

DIUM

Leading a Unique Dapp Investment Platform

Whitepaper Version 1.0

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Introduction

Vision

Dium aims to propagate the Dapp investment culture by working alongside various business organizations such as the Dappstore.com. The blockchain-based project intends to support other blockchain network and it's ecosystem through the generated funds gathered from its products and services. These include the Dium Dapp Platform.

Focusing on the company's philanthropic culture, Dium builds a unique and innovative Dapp investment system approach by establishing Dium Dapp Platform.

To provide a profitable, expandable, informative, and guaranteed platform, Dium Dapp will utilize the value of its native currency, Dium, by partnering with mother blockchain based platforms and optimizing the bridge fees between the blockchain and other transactions within the ecosystem.

Background

According to DappRadar 2023 annual report, NFT sales fall below \$1 billion for the first time, as trading volume is currently \$333 million from 2.3 million sales. Despite the fact that its total sales volume has decreased, wallets linked to NFT activities surged by 27%. Acknowledging that NFT holds most of the Dapp market volume now, it is entitled to see the market as being stabilized by sorting out real platforms.

Accordingly, Dapp market is turning in to a “responsible” industry as more people are opting to use and register for both real-life usage and making investments. Although the total market volume may fluctuate, every year the number of registrations increases and the usage of the Dapps are becoming more closer to the real life.

Such Dapp market investments has become rather participating through the years. As Web3 gaming market is growing much faster than any other categories of Dapps, Asia has become potential investment market for gaming market, housing 55% of global gamers, totaling 1.7 billion and contributes over \$72 billion in annual gaming revenue.

Back to DappRadar’s 2023 annual report, DeFi’s total value locked(TVL) rose by 37.44% from the previous quarter reaching \$83.3 billion, and NFT trading volume spikes to \$2 billion for the first time since last May, up 117% from the previous month, with 6.3 million sales account. This brings back the big names to start participating in the Dapp industry as well as small-medium sized companies are already growing fast. Blur dominates the NFT market with \$1.3 billion trading volume and 64.8 market share, while Opensea trails behind with \$587 million and 28.7 share. Opensea remains the most used marketplace with 317,000 unique traders in February 2023, 227% more than Blur.

Blockchain-based business projects are also incorporating its way into more traditional investments. Blockchain investment to date has been in the online funding sector. Aside from online staking, funding, and trading, there are also numerous Dapp investment companies as known as VCs.

With people being dependent on their main wallets, people have chosen their preferred Dapp provider and NFT exchanges. This naturally effects Dapp providers and VCs from choosing their next investment projects, with sometimes, potential projects being left out.

In conclusion, it is significant that there is huge growth of Dapp Market industry which the society is actively participating to, but most of the investment system within the Dapp Market lacks accuracy of finding potential business projects. While the market is growing in its volume and the number of active participants, the number of succeeding projects does not increase as much. The market is built to only invest more to the already grown projects and companies, and it is almost impossible to receive investments without already being invested elsewhere. This is the reason why despite significant investment by many users and VCs, the number of participants and unique users may grow but the remaining projects decrease every year, even though Dapp Market is supposed to have more projects alive within their ecosystem for their own well.

Executive Summary

This document presents the basis, technology, use cases, and roadmap of DIUM Dapp Platform and its underlying blockchain network. It explains how DIUM intends to utilize blockchain technology integrated into the investment infrastructure. DIUM will introduce a tokenized solution that will be beneficial to the key figures of the platform which are Companies, Users, and Investors.

DIUM Token will be a utility ERC-20 token in parallel to the usage within the DIUM Dapp platform. The target audience and use cases for DIUM Token involves Corporations, Dapp providers, VCs, Users, Companies, and Investors. All prospect participants will benefit from the services within the Platform.

In the latter part of this document, we provided the timeline of the DIUM Dapp Platform development. This provides an overview of what DIUM aims to do as it progresses through time such as the launch of the total care application, exchange listings, and blockchain development.

