

Web for donation transparency3.0blockchain

BIT DONATIONS

white book



Ver. 1.0 | Korean

Copyright © 2024 bitdonations, All Rights Reserved.

01 Vision and business outline

The current issue of donations is not only that the number of donors is decreasing..You can make donations at any time through various platforms and organizations..donation3As a major task① Stereotypical donation method ② Transparency of donations ③ Appropriate compensation to donorsThere is.

If the transparency issue of donations is resolved, the supply and demand of donations will be stable.,If compensation for the sense of accomplishment and benefits that donors can obtain is done professionally,,It is believed that donations will become more active.

02 web3.0 donation platform (Blockchain adoption trackable donation system)

Donation details and donationsDatabases can be managed using blockchain technology..contributor,donation organization,Users' right to know is guaranteed through a 'donation tracking blockchain' that stores donation information, such as a list of donation sources, in blocks.,It can be used as an appropriate safeguard for donations..

web3.0donation platformis a service for decentralized and transparent donation transactions based on blockchain.."Bitdonations Project," which builds a system for donor compensation, is a Bitdonations platform for transparent donations.(Bit Donations Platform)and Bitdonations token(Bit Donations Token)This is a project based on.

Bitdonationsis a system to compensate donors for donations while protecting their assets.,society in relation to existing donation networks;reduce economic costs,middleman,contributor,Connects beneficiaries.also,It is a payment system that can provide high donations to beneficiaries while providing donor protection and compensation..

03 business proposal

We are an exchange token for a secure and transparent pre-consent donation system.Bit Donation Tokenproposal do.Donors can get accurate information and transparent value.,See where your donations are being used and improve relevance and performance,And you can expect token dividends.Consumers receive realistic help,Reports are improved,Dissatisfaction will decrease.Intermediaries reduce interest costs,Can reduce dissatisfaction.

Existing donation markets have long been unable to find direct donors and have relied on donations through intermediaries..New donation platformBitdonations'Technology accurately identifies potential customers through data analysis and instant evaluation.,Determine the value of that customer and immediately provide the right donation.This brings the distance between donors and consumers closer together..

It is unclear where the donations will be used.,It has been difficult for donors to know exactly how their donations will be used, so donations have been left to their own devices..If this vicious cycle continues,Donations range from tens of won.Hundreds of millions of wonused opaquely

can and,Donors will have increasing distrust in the donation market..Report on low-quality donations from intermediaries and select targets(Targeting)It can also be a problem.

BitDonations Projectthe web3.0 Based on blockchain technology, we will solve current issues in the donation market and donor inconveniences..Changes in donation methods, a key challenge of donation,Enhancing transparency and efficiency of donations,Appropriate compensation for donors will provide a solution for a new donation market..

04 Problems and solutions in the donation market

① Inefficiency

The donation market is concentrated in a few large donation organizations.,It is difficult to determine how donations are used.

② Lack of transparency

Various donation organizations and donation platforms provide information at the time of funding, but it is difficult for donors to know the actual usage details..

③ Where to donate limited selection

Donation without choice,There were few options for donors to donate to where they wanted to go..

Donors face a number of costs associated with intermediary donor organizations..It is now possible to systematically manage data arising from donation transactions.,Donation ledger data that was previously unmanaged and discarded can be confirmed on the BitDonations platform through blockchain technology..Through this, various Establishing a donation communication ecosysteml can now.

05 Functions and Features

Anyone can participate and share donation data.,By processing it, it becomes more valuable.Provides an open system for creating and trading data do.Through this system, all stakeholders related to donations provide their own donation-related information and,You can receive appropriate compensation depending on the value of your data..We develop and deploy hardware and software type data collectors to standardize data..

The donation data platform provides operational and management functions;,Bitdonations(bitdonations)Platform operation policy,data policy,security policy, and IT Includes system.The main components includebitdonations CA, bitdonations Coin Management System, bitdonations Metric Management System, bitdonations Node Management Systemetc.

There is.

Block approval participants, Infrastructure Manager, ecosystem developer, To donors and recommenders of charity organizations Bitdonations (bitdonations) Encourage donors by providing token incentive rewards, Prevent unnecessary friction with intermediaries that hinder donations.

Organizations wishing to donate and The individual There are many, but The reality is that organizations that actually make donations try to achieve the maximum effect with the minimum amount within established standards.. to solve this problem, Collaborating with reputable donation organizations, The goal is to build a social system where truly transparent donations can be made by transparently disclosing the entire donation process.. material Donation only In addition, we plan to develop it into a platform where donations can be made through talent donation or small efforts made in daily life..

