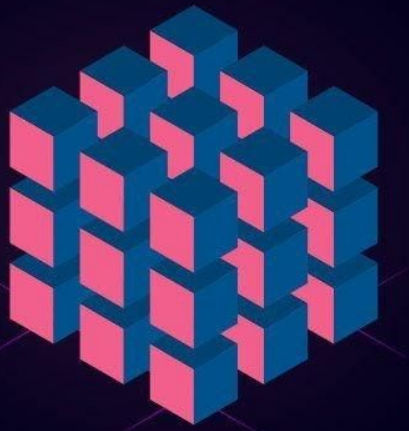


<https://unidapp.app>

UniDApp White Paper



Unidapp

Its DeFi time!



The Structure

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What is Uniswap and How does it work?

Uniswap can be named as a next-generation product in crypto exchange creation. Despite the fact that platforms work fully decentralized, all the main tasks and functions work correctly, without any bugs, delays, or other errors. With each passing day, the number of users increases, and this boom is not going to stop.

The exchange does an excellent job and works smoothly. So let's dig a little deeper into technology and understand why it causes such a market boom, what are the main advantages as well as difficulties in its work.

Uniswap was created to solve one particular problem that affects all the crypto exchanges. This problem is called - lack of liquidity. We are pretty sure that each of you have encountered this problem at the moment when you needed to sell a large volume of cryptocurrency, while not influencing its price. This requires a big number of those who want to sell and purchase tokens.

Uniswap developed a unique solution, by implementing an automated liquidity protocol based on a "constant product formula". The chain-based smart contract system Uniswap basically creates a market automatically, due to which transactions are carried out almost instantly.

The liquidity providers are the traders themselves, who pay a commission of 30 basis points per trade. Thus, in each Uniswap pair, reserves of two assets are stored and they also provide liquidity for these assets, taking into account the fact that the reserve is not subject to decrease. Also, contracts are not renewable.

Another exceptional feature of Uniswap is that you don't need to replenish the wallet with coins, place a trade order - that is, indicate the desired cryptocurrency for purchase and the required volume in order to withdraw funds. Just transfer coins from your wallet to a specific address and receive the needed sum of tokens in return.

let's look at the main pros and cons of using Uniswap. Starting with advantages:

- **No need for KYC.** All Uniswap users don't need to prove their identity. The system is fully decentralized, working on the basis of smart contracts without any additional

regulation. That is why none of the regulators can put pressure on the system and force users to reveal their identity, despite network congestion or trading volume.

- **No registration required.** Another big step towards speeding up work, minimizing the time spent on transferring funds, and generally improving the platform. No need of creating an account, providing personal email, and remembering passwords, cause Uniswap simply doesn't store any accounts. The only password to keep in mind is from your MetaMask wallet.
- **Almost instant transactions.** Uniswap users don't need to wait for the execution of the order. Instead, they conduct token exchanges and the only parameter that affects the speed of swap is the amount of commission paid.
- **A broad spectrum of tokens listed.** Another way to profit with Uniswap is to purchase tokens before the official listing on the traditional big exchanges like Binance, Poloniex, etc. Almost every token can be listed on Uniswap, that's why lots of companies start with it and then add the token to other exchanges, that reflects its cost.
- **A rather simple interface.** Even if you are a newbie in crypto and haven't used other exchanges, it's really easy to understand how the Uniswap works. Just a few taps and your trade is closed

In addition, Uniswap has released the Uniswap v2 Core. Developers used the same formula but with some new features. First of all, they enabled the creation of arbitrary ERC20/ERC20 pairs. (Before the new release they supported only pairs between ERC20 and ETH).

It also provides a hardened price oracle that accumulates the relative price of the two assets at the beginning of each block.

The Flash swaps have been enabled as well. Now users can receive assets freely and use them elsewhere on the chain, only paying for (or returning) those assets at the end of the transaction.

Cons of working with Uniswap, which the UniDApp project closes, we will consider in the next chapters.

What is Defi?

Decentralized or opened finances are the key to our financial freedom. While the old-fashioned financial institutions are trying to keep their influence, control, and huge commissions, the World already is changing. DeFi is much like blockchain technology, which allows numerous organizations and people to store the history of their financial transactions online. What's important is that this process is not controlled by any institution or state regulator. This means a lot because all the institutions like banks, tax regulators, credit cooperatives, investment funds, dealers, and brokers - all of them are able to limit the speed and complexity of transactions thereby limiting the ability to manage your finances directly. Moreover, they all do charge commissions for their so-called services. When it comes to DeFi, there not only an ability to store finances appears, but also more complicated variants of financial procedures.

Digital assets like Bitcoin or Ethereum do differ from traditional methods of digital payment like Mastercard or PayPal by removing intermediaries from the deal. When you use your credit card to pay at the store, the financial institution controls your transaction. The bank can easily block your transaction or suspend it and write down all the data into their system. But when you use cryptocurrency like Bitcoin, no financial institution interacts your business, cause they simply don't have any access to it.