Project Overview

Technology

Blockchain technology arose along with the popularity of the cryptocurrency Bitcoin. Since then, it has been known as an emerging technology closely related to the financial sector. Due to the disruption blockchain brings about, the financial sector has shown skepticism towards the technology. However, despite early rejections from established financial institutions, blockchain technology succeeds to prosper as the Dapp industry booms.

At present, blockchain technology slowly takes its rightful place within the Dapp sector. It is greatly considered to be one of the most promising technologies to develop for Dapp businesses around the world. Many established their own NFT markets and companies have started to explore the technology and others have already integrated blockchain within their ecosystem.

With the growing acceptance of blockchain technology, DIUM has initiated in building a blockchain-based Dapp investment system to provide the society a highly-accessible and highly-secure invest avenue within the Dapp industry. More than Dapp investment solution, DIUM aims to build a Dapp ecosystem that commits to world charity.

Platform Overview

DIUM has structured a highly-modern investment gateway system based on Ethereum blockchain platform. DIUM developers chose to fork from the Ethereum network because it is well-reputed to provide high-performance in digital payment transactions. Also, due to its scalability, flexibility, and speed, Ethereum is deemed to be the most efficient underlying blockchain network for projects focused on providing digital payment solutions.

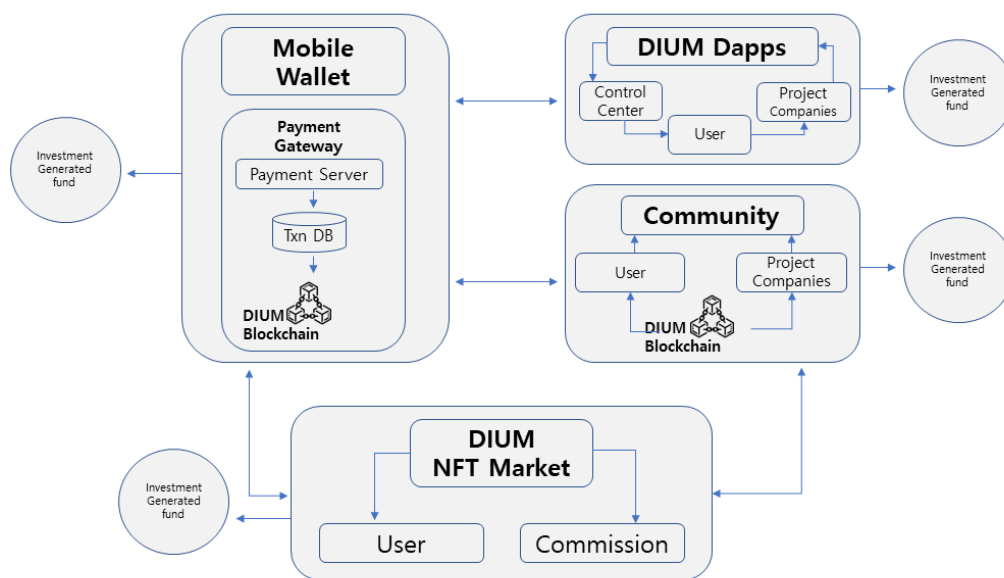
Furthermore, DIUM network aims to build a wide ecosystem with a number of decentralized projects to further expand the use case of its native token and encourage more users. DIUM will be introducing Ethereum based decentralized applications to foster its planned ecosystem.

DIUM's platform introduces society opportunities instilled within the Dapp Platform system of investment. By using the DIUM applications, users will be able to participate in the actual investment towards high-potential business projects and at the same time get rewarded with DIUM tokens. In every participating transaction (includes all DIUM Token used within the total application service of DIUM Dapp Platform.), DIUM will allocate a percentage of the profit for the non-profit community organizations.