1) Establishing a transparent donation system

① Strengthening transparency

Bitdonations (bitdonations) Home repair using blockchain technology (labor donation), cleaning, Save information such as volunteer activities, etc., Based on this, donors NFT We issue certificates of donation and service based on. This allows for transparent information that can be submitted from anywhere..

② Cooperation and compensation system

We operate the platform through cooperation with credible organizations., Donor: Bitdonations (bitdonations) Each time data is entered into the system, a Bit Donation Token is issued. (bitdonationstokne) Get paid, Through this, you can make other donations or donate to Bitdonations. (bitdonations) You can purchase the items you need at the mall.

2) Connecting with the Community

① Cooperation with local small business owners

Small business owners in the region MOU conclude, Bitdonations (bitdonations) Bit Donation Token everywhere connected to (bitdonationstokne) Allows you to use. This will also contribute to revitalizing the local economy..

② Compensation for donation organizations and individuals

Bitdonations (bitdonations) Through the system, donation organizations and individuals can use Bit Donation Token in addition to donations. (bitdonationstokne) You will receive as compensation, Donation campaigns can be further encouraged.

The diversity of donation organizations and the lack of direct value-creating communication between donors and consumers make it possible to simplify the donation ecosystem..It is leading to an oligopoly phenomenon..Large donation organizations and indiscriminate donation platforms control the entire donation budget.,Donors make donations through a complex intermediary network.,We are having difficulty providing direct value to actual consumers..This resulted in “donation”Pollution” andThe same negative external effects occur,Reduces the efficiency and transparency of donations.

3) Problems with the Donation Ecosystem

① Bulk point phenomenon

Currently, the donation market is dominated by a few large donation organizations and platforms.,Direct value creation between donors and consumers is difficult.

② Complexity of the middle man

Rather than donating directly to consumers, the rich donate through a complex network of intermediaries.,This undermines the transparency of donations.

③ Negative external effects

The current donation ecosystem is uncertain about donations.,excessive cost, “It carries with it a variety of negative externalities, including “donation contamination.”.

4) Solutions-Bit Donations System

① Establishment of a transparent platform

Bitdonations(bitdonations)Focuses on donors' right to know through an open source platform,Ensure transparent use of donations.

② Bit Donations Token (BDT)introduction

BDTis a token for decentralized exchange.,contributor,consumer,Connecting intermediaries to create an efficient donation market.Based on Ethereum technology, these tokens are derived from user transactions and,Stored on blockchain.

③ Strengthening direct donations and communication

Bitdonations(bitdonations)The platform allows donors and consumers to directly share truthful information about donations.,Allows you to make donations.Through this, we build trust between donors and consumers.,Increase the efficiency and transparency of donations.

Currently, there are countless donation organizations..We are unable to keep up with the times and remain stuck in existing donation forms..ourBitdonations(bitdonations)The system solves chronic problems,We provide an environment where donors and consumers can directly create value and communicate transparently..Through this, donors can make meaningful donations based on reliable information.,Consumers can effectively receive the support they need.

06 BDTtoken technologyTransparent Ledgersystem

BDTtoken is a technology that plays an important role in the new Ethereum-based market..

Donor payment isBDTIt is done through the system. BDTThe transaction in the first distribution ofTransparent LedgerIt goes through the system. Transparent LedgerThe system allows BitDonations users to make anonymous donations using coins as a medium of exchange.,ANONIZEWe use algorithms to protect your privacy.

Bitdonations(bitdonations)For the first realization ofbitdonationsstAll payments must be made to the consumer.. Back endatbitdonationsstMuch of the infrastructure needed to deploy is now coded and,Used to distribute donations based on user interest.like this,This infrastructure relies on user and donor feedback.bitdonationsstIt will be used to distribute.This would be desirable for public accountability and potential scalability.

BitdonationsstDonor of Tokens,Intermediaries advertisers and consumers use to track donationsbitdonationsstGet rewards for using the system.State channels allow multiple small transactions with a guarantee of accurate donations when using the correct matching algorithm..Blockchain strongly protects personal information, but,This type of transaction is a new initiative that solves a unique problem.bitdonationsstCan be used for large-scale multi-party transmission of.

Payment method is instead of proof of work,It is essentially the same as a coin mining operation that operates on proof of interest.. BOLT,zero knowledgeSNARKorSTARKAlgorithms are stacked to protect the privacy of participants(A storage device that stores data that you want to temporarily preserve, stacked on top of each other.)can be part of.

bitdonationsstThe environment is tempered by the fact that the privacy of Bitdonations customers is of utmost importance..fully decentralizedbitdonationsstTransactions in the system are one-to-many(one to many)and many-to-one(many to one)Because it will be,New deals can be proposed in this way:.