Loans, insurance, crowdfunding, derivatives, rates - this is not the whole list of financial services being controlled by financial corporations. The advantage of DeFi technology is that it cuts off the intermediaries not only from the direct purchases but from other financial operations as well.

Up to date, DeFi has a whole ecosystem of products that already work and make life easier for thousands of people around the world. Among them:

Decentralized exchanges (DEX). Online exchanges allow users to exchange different currencies. They can choose cryptocurrencies (Ethereum, Bitcoin, Litecoin, etc) or traditional like US dollars. This is a type of exchange when users are connected directly, without any third parties or other intermediates. Thus, users don't need to trust their money to a stranger and they also don't need to pay commission to the intermediary.

Stable coins. This is a type of cryptocurrencies with a stable price secured binding to a traditional asset such as gold or US dollars.

Loans (Credit) platforms. These platforms use smart contracts to secure deals between lenders and borrowers. All the operations are controlled by the platform and no other intermediary (like bank or credit company) is required. This reduces the risks of both the borrower and the lender, and also significantly reduces the interest that the borrower pays. Lenders in such transactions usually also receive higher interest rates than if they simply put the money in the bank as a deposit.

Betting markets. These markets provide the same functionality as traditional ones, but with worthwhile advantages. The corruption, additional payment to mediators, unfair winnings, and other cons of old betting markets are cut off.

To draw the conclusion we must mention that DeFi apps are extremely useful for people from countries with underdeveloped or unstable economies. DeFi services are also in demand in developed countries, especially in the field of lending, investment, and the development of new models of income generation.

The main advantages can be named as:

- Everything is online and digital
- No borders
- Everyone is accepted.
- Open-source code
- Decentralization

UniDApp

UniDApp is a completely new, tested, and unique decentralized trading platform. Based on Uniswap technology, UniDApp developers took the best of the existing technological solution and added innovative and advanced functions for their users. The main approach is to simplify the process of interacting with users and besides adding functionality that was previously available only for users of centralized exchanges, but remaining DeFi

The platform provides users with such services:

- aggregation of orders
- schedule of liquidity
- planning of sales and purchases
- analytics
- automatic notifications on a schedule.

Trading Safety and reliability are some of top priorities. Each and every UniDApp user will have full control of their assets due to the single access to their private key. Only users will have full-fledged control over their assets and transactions. This is made possible by a built-in lightweight interface that will connect to the Uniswap API.

Simplified interface, full control, and smart contracts are not the only UniDApp advantages. There is some hallmark that let us consider ourselves the best in the industry:

- In order to increase as well as decrease the price, we have set the possibility of setting an unlimited number of pending orders. This is a very useful tool for a trader when he follows his trading strategy.
- Orders can be launched automatically.
- Price changes as well as reaching the specified price of the given tokens notifications. Our traders say that this helps a lot, cause they can change the strategy fast.
- Higher productivity by optimizing all processes
- Tracking the necessary coin in real-time as well as see the history price changes since it has been listed on Uniswap

How UniDApp benefits from Uniswap.

As we noted earlier, Uniswap is a revolutionary platform that has brought many new opportunities for cryptocurrency market users. On its basis, a considerable number of platforms have already been created with similar functions and continuing the trend towards simplifying and improving the functioning of models. However, everything new needs constant testing, bugs detection, and updating. So in the work of Uniswap now certain disadvantages can be observed, such as:

- Sometimes the swaps turned out to be too expensive. Due to the exchange technology (via smart contracts) a lot more gas is required. The transaction on the traditional exchange requires about 1-2 dollars, meanwhile, an average transaction via Uniswap can cost you around 4-6 dollars.
- Uniswap trading requires a serious strategy and background. Trading small amounts can very often turn into a minus or, at best, zero, since again, a significant part of the profit goes to commissions. No matter how strange it sounds, big amounts trading is not that profitable as well, cause the commission can be really high.
- Manual trading is considered to be also one of the disadvantages of the platform. Users need to think about the strategy carefully, track the price and liquidity of the pool.

These details stop lots of users from a full-fledged transfer of their trading activities from ordinary centralized exchanges to Uniswap.

Well, fortunately, we can reduce those cons today already due to the Uniswap Ethereum UniDApp protocol. The protocol provides users with such new instruments:

- order aggregation;
- liquidity schedule
- sales and purchase planning;
- analytics;
- automatic scheduled notifications.

For these particular tasks, UniDApp will provide a simplified interface connected to Uniswap API.

Despite the cons, prevalence, and recognition of Uniswap grows with each passing day, and with it, projects developed on the basis of their technology grow as well. The simplification of the process of connecting websites and mobile applications to the protocol and interacting with it using the JavaScript SDK is another key to the growing popularity of Uniswap. The open project policy is confirmed by the transparency and availability of the SDK code on GitHub.

UniDApp project is going to benefit from the Uniswap growing popularity because users will definitely need such opportunities as receiving information on liquidity, token value, and exchange rates in the chain, as well as initiating real-time flows to the dashboard, where automation is performed after which trading can take place.