The Ecosystem

The DIUM Foundation offers various digital services ranging from Dapp solutions, NFT Market, Web3 gaming protocol, and online community platforms. All the decentralized projects within the DIUM ecosystem will all utilize DIUM token as its native digital currency.

Initially, DIUM will introduce a digital wallet called DIUM Wallet and a DIUM Dapp application also called DIUM. This application will be scattered in different countries and providers online to ensure DIUM extends its Dapp services and business approach worldwide.



DIUM Ecosystem

The DIUM Ecosystem is architected to interoperate with one another. On the diagram above, there are 4 main decentralized projects involved: the DIUM Wallet, DIUM Dapps, Community, and DIUM NFT Market. Each decentralized project contributes to investment Generated Fund — the main cause of the DIUM Foundation.

Decentralized Projects

Aside from DIUM Payment Wallet and DIUM Dapps application, DIUM Foundation will introduce other decentralized applications to grow a wide ecosystem.

- **DIUM Wallet**

DIUM Wallet is the sole and main wallet of the DIUM ecosystem. It would be engineered to work with both IOS and Android system to support any devices to use. It will store DIUM cryptographic tokens and main cryptocurrency coins such as BTC, ETH and USDT.

Moreover, the DIUM Wallet application offers a wide array of services, such as cryptocurrency transfer, investment, and store DIUM tokens. It will also serve as the wallet for the succeeding decentralized projects such as the DIUM Dapps, DIUM Community, and DIUM NFT Market. For every payment to receive or send among these projects, DIUM Wallet will function as the main device.

- **DIUM Dapps application**

DIUM Dapps application is the main platform that accepts DIUM tokens as being used for every service offered. The platform will facilitate online trading catering to both companies and customers to ensure the platform will provide a variety of services and products.

Aside from services, DIUM offers the pet charity and community programs for user's benefits. In every transaction done on the DIUM application, a portion of the profit will be invested to new projects — this is assured by the DIUM Foundation. Furthermore, for every participation in the community in sharing information about Dapp projects, users will be rewarded with DIUM token as a commission. There is also a participation winner program, wherein, a random and DIUM application user will win DIUM tokens and shopping vouchers that can be used on NFT Market provided on the application.

- **DIUM NFT Market**

DIUM NFT Market is an online exchange platform. It is a blockchain-based DEX where users can buy / sell NFT based content. On this platform, users can verify their items purchased in real life.

Besides NFT item market, the platform has a greater purpose. It aims to broadcast high-potential projects to reach out to potential sponsors for a better cause.

- **DIUM Investment (Dapps)**

The main purpose of DIUM Foundation is to raise potential Dapp business companies to bring profits on both investor and the companies. Although every Dapp market and its users are supporting Dapps financially, the actual act of investment belongs to those who can make profits from on and offline. Market may choose its investing target naturally based on its popularity which may also be the reason for people to participate and invest on, however, there are much less risky businesses which Dapp market is unwilling to show interest due to lacking popularity. Compare to 100% online based Dapp businesses, on/offline based Dapp business has more potential of profit in terms of “Actual business profit”.

DIUM Investment aims to support more and wide range of Dapp business. Most of offline based Dapp companies and projects are lacking in support of funds. With DIUM token to function as main investment fund, all Dapp business and projects are then to be transparent and their activities, outcomes will also be notices by all participants and users on the platform. We strongly believe that this will also bring more growth effect on Dapp market worldwide with positive goals.

DIUM Token

The DIUM token is an ERC-20 based on the Ethereum blockchain. However, it will migrate to its own main net in time. The main net will free the DIUM token from the restrictions set by the Ethereum blockchain. It will also provide DIUM token the freedom to create its own rules and limitations inside the platform.