TransparentAs we move towards a fully decentralized payment system,,Other developers also use free and open source infrastructurebitdonationsstIt is expected that we will develop our own use cases for.Our companybitdonationsstI believe that tools related to this will eventually become an important web standard for the development of donation platforms..Donors through this technology,middleman,Advertisers and consumers will enjoy a secure and well-designed future..

07 General System Architecture and models

① Basic blockchain structure

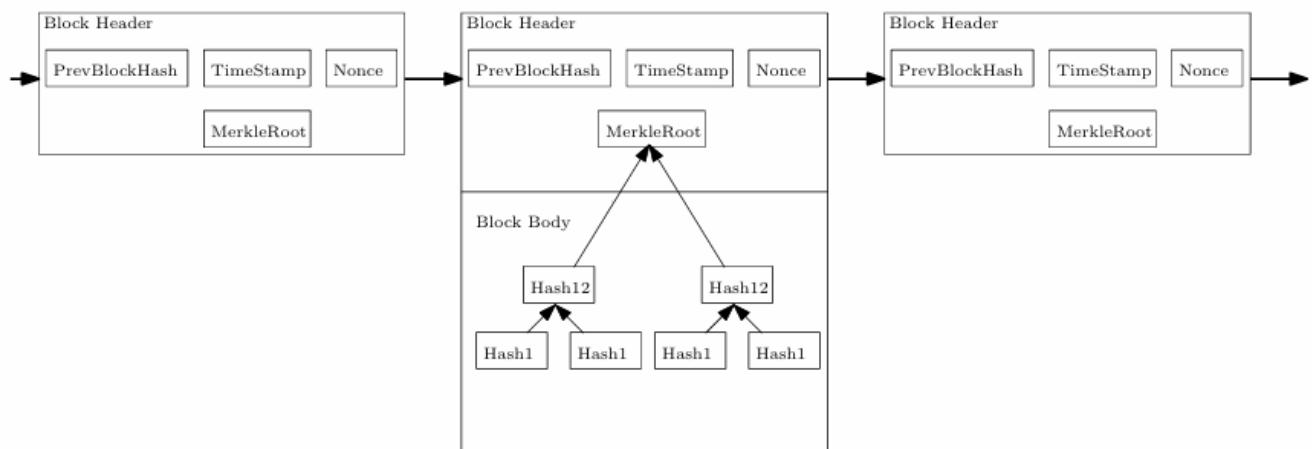
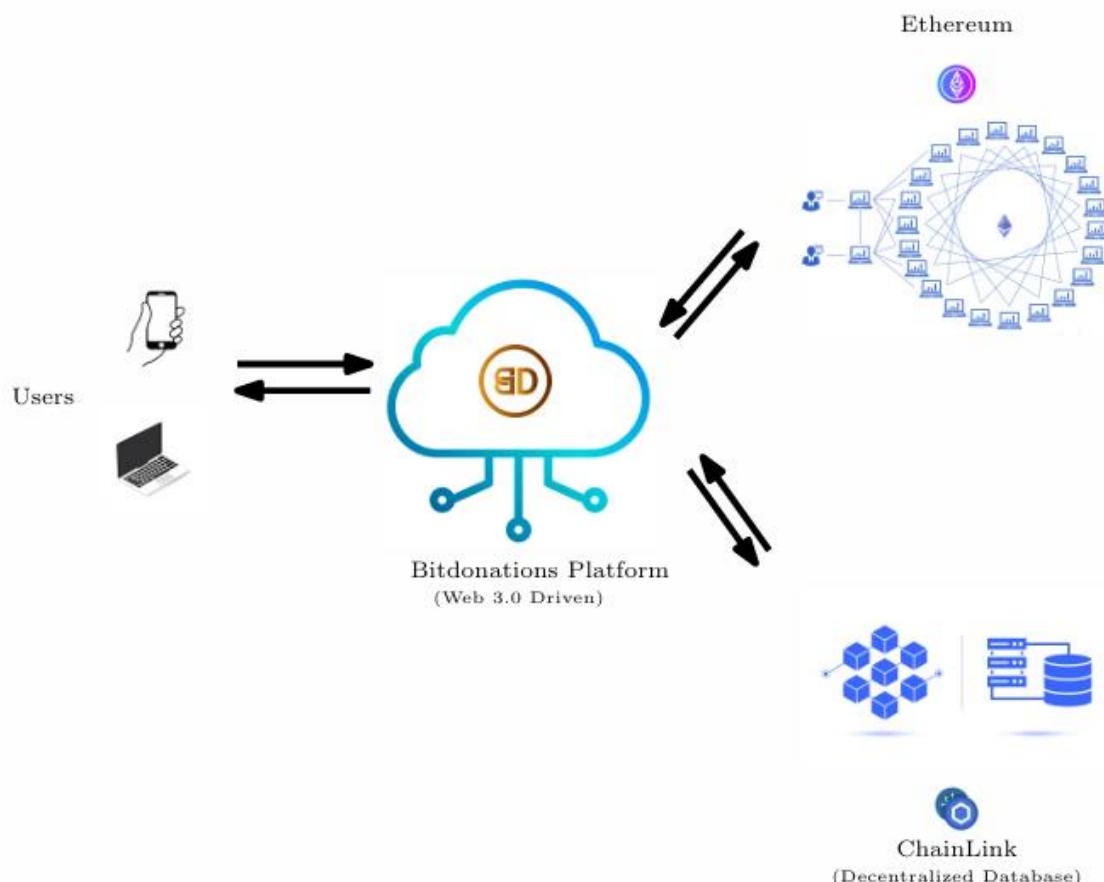


