



WHITEPAPER

Introduction

Modern technologies are mostly aimed at making your life more convenient and easier.

However, they should be implemented and used intelligently and properly. It is important to be clearly aware of technological influence on our life, health, safety, happiness, freedom, knowledge, opportunities, and other significant values so they could help us and not harm.

A modern person, a person of the future, should not only be able to use technological innovations without understanding their essence but also have technological awareness, i.e. understand the technology goals and objectives, see its advantages and disadvantages and predict individual consequences of its use. We will be able to use technology properly, with benefit and not harm only this way.

Blockchain provides legitimacy and makes it possible to own your avatar, clothing, virtual store, or a piece of land for such interactions replacing physical and legal laws in the real world.

Our key concept is to own, not just use as on other conventional multiuser platforms.

The development of technology, including various computer systems and robotization, is very closely related to the dynamics of further inequality where people will find new sources of income and their vocation.

Firstly, technological development increases inequality by reducing the demand for certain professions.

The adaptation of the educational system has not started yet, and the standard middle-class specialist is getting irrelevant.

Secondly, access to digital technologies (good Internet or a modern computer) is becoming an important factor in determining your future.

Nowadays, we can see it more than clearly: Fast Internet, a good home computer and basic computer skills determine how well people coped with the crisis all over the world. It was reflected both in the employees remote work and in the younger generation education.

However, short-term consequences of the digital inequality is not that essential as the LONG-TERM effects, related to the quality of the education received.

Nowadays, schools were forced to switch to distance learning, and children from wealthier families could study at a good computer, have more functionality with a convenient place to study (which helps the brain to study), and, access to tutors for an appropriate fee if necessary.

At the same time, children from families with low incomes, especially in rural areas, have practically lost the opportunity to study or this opportunity has become as difficult as possible.

That inequality in education will definitely have long-term economic consequences (the lack of knowledge will affect the level of salaries years later), not to mention class inequality.

Research also confirm that digitalization and automation lead to a significant reduction in the number of routine, repetitive jobs. It applies to both physical labor (the mover is replaced by an AI-controlled mover) and mental activity (engineering calculations or routine filling of accounting documents can be done by programs). Moreover, this process already affects professions that required highly qualified employees, such as lawyers.

Nowadays, some of their functionality can already be automated by blockchain technologies.

The development of society using blockchain technologies that are easy to use and clear to everyone is the main mission of the UWIM blockchain.

What is UWIM and UWM

UWIM is an international decentralized platform, which let any person or company create their personalized token in just a few minutes using a convenient constructor and personalize it.

You do not need to involve a team of blockchain specialists, millions of budgets and long years of development to create your own token. It is only necessary to select the type of token, set its parameters (name, initial emission, fill in the token card description, select the purpose of creation and, if desired, go through the data confirmation procedure so that other network participants can see that you are the one who you claim to be.

UWM - The main unit of the platform

The number of UWMs is limited to 1 billion tokens. Their issue will end in November 2021 before listing on exchanges.

UWIM Mission

We create the future. UWIM mission: make blockchain technologies and their commercialization simple, convenient and clear for everyone.

The main goal of the UWIM Team is to create an ecosystem that let blockchain technologies and cryptocurrencies move to a new stage of development and become an obvious, easy-to-use tool available to everyone.

Nowadays, the creation of cryptocurrencies is the most complex technological operation available to a very limited number of users (with technical knowledge in the programming field).

Before the UWIM creation, there were practically no prepared solutions that absolutely anyone could use to improve the quality of their life (even a child with minimal computer skills).

With UWIM, creating your own token and getting rewards for its operations has become as simple as make a profile on social networks.

What problems UWIM solves

If you want to create a token and a smart contract, you need to have deep technical knowledge and in most cases, involve third-party developers. On various platforms that offer this function, the procedure for a token creation is different. Some platforms require knowledge and programming skills (various programming languages are used, which complicates the process of finding a specialist), on other platforms, the creation process is simple, but the possibilities are very limited (which leads to the creation inexpediency, as there is no further use).