Specifically, the ERC-20 token has the following method-related functions, with those in brackets clarifying what each function does:

1. `totalSupply()` public view returns (uint256 totalSupply) [Get the total token supply]
2. `balanceOf(address _owner)` public view returns (uint256 balance) [Get the account balance of another account with address `_owner`]
3. `transfer(address _to, uint256 _value)` public returns (bool success) [Send `_value` amount of tokens to address `_to`]
4. `transferFrom(address _from, address _to, uint256 _value)` public returns (bool success)[Send `_value` amount of tokens from address `_from` to address `_to`]
5. `approve(address _spender, uint256 _value)` public returns (bool success) [Allow `_spender` to withdraw from your account, multiple times, up to the `_value` amount. If this function is called again it overwrites the current allowance with `_value`]
6. `allowance(address _owner, address _spender)` public view returns (uint256 remaining) [Returns the amount which `_spender` is still allowed to withdraw from `_owner`]

Use Cases

The DIUM token is the native token of the platform that will serve as the medium of exchange for all the transactions that will take place within the platform. It will also be used to reward users, token holders and investors within the DIUM platform.

DIUM Payment System

One of the great services that the DIUM platform offers is the ability to provide banking for the unbanked people, and as part of our partnership with various telecoms firms, SMEs, and charitable organizations, we facilitate seamless online payment transactions for all our users.

DIUM Mobile Wallet

DIUM Mobile Wallet is an ERC-20 compatible wallet application that can be downloaded on any mobile device that stores the user's fiat debit and credit accounts, as well as DIUM funds. The wallet also provides a great level of security to ensure the safety of your funds.

Conclusion

The importance of platform providers contribution between the investor and the company cannot be stressed enough due to the responsibility that the provider has by their own choices. The act of connecting two sides is integrated deeply with high risks. There is an evident need for providers to sort out and be responsible for user's loss while the user also takes some responsibility of their actions. The DIUM platform works in ways that will allow users, corporations, organizations, companies and investors alike to be a part of a project that boosts profits from other industries to the Dapp Market Industry.

With blockchain technology at the forefront, the DIUM platform aims to establish an all-around token infrastructure revolving in proliferating the Dapp investment culture. This can potentially improve the way people invest through coin/token online.

Road Map

2023

Q2 - Establishing the Company

Begin to establish DIUM in the market

Publishing the DIUM Whitepaper Version 1.0

Launching the DIUM website

Start developing the wallet

Start developing the beta version of the application

Q3 - Start Listing DIUM (DIUM Token) on Exchanges

Prepare the DIUM Token for listing

List the token and start trading on exchanges (Both CEX and DEX)

Q4 - Release the Beta Version of application

Finalize the development of the beta version

Launch the beta version of the DIUM application

2024

Q1 - Finalize Alpha Version of application

Finalize the development of the wallet

Finalize the alpha version of the application

Launch alpha version application

List DIUM Token in more exchanges

Achieve the goal of listing on 25+ exchanges

Q2 - DIUM Blockchain Development

Start developing DIUM's own blockchain

Disclaimer

Please read this Disclaimer carefully as it includes the most essential information about DIUM. Please be aware of the market risks and consult your legal, financial, tax, or any other suitable professional advisor before making any decision.

Before your participation in the purchase of DIUM (DIUM Tokens), we strongly encourage a careful reading of this whitepaper.

The information provided by DIUM (“We,” “Us,” or “Our”) on the DIUM Whitepaper version 1.0 is for general informational purposes only. All information on this whitepaper is presented in good faith; nevertheless, we make no representation or warranty of any kind, expressed or implied, regarding the accuracy, adequacy, validity, reliability, availability, or completeness of any information on this document. Under no circumstances shall we have no liability to you for any loss or damage of any kind occurred as an outcome of the use of the website or reliance on any information provided on the whitepaper. Your comprehension and your reliance on any information on the whitepaper is solely at your own risk.

Particular assertions, estimations, and financial information stated in this whitepaper are forward-thinking observations that are based on and have taken into deliberation certain known and unknown contingencies and risks. It may, at some point, generate the estimated results or may differ factually and considerably from the featured approximations or results formulated in such forward-thinking estimations herewith.