Figure 1: Blockchain Structure.

② General Bitdonations Architecture

※ FERWANA, E.A., 2021. A blockchain-based tracking system for university donation (Doctoral dissertation)



③ Bit Donations Platform (High Level View)

※ Hu, B. and Li, H., 1757. Research on Charity System Based on Blockchain. IOP Conference Series. Materials Science and Engineering, 10.

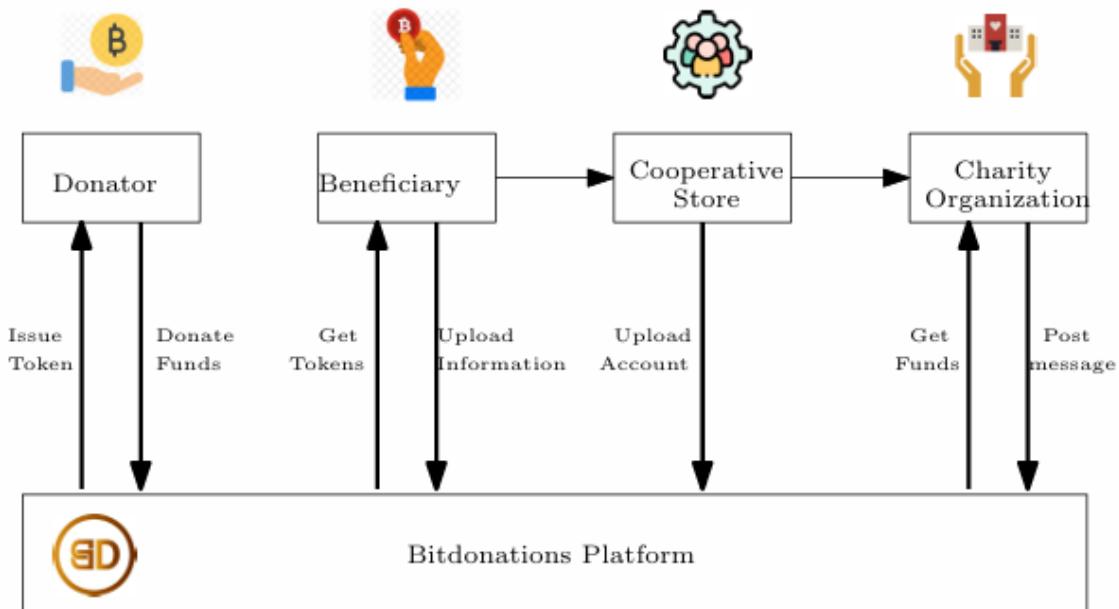


Figure 2: High Level View of Platform.