Most of the existing platforms are focused on complete decentralization, and enthusiasts or third-party developers do the final product development. It leads to a large loss of operational time, difficulties for the consumer and large commissions for any operations. Different tools for token holders are present on different platforms, making them impossible to use. Major global companies only offer blockchain technology but do not deal with integration tools and features for most users. A number of platforms operate on the already aging PoW consensus, which leads to high fees due to the workloads in a smart contract number.

On most platforms, the creation of tokens is completely anonymous, which leads to a large number of fraudulent actions on the part of token creators, and this negatively affects the market as a whole. For example, a huge number of companies and individuals conducted ICOs and then closed the project and distribute tokens in the crowdfunding market. Taking into consideration that an overwhelming majority of them did so - it is difficult for an ordinary market participant to distinguish fraudulent and fair companies or individuals.

Why create your own token in UWIM?

When you create a token for your business, you will be able to attract investments for its development, announce your business to a big audience, give bonuses to your customers in the form of loyalty points and create affiliate programs.

A personalized token can be a tool for investment and accumulating funds, which you can manage as its author. You can quickly and safely get funds for an old dream. If you have your own token, you reduce your dependence on market manipulation and the global economy.

You can create tokens for your startup development: for the implementation of commercial and non-commercial projects, scientific research, charity, etc. People will be able to invest in your idea without any commissions and restrictions anywhere in the world.

Possibilities

1. Convenient user interface, constructor for tokens and smart contracts creation.

With the web terminal, a user can have a convenient graphical interface, store and use tokens presented in the blockchain and more:

- Standard templates for tokens and smart contracts creation. Any network user can attach their own token to their address in their personal account. A token is created according to certain conditions (name, total issue, forging, event feed, special smart contracts, delegation, etc.).

- Similarly, users can create smart contracts. The entire creation process goes through a constructor, which is made to simplify the user interaction with blockchain technology as much as possible.

- Custom tokens and smart contracts creation and their integration into the business.

- If a user (person or company) wants to implement non-standard solutions (token / smart contract / api / application), they can use the services of a company. This process starts with an application in their personal account and verification.

If one creates a token, they can use additional tools (DEX exchange listing, crowdfunding, liquidity pools variations). After monitoring and security systems approval, the created token / smart contract is uploaded to the general network and becomes decentralized and accessible to everyone. In the development process, a user will be able to supplement it with new nodes. Old parts are unchanged and directly dependent on the initial conditions.

2. A unique cards system for tokens on the platform

Site and application run with blockchain smart contracts.

Each created user token in the blockchain has a card with the data, which is also a subject to decentralization (each subsequent update is recorded in the blockchain and remains unchanged throughout its existence). The token can be attached to the identity of the owner or company through accreditation.

A person or company consistently goes through the stages of personal data confirmation (the amount and fidelity of data brings each specific token closer to full personalization).

Additionally, a user can attach a specific product or resource to the token after accreditation.

A user can add their product roadmap, content, etc. Each passed stage makes the token more transparent, clear, personalized and attractive for other network members (users and investors).

3. Accreditation.

Accreditation is a centralized platform function that allows potential investors to understand what information about a token has been verified.

A token holder can receive confirmation of the data by providing a personal data proof of himself or his company. The data is manually checked for a fee.

The verification result hash is written to the blockchain and the platform marks the data with its signature (verifies), which no one can forge. The user sees the transparency of the data about the token holder, and that all information is provided and reliable.

The user does not see specific data, but sees the verification checkbox.

4. Unique DEFI (Decentralized finance) exchange.

The exchange between tokens is carried out instantly and automatically without the participation of people through a smart exchange contract DEFI (decentralized exchange).

A "liquidity pool" is created with each couple of main and custom tokens, which determines the exchange ratio.

Moreover, two pools of liquidity from each couple are applied when exchanging a custom token for another token.

A commission is charged when exchanging tokens. This amount is distributed among liquidity providers, but not equally, depending on the size of each participant deposit in the transaction.

Assets can be either deposited or withdrawn at any time from each exchange contract.

Moreover, each token has an additional contract, which allows you to issue additional tokens to the liquidity pool in proportion to all its participants.

To start the token emission, it is necessary to provide the contract with these parameters in advance: time, stages (halving), emission rate and tokens for the liquidity pool.