DIUM reserves the right to make additions, deletions, or modifications to the contents of this document at any time without prior notice.

a. General Information

1. DIUM is a platform that uses blockchain technology to deliver its services in line with its vision and purpose. The reader must understand that blockchain technology is an open-source protocol and is not an exclusive property of any single person or organization.

2. DIUM aims at providing a new system to connect blockchain with propagating the investment culture by working alongside various Dapp providers and investing companies, and there is a possibility that some of its features may be identical to others.

3. This whitepaper is used to introduce DIUM to the community and to emphasize all of its specific features. It only serves the purpose of providing comprehensive information to the reader regarding DIUM and nothing else.

4. Please observe utmost caution when trading cryptocurrencies. If mistakes are made during the transaction, particularly if the address of the receiver's wallet is mistakenly specified, the funds will be lost without any possibility of their recovery.

Privacy Policy

DIUM ("Us", "We", or "Our") operates the website and DIUM Database and Blockchain ("Service").

This whitepaper informs you of our policies regarding the collection, use, and disclosure of personal data when you use our Service and the choices you have associated with that data.

We will protect your data privacy, and we will not share your details with any third party organization unless forced to do so, and if we deem it necessary.

Should you not consent to our policy, we highly recommend that you refrain from availing of our services. Otherwise, using our services and providing your personal information means that you comply and agree with our privacy policy in its entirety.

For the sake of those who are staying in countries that are under the European Economic Area (EEA), we created our policy agreeing with the provisions in the General Data Protection Regulation (GDPR).

1. Data collection

We collect some vital information by visiting our website such as the internet protocol (IP) address used by your computer or mobile device to connect to the internet, operating system, browser type and version, duration of the DIUM Whitepaper Version 1.0 visit to the site, date and time of the visit, time zone setting, links you click on, and information you key into our forms.

We will ask for your approval for the cookies on our website upon visiting. We also use your provided information such as your full name, email address, age, mobile number for the customer, and technical support.

2. Utilization of data

The information we collect will importantly provide us timely and appropriate support that will prevent fraud and illegal activities from happening through our website.

3. Information sharing

We will never use your information to make a profit in any way by sharing it with third party organizations and companies affiliated with DIUM.

We may disclose some of your personal data with government officials, law enforcement officers, legal courts, and others if compelled by a court order or other similar legal procedures.

4. Data protection

For your protection, do not disclose any personal information on platforms and online applications which is not managed and owned by DIUM to prevent heinous and illegal activities on your account.

5. General Data Protection Regulation

Should you be a resident of a country situated within the European Economic Area (EEA), we respect your right for the following, as stipulated in the General Data Protection Regulation—the right to be informed, the right to access, the right to rectification, the right to be forgotten, the right to restrict processing, the right to data portability, the right to object, and rights in relation to automated decision making and profiling.

6. Service Providers

We may hire third-party companies and individuals to perform service-related services or assist us in analyzing how our Service is used. These third parties may have access to your data only to perform these tasks on our behalf and are obligated not to disclose or use it for any other purpose.

7. Advertising

We may use third-party Service Providers to show advertisements to you to help support and maintain our Service.

8. Links to Other Sites

Our Service may contain links to other sites that are not operated by us. We strongly advise you to review the site you visit. We have no control over and assume no responsibility for the content, privacy policies, or practices of any third party sites or services.

9. Children's Privacy

Our Service does not address persons who are under the age of 18. Should you know someone who uses our services under the age of 18, please report to us so that we may perform appropriate actions.

10. Changes to This Privacy Policy

We may renew our policy from time to time, so we advise you to visit this page regularly. We also recommend checking this privacy policy more often for any changes. Changes to this policy are effective when they are already posted.

11. Contact Us

If you have any questions about this Privacy Policy, please contact us.