- **Donator**

- a. Learn of charity projects and donate to Beneficiary or Charity Organizations

- **Beneficiary**

- a. Upload information for help
- b. Get and spend tokens in Cooperative stores

- **Cooperative Store**

Provides good/services to Beneficiaries

Exchange tokens for real money with Charity Organizations

- **Charity Organizations**

Get information on requests for help

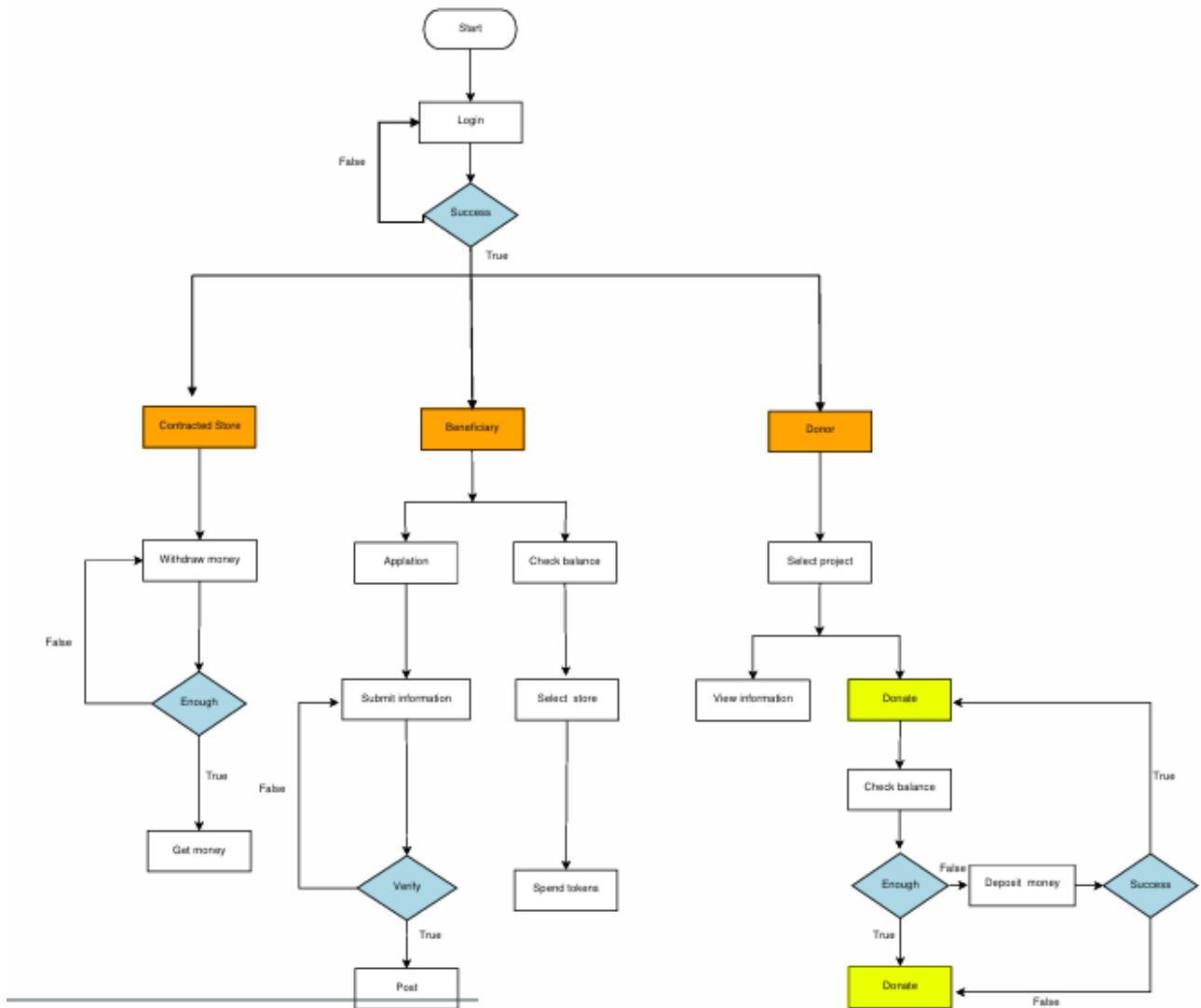
Create charity projects accordingly

④ Bitdonations platform (basic flowchart)

※ Hu, B. and Li, H., 1757. Research on Charity System Based on Blockchain. IOP Conference Series.

Materials

Science and Engineering, 10.



⑤

Bitdonationsplatform(SequenceDiagram)