Example: You have created a token and want to issue it along with the development of your project. You can send a part of the tokens to a smart contract in advance where it will be impossible to withdraw them, and within a certain time they will be automatically distributed among all holders, depending on their deposit.

5. Program for supporting new tokens on DEFI.

A special bonus program from UWIM created to support new members of the platform. Bonus conditions are the same for every new member.

At the start of the project, 300 million coins were allocated as rewards for a separate smart contract creation where you cannot withdraw coins.

UWM coins are additionally issued to the liquidity pool of each token, which allows taking advantage of the tokens created in the first few years of the platform's existence.

6. The perfect token standards model.

We have created a convenient division of tokens into ownership types and standards that are suitable for almost any field of activity. In addition, users have the ability to attach additional smart contracts to each token, expanding the functionality of their project. Tokens with application in the entrepreneurial segment and for private purposes: loyalty programs, donations, startups, solving problems for existing businesses, trade and other variations of application.

[Read more token standards](#)

7. Bonus Program - Musk Fund

The project team has always been committed to the idea of supporting startups aimed at the development of humanity and the world.

There were allocated 100 million coins for this fund in advance.

The UWIM team plans to nominate at least 10 well-known experts from around the world who will evaluate the brightest initiatives of the platform participants.

Any team can create a token, show their project and fill in all the relevant details.

Each project that has submitted an application will receive an assessment of independent experts. Based on the results of the assessment and experts voting, the project will be assigned a special status, and a nominated person will receive a reward in the form of UWM (the main unit of the platform) depending on the assigned status.

We believe that this support is simply necessary for new projects, which in the long term are able to benefit the entire world.

UWIM tokens types and standards

Personal - a token attached to your personality. If your idea of application (startup project, business, blog, etc.) is personally yours without the partners or other third parties presence with a stake. For example, an individual, a blogger, an entrepreneur, an artist, a solo singer, etc.

Team – organization form for token creation in case your business, project, group, etc. consists of two or more people. You need this token if you are going to attract investment

as a team, implement a business idea or already have a business. Perhaps you are a musical group, a development team, etc.

Nft - an additional type that can be attached to personal or team token making each unit of the token unique. Such a token is suitable for limited collections or when each unit can be applied in some way (deferred obligations execution).

Distinctive features: Team token has several members in the card or can be attached to an organization. Extended platform accreditation is required for this form of ownership. All basic actions with a token may require confirmation from several participants at once. When sold on DEFI, team tokens can use a smart contract for smart funds distribution.

Token Standards:

My - the basic token intended for personal use to accumulate and popularize your personality or team. In order to get the platform rewards and the token rate growth compared to the base coin, it should be placed on the DEFI exchange.

More about My Standard

Drop - a loyalty program token, it is your gratitude for actions of your friends, subscribers or business customers. This standard token does not have a specific value and can only be transferred.

Thx - thank you token, thanks from your audience to you or your team. The token is mostly used for donation. Users can only buy this token.

StartUp - your idea token, which allows you to get support for your undertaking. You need to present your idea on the site and think over all project's development stages in a sufficient and clear way. Users can only buy this token on various terms. The token pretends for further listing.

Business - existing business or project token that allows you to get support for your business development. It is enough to tell about your business and write out all the conditions for business development to get support. Users can only buy this token on various terms. The token pretends for further listing.

Trade – a trade token that has already passed the stages of development and has a public DEFI exchange offering. Users can create pools of liquidity and instantly buy and sell the token, which has a dynamic rate.

Payable - a token, which allows you to get additional rewards from its holder in addition to its possession. This token has already passed the stages of development and has a public DEFI exchange offering. Users can create pools of liquidity and instantly buy and sell the token, which has a dynamic rate.

Technology

A network distributed cryptographic platform for easy creation, use and accounting of decentralized applications (smart contracts) and tokens for trading platforms, payment, exchange and bonus systems.

We put the idea of data and system functions centralization and decentralization perfect balance as the core of our technology. The system development, addition and updating take place through the company, and the validation, control, decision-making (consent or disagreement) with the updates take place in a decentralized way and is determined only by participants.

