your Apple device(s) - a TestFlight download link will be emailed to you and should be opened from the device(s) you intend to install Bylo on

Questions or Comments?

Bylowallet.com   Discord   Etherscan   Telegram

For fastest response, use our website or Discord.