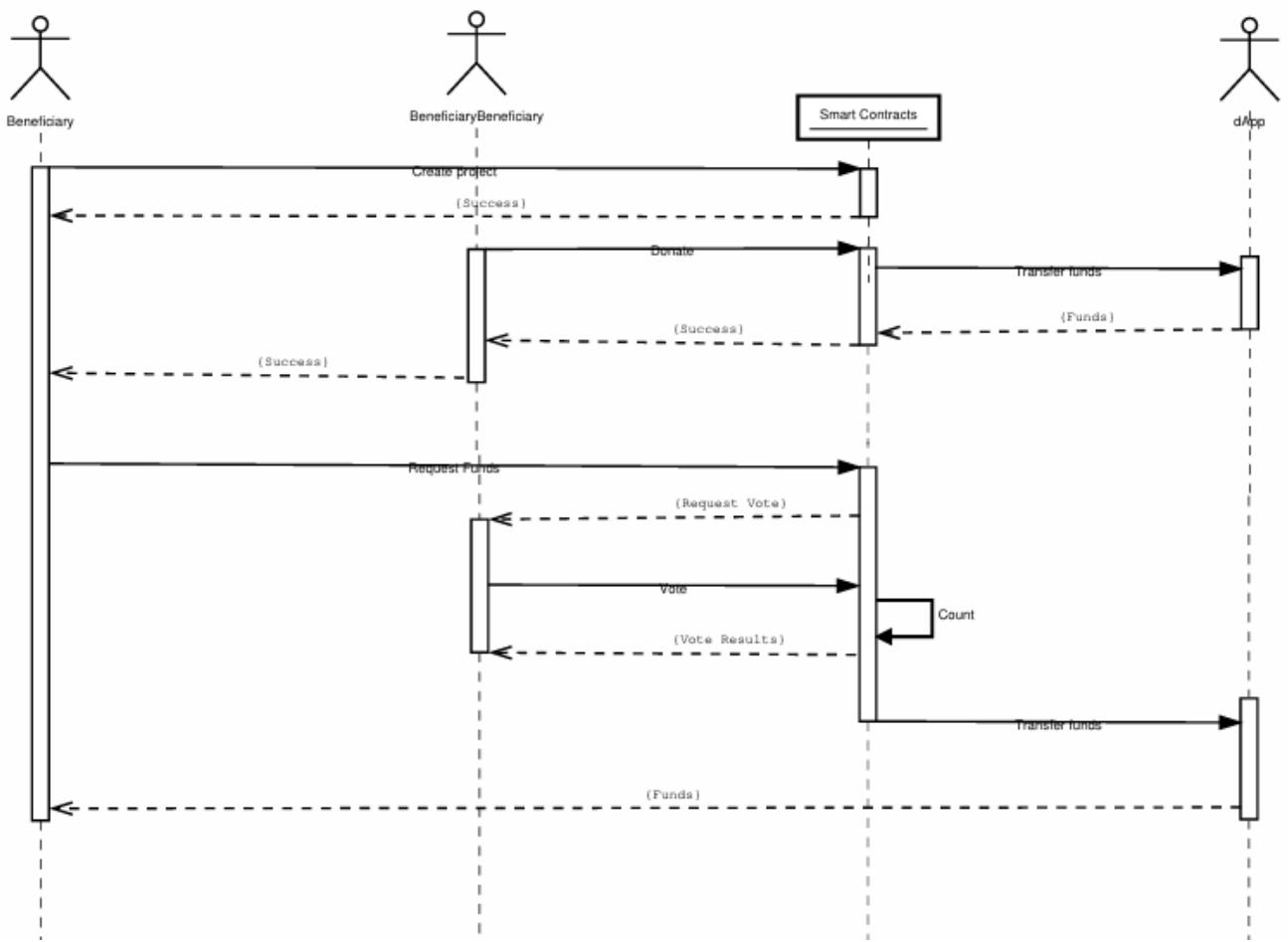


Figure 3:
SequenceDiagram

08 bitdonationsst Purpose of Token Use

bitdonationsst token plays an important role in the donation economy., Empowers users to become active members of the donation economy.

This token is an individualstakingCan be donated to donors and advertisers, Provides a variety of uses. bitdonationsst The obvious use for the token is throughout the very specifically targeted donation market.. Many Donors Have Ordinary Requests. These requirements can be fulfilled with tokens earned through ordinary browsing activities..

Some contributors may use tokens to access premium information normally only available to subscribers. This could be a new revenue stream for premium content providers. also, You can use tokens to provide premium information to your family and friends., this is familyto the majorityYou can also send it through payment. bitdonationsst Transactions are made to usersaffiliatedProvided for use in the workplace.

09 TransparentRole of donors and contributors within the ecosystem

TransparentInformation provided by donors and contributors within the ecosystem creates a new economy. You can, for example, good ownerThe title information that the store is a participating company has a positive influence. virally can stimulate economic activity by creating. Introduction to certified restaurants and businessesbitdonationIt can be provided by paying, This can be valuable information for those interested in economic spending in different situations and moods..

prepaymentStores that participate in providing meals to the vulnerable through donations or companies that support places in needBitdonations(bitdonations) We create a good impression on community members by selecting them as a designated partnership company., It will be an opportunity for many people to participate in donations..