Decentralized part

Sustainability and openness of the platform are achieved by blockchain technology (distributed data registry) with the Proof Of Stake consensus modified version (decision-making model between participants). This blockchain technology is an independent software product that is not a fork of Bitcoin.

All data is distributed between servers (The source code of the nodes is in the public domain with a free license). Any network participant can deploy one of the node types (validator - with the entire history of network operations, the ability to validate blocks and send new transactions, a full node - with the entire history of network operations and the ability to send new transactions, a light node - with the ability to send transactions).

The network can include an unlimited number of tokens, smart contracts and participants (addresses) and can be easily controlled by validators.

Technological features:

Storage and encryption

To optimize the volume and fast access to the necessary data, leveldb with an open license is used (a technology for storing large amount of non-relational data of the key> value format).

Hierarchically generated BIP39 keys provide access to the network participants. In the bech32 format, keys for each participant are divided into three types: main address, smart contract address and node address with various prefixes.

Participants sign messages with their key and send messages to the node to exchange data. The data is combined into blocks and sent to consensus. Hashing is done using sha256 encoding.

Several levels of data serialization have been created in the kernel for complete data verification and errors exception from the moment it arrives at the node and until it is written to the block.

Consensus

The ProofOfStake modified version of consensus makes decisions depending on the number of coins a validator has and on the total number of validators. Each node constantly accepts transactions from network participants. The data goes to the initial pool for processing, which eliminates data overflow and consensus delay. Then the node validates the transaction based on its own blockchain and makes a decision: to approve or immediately reject the transaction. The accepted transactions are immediately sent to other network validators, which are automatically loaded from the main or other nodes.

The nodes that have received the validator status take part in the consensus at the same time with the data acceptance: validators become a proposer in a predetermined order (proposer is a validator that offers data for consideration).

Contracts

In addition to ordinary addresses, the system may contain smart contracts that have their own logic and RAM. Both logic and memory of contracts are also used in a decentralized manner (stored in an identical state on all nodes).

Smart contracts are divided into main groups: support system development contracts and user contracts.

Contracts are added exclusively through a centralized node and are supported and executed only in a decentralized way. The contract can accept a transaction, and then, based on its own logic, perform a number of calculations and multiple transactions. Each contract is represented by a separate application on the nodes. All results of the contracts operations are sent to consensus for confirmation by other participants after execution to exclude modification of the code or memory data.

There is a commission with any transaction calculated in the main token, which depends on the current load on the network. It is possible to increase and decrease the commission to slow down and speed up transactions. All commissions are taken by the validator that offered the block with this transaction.

Centralized part

The centralized part of the project is a convenient user interface for the blockchain utilization. The centralized part source code is the property of the company and is not shared.

Users can receive comprehensive information and use free products through the web terminal.

Access to the web terminal is via a personal key.

Roadmap

October 2019

Blockchain development and UWIM v 0.0.1 test launch

February 2020

UWIM Wallet and UWIM Explorer development

UWIM Wallet (Universal web wallet for UWM coins storage and usage) and UWIM Explorer (UWIM blockchain explorer that allows you to check any event in the net) development and testing

April 20, 2020

Stacking Bot Development

UWIM Stacking development and testing - Affiliate program for the AirDrop stage and early access

June 15, 2020

The official project website first launch

June 30, 2020

The main network launch

The main project network and the uwim.io website launch, start of initial early access, the UWIM Stacking system launch

October 30, 2020

UWIM DAPPS development

Network platform development for UWIM DAPPS creating (decentralized applications)

March 1, 2021

UWIM DAPPS in the test network launch, beta testing

March 5, 2021

Main network update. Global network update to a new stable version UWIM v1.0.0

April 1, 2021

The platform opens the basic user tokens creation possibility

May 2021

The first system smart contracts for exchanging tokens and delegation are added to the platform

May 2021

Mobile application - UWIM Wallet Mobile launch - a mobile application for the wallet easy access

June 2021

The first version of the UWIM custom token platform with a record of changes in blockchain launch, project DEFI exchange launch.

July 2021

Launch of constructors for tokens and smart contracts creation on the site

August 2021

Updating the user interface Wallet, Mobile, Exchange

NFT Token standard development.