Token economics

Analyzing different options for the issuance of the UNIDAPP token, we also assessed the legal aspects of conducting a private sale, choosing a blockchain, a regulatory country, and prospects for further development.

Switzerland is one of the most crypto-friendly countries and has clear criteria for regulating the process of issuing tokens, conducting private sales, and the further implementation of crypto assets in the financial sector.

In the fourth quarter of 2017, the Swiss regulator FINMA issued Guidelines for inquiries regarding the regulatory framework for Security Token offerings (STO) on the issue of tokens, dividing them into three main categories:

- **Payment Tokens.** These are tokens that are intended to be used in the current moment or in the future as a means of payment for the purchase of goods or services or as a means of transferring money or value. This type of token is not equivalent to securities and does not fall under the regulation of trading securities, however, payment tokens are subject to The Anti-Money Laundering Act (AML).
- **Investment tokens.** When purchasing this type of tokens, investors acquire debt obligations or claims on the issuer's shares. Investment tokens suggest that the investor receives a share in the company's future earnings or future capital flows. Thus, from the point of view of their economic function, these tokens are similar to stocks, bonds, or derivatives. Tokens that allow you to trade physical assets on the blockchain also fall into this category. The sale of investment tokens may involve their simultaneous transfer to users' wallets or a promise to transfer them in the future (preliminary investment), as well as the possibility of future purchase of other company tokens on them. These tokens are subject to securities regulation in accordance with the Stock Exchange Law.
- **Utility tokens.** Utility tokens are user-specific and provide customers with access to company services and products. The main functionality of this type of tokens consists solely of transferring the ability to use the services of the issuing company without transferring ownership of these goods and services. In the case of the issuance of Utility tokens, the company does not fall under the regulation of FINMA as an issuer of securities, as well as under the Law on Combating Money Laundering (AML). Since the company does not issue means of payment and, in fact, is not a financial intermediary, AML does not apply to its activities. Also, when purchasing Utility tokens by customers, there is no need to go through the Know Your Client procedure, which greatly simplifies

access to the asset and increases the attractiveness of the purchase for donors. This type of token is the most common and easiest to issue since it does not pose a financial threat to the interests of investors and the state.

Guidelines confirmed the title of Switzerland as a very friendly country and made it possible for many companies to develop in the blockchain industry. It contains a clear classification of the types of tokens and an explanation of the rules for their regulation that allows token offerings to be carried out within the framework of the law and with the determination of the most suitable model for the project.

When comparing the three types of tokens, we decided that releasing the UNIDAPP token, as the Utility token of the ERC-20 standard is the best option. This model is most consistent with the goals and objectives of the company. Utility tokens are also easy to regulate and implement into the Company's existing ecosystem. A big advantage is that it does not represent security, and there is no possibility to use Utility Tokens to money laundering. This makes it possible to face small to no obstacles on the regulation of these tokens during the token sale and further full-scale development of the Company.

Token details:

Name - UNIDAPP

Ticker - UDP

Total supply - 30 million

35% goes to UDP-Uniswap liquidity pool (10.5 million)

30% UDP-OTC Pre Sale (9 million)

20% goes for marketing, development, and exchanges

15% is for the team

RoadMap

UniDApp project is going strictly along with the milestones set up. We are making changes in it not only by adding new steps and goals but the actual improvement along with the natural development

Here is our shortlist for 5 months:

July - Development of prototype, frontend, idea formation, and market research.

August - September - UDP private sale and token distribution.

September - Technical and business documentation. Whitepaper presentation.

October - Launching and testing the beta version.

November - Launching the full version of the project and fully introducing the product to the market.

Terms of Sale

Up to date, the private sale is in progress. The price is 1,000,000 UDP with a price 0.00022 ETH — 1 ETH = 4545 UDP (Only 220 ETH).

The sale will take place through a whitelist, the maximum investment is 5 ETH

If you are not a member of the Whitelist, you still can enter the sale on general terms with the price of token 0.00025 ETH — 1 ETH = 4000 UDP

Disclaimer

This White Paper is for informational purposes only and information available through it does not constitute an offer to sell or the solicitation of an offer to buy any tokens in any jurisdiction to any person to whom it is unlawful to make the offer or solicitation in such jurisdiction. Users of the information in this document are requested to inform themselves about and to observe any such restrictions. Information presented does not purport to be all-inclusive and (not being a prospectus) does not contain all of the information that would normally appear in a prospectus.

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Certain information of the Token Offering may constitute forward-looking statements related to expectations of the business environment, the acceptance of the company's technology, projections of future performance, valuations, perceived opportunities in the market and statements regarding the company's mission and vision. The company's actual results may differ materially from those expressed or implied in such forward-looking statements. The company does not undertake, and specifically disclaims any obligation, to update any forward-looking statements to reflect occurrences or unanticipated events or circumstances after the date of such statements.