"Donating because I like it, Even if no one else knows" "It's okay." but, If someone knows and participates, it will be a positive influence., I think that would also be a good donation.. Bit Donation Affiliate companies that have formed partnerships will benefit from the value..

10 business prospects

① Promoting transparency in donation culture

Currently, many countries are making efforts to make donations transparent., No great results have been achieved yet. BitDonations improves transparency of donation usage details, We want to create an environment where donors can donate with joy..

② Direct connection between donors and donation organizations

By providing a medium to directly connect all donation organizations across the country with consumers wishing to donate.,We will revolutionize the donation culture.

③ Provision of various donation methods

Bitdonations forms partnerships with all donation organizations and provides volunteer services as well as material donations.,We plan to create a platform where various types of donations, such as talent donation, can be easily accessed..

④ Utilization of blockchain technology

BitDonations utilizes blockchain technology to make the flow of donations transparent.,We will build trust between donors and donor organizations.Through this, we plan to ensure that donations are delivered exactly where they are needed..

11 bitdonationsstAdvantages and Innovations

BitDonations is a blockchain-based donation platform that focuses on increasing transparency in donation culture.no see. In the current donation ecosystem, where donations are used and fees,There is a lack of information about whether donations have actually been delivered to where they are needed..To solve these problems, BitDonations utilizes distributed ledger technology to transparently manage and disclose all donation information..

existing system3Reduce costs incurred by omitting the transaction process,Increase the efficiency of your donation process.This results in more donations going directly to donors..The BitDonations platform provides necessary guarantees and verification services to both donors and beneficiaries..This increases trust in the donation process and,Improve the quality of donation culture.

12 BDT (Bit Donation Token)outline

BDT (Bit Donation Token)is a digital token developed to solve the problem of opacity in where donations are used.no see.

This token is built on the Ethereum blockchain.ERC-20following the standards,It will be used as a unit of exchange in a new decentralized open source digital distribution platform..Advertisers base their activities on donors.BDTprovides,Consumers also participate through donation activities.BDTYou will receive.This system motivates both donors and demanders.Consumers return to donorsBDTYou can donate or use it yourself on the Bitdonations platform..

The BitDonations platform enables highly relevant donations while keeping consumer data private..Donors will experience an increase in the compensation rate.,This also helps reduce fraud.Advertisers can expect better reporting and performance.

13 BitdonationsPlatform Features

BitdonationsThe platform is getting ready.Bit Donations fast and, accurate and, It is an open source platform tailored for transparent information protection..It also includes a ledger system that anonymously measures the total amount of donations from consumers to provide accurate compensation to donors.. BDTIsBitdonationsIt will be used on the platform, Other developers are also free to utilize it on various platforms..

14 token

① Token issuance

Our goal for token issuance is Bitdonations Completion of platform development After finishing within the platform Without difficulty To fulfill the functions of blockchain It is making The goal is to become a medium for donations within the platform so that donors can freely access their donation details..

② Token issuance basic information

- token contract
- address:<https://etherscan.io/token/0xc630c6bFF4d198F30d9Ab86F89FB83F0bc3fb948>
- Start date and time: 2024 year 03 month 30 Day
- Foundation token holding address:
<https://etherscan.io/address/0x2d521979d6b08bfc28a3c19d1939f2b478bf220e>

③ Token distribution

- Bitdonationsteam: maximum 13.3%
- User Growth Pool: 33100 million BDT
- sale possible token: 33100 million BDT (Total number of tokens available for action)

15 User Growth Pool

① Purpose

userBDTEncourage participation in the ecosystem

② Initial adopter compensation

per user2,500BDT

③ Terms of use

received as a rewardBDTIsBDTCan only be used within the ecosystem

④ Not usedBDTprocess

unusedBDTIs6After months it is returned to the user growth fund and made available to new users

⑤ Existing user benefits

BitdonationsThe userSNSYou can receive tokens through participation or email verification, No new tokens will be created when the user growth fund is exhausted.

16 Budget Allocation

① BitDonations Team

budgetary58%, These funds include the costs of BitDonations platform app development and technical adjustments.BDTAssist in bringing solutions to market

② Business management

budgetary10%, law, security, Includes accounting and other related administrative costs

③ Marketing

budgetary12%, Marketing activities are carried out by Bitdonations andBDTDemand for the solution, Focus on expanding the interest and adoption of donors and advertisers

④ Subcontracting

budgetary 13%, engineering, marketing, promotion, partnership, Fees for companies providing affiliate programs, etc.