September 2021

Expanded version of statistics launch for the trading convenience on DEFI

November 2021

The end of the UWM coin distribution stage - Genesis will complete the main stage of the reward for the blocks formation.

The first stages of listing on external exchanges.

December 2021

Burning the initial pool of coins for a rapid increase in the rate

The volume of coins distributed initially will be destroyed during the live broadcast, this will lead to a decrease in the total number of coins and, as a result, to an increase in the rate on the exchanges.

December 2021 - February 2022

UWM listings on external exchanges

UWIM TOKENSALE

The UWIM platform tokensale was officially launched in September 2020 and will continue until November 2021. The final stage of the tokensale finishes at 1 billion tokens issued threshold.

Tokensale is divided into three main stages:

1. Airdrop + fixed rate
2. Private investment sales
3. Public sale ICO + IDO + Airdrop

1. Airdrop + Fixed Rate:

Product development was in progress from Fall 2019 to July 2020. The UWIM project first announced itself privately In August 2020. At that time, the primary platform UWIM Blockchain v 0.1 was implemented and an airdrop was made for the first platform participants from 1 to 7 uwm per user.

The UWIM rate from August 2020 to June 2021 was equal to the arithmetic average of 10 world fiat currencies, whose average rate was \$ 0.7. At this stage of the UWIM token sale, more than 100,000 tokens were provided to the target audience, who actively participated in the project's bounty company.

2. Closed investment sales:

The second stage of the UWIM token sale was launched in June 2021. The exchange rate was separated from 10 world fiat currencies and a new quotation took place at \$ 1 for 1 company token. The main part of the platform for project users has been launched as the creation of your own personal token and mobile application.

At this stage of tokensale, a private sale of tokens to large investors takes place at a new price of \$ 1 with the opportunity to deploy their nodes and acquire a stake in the company. In total, a 10% stake in the company is put up for sale at a price of \$ 100,000 for 1% of assets. Small investors can buy from 10 uwm at the old price of \$ 0.7 per token until May 31, 2021. The preparation for the third stage of tokensale is taking place where public sale of UWIM tokens will be available.

3. Public sale of ICO + IDO + Airdrop:

The third stage of the UWIM token sale will take place From August 1st,2021. A public sale of tokens will take place at the global level during this stage. UWIM tokens will be available for purchase by users of all countries of the world for four month. Tokens will be sold at a fixed cost of \$ 1 = 1 uwm at the stage of the public ICO. IDO implies individual bonus conditions that will be determined in June 2021 during the preparation for the third stage of the token sale.

Each user can create their own personal token with a smart contract at this stage, get accreditation and develop their own project based on the UWIM project. Each new user automatically becomes a member of the airdrop and receives 1 uwm on the account. In total, 50 million tokens have been allocated for the bounty campaign. 100 million tokens will be available for free sale.

Its own uniswap exchange UWIM will be launched during the third stage of the token sale, where any user can place their personal tokens and receive mining from the platform.

Tokens distribution at the listing time

1. Liquidity pools smart contract on DEFI 300mln
2. Mask Fund 100m
3. Project team tokens 20mln
4. Investors 10mln
5. Bounty company + affiliate program 50mln
6. Genesis / Burning (Further issue) 340mln
7. Sold or available for sale 100mln
8. Bonuses for validators 30mln
9. Coins on uwim nodes 50mln

Coins burning will take place in several stages. The first burning of 140 million tokens + burning of tokens that will remain after the public sale will take place in November 2021, immediately after the end of the UWIM emission. The remaining 200 million tokens will be burned during 2022 in equal shares.

Integrate blockchain technology

Integrate blockchain technology into your business, project, or link it to your personality and activities right now.

You can expand your audience, systematize business processes, simplify and protect them, get additional profit, increase capital turnover, and increase the number of loyal users.

Create your own crypto project or just your own coin.

Visit our website <https://uwim.io>

Create your first coin <https://wallet.uwim.io>

Or check the technical specifications <https://uwim.io/technology>

Thank you for your time. Best regards and thoughts on further cooperation, UWIM blockchain team.

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