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**Terminology**

**Barter** –
is used as a tokenized real a valuable asset, such as a yacht.

**Smartplace** –
system of trading orders in ecosystem the Barter.

**BRTR** –
utility token of the Barter blockchain.

**Validator** –
one of the main blockchain servers that receives a reward for creating new blocks and generates new tokens.

**Delegation** –
blocking tokens for the validator in order to receive part of the newly generated tokens.

**Delegate** –
member of the network, delegating the token to the validator for further awards in the tokens platform.

**Stake** –
proportion of tokens that are locked for validation.

**Staking** –
generating new tokens as a reward for a new block in the blockchain.

**Legal smart contract** –
a digital copy of the barter agreement, stored in the blockchain.

**Electronic signature** –
a digital signature that verifies the user is protected by cryptographic methods.
Today, the cryptocurrency industry and blockchain technologies occupy a leading place in the plans for economic development in each country. Many major corporations to optimize business processes already use Blockchain, and the use of cryptocurrencies in financial transactions allows overcoming national borders and increasing the speed of transactions to a few seconds, in comparison with traditional banking operations that have a time interval of at least a day for crediting funds in another country. In addition, the existing transactions include many intermediaries, which increase the final cost of the product for the consumer.

With the advent of Bitcoin in 2008 during the global financial crisis, in just a decade it has been able to dramatically change the attitude of people to the storage and use of financial means. Thanks to Bitcoin, now everyone people keeps their crypto-assets on their personal wallet and at their discretion can dispose of funds without intermediaries in the form of banks, payment providers, acquiring and other third parties included in traditional banking transactions.

In 2014, Ethereum was developed, which brought to the digital market the opportunity for the parties to conclude an agreement on the previously established rules in the contract code without an intermediary in the form of a guarantor, since the guarantor in this case is a smart contract, not a person or a company. When entering into an agreement on a smart contract system, the parties to the contract can be confident in the performance of the contract if all the conditions are met; otherwise, the funds that are sent to the smart contract are returned to the buyer if the seller has not fulfilled the final condition after which he receives payment.

Over the last five years, many blockchain projects have made a huge contribution to the development of the industry, creating useful new protocols and blockchain consensuses. Each Protocol created in order