⑤ Emergency fund

budgetary 7%, Emergency fund for unexpected expenses

BDT FAQs

Q) BDTWhat is?

Bit Donations TokenAs an abbreviation for,Based on Ethereum technologyBDTis the unit of exchange for the transaction and payment system on the new blockchain-based donation platform BitDonations..At BitDonations, users' transactions are monitored anonymously.,Donors and consumersBDTYou will be rewarded with.

Q) BDTWhat does represents?

BDTis the unit of exchange for the transaction and payment system used on BitDonations, a new blockchain-based donation platform.. BDTis not refundable,not a security,Not for speculative purposes.There is also no promise of future performance.,There is no suggestion or promise that it has or will have any particular value.. BDTdoes not grant any rights in the Company or indicate any participation in the Company.. BDTis exchanged for a functional product..All transactions received by the company may be disbursed without conditions. BDTis only available to experts in crypto tokens and blockchain-based software systems..

Q) Token Roadmap

There are no token follow-up plans.When needed with swapreplace or mainnet When developingcan replace.

Q) tokenWhen stakingExchangeable Coin Medium

Ethereum(ETH)onlyIn stakingis allowed.stakingIn order to participateEthereuml need a wallet. BDTIsOn EthereumIt is a derived token.you EthereumOr, if you have other cryptocurrencies, exchange themstaking Couldthere is.

Q) Token sales or eventsWhen is it?

Our company Date will be announced after security audit.alsoRopsten/We will provide information for a week to communicate about the contract on the testnet..

Q) BDTwhat is the price of?

BDTIsETHIt is scheduled to be set at a fixed rate at.

Value in proportion to the exchange rate situationIt will be ranked.

Q) Bit DonationsToken investmentstaked EthereumHow will you use it?

Attracting investmentstaked Ethereum is BDITIt is used to build a blockchain-based digital donation system that uses as a unit of exchange..

Q) Bit Donation Ethereumhow do i store it?

Bit DonationUsing a standard multi-signature walletEthereuml keep it.

Q) BDTAre tokens transferable??

Tokens are immediately transferable.At BitdonationsTokens used can only be used to donate or pay donors for premium products or other services.It can also be used by donors for promotional activities.

17 BDT

One) stability analyze

BDTToken is a global network currency based on blockchain technology.,It mirrors the advantages of a market economy and offers several advantages:.

2) Key Features

① International publication and distribution

We have a cross-nationality issuance and distribution system that allows transactions with anyone in the world..

② Personal information protection

We do not ask for personal information during the transaction process.,With the advent of virtual currency, there is no need to worry about personal information being leaked..

③ No need for intermediate financial institutions

Transactions can be made directly without going through financial institutions such as banks or credit card companies..

④ Anonymity and speed

There is no publication period and anonymity is guaranteed.,It can contribute to the expansion of the small donation market and the expansion of the sales area of small merchants..

⑤ P2P Activation of Transactions

Transparency of transactions is improved due to blockchain technology., P2P Transaction is activated.

3) BDTToken Vision and Goals

① Transparent donation economy

BitDonations provides transparent transaction information and legitimate donations.(token)We aim for a system where everyone benefits fairly through payments..

② Importance at the national level

BDTToken orientation is currently considered important at the national level.,This is a plan that is being planned..

Although it may not be an easy road, Bitdonations is confident that this path is not too difficult..

Anyone can enjoy transparent transaction information and legitimate donations at BitDonations.(token)Our goal is to build a system where all participants can benefit fairly from payments..

key team members

CEO

SEOK IL Lee Bittonation established

Back-end
devellloner

Ilyeong Go developer

chief engineer

Kwadwo Boateng Ofori-Amanfo

marketing

Doyoung Kim

'24Main activities in the first half of the year

1) Platform building and app development

We plan to build the basic structure of the BitDonations platform and develop a user-friendly app.

2) Build business partners and partnerships

Expanding the Bitdonations ecosystem through connections with various cooperative companies and partners

3) Token Listingpropel

Preparations are underway for the listing of Bitdonations tokens.,Listing exchanges may vary depending on the time period.

4) User communication channel opened Plan to open a channel to strengthen communication with users through the Bitdonations application

'24Main activities in the second half of the year

1) Token listing and mainnet development

Following preparation work in the first half of the year, tokens were listed and,Bitdonations mainnet development progress

2) Development of donation NFT we plan to develop donation NFT to make donation activies more transparent and efficient.

3)Development of self-service donation app we plan to further revitalize the donation culture by developing an application that supports self-service danotion activities.



Web for donation transparency 3.0 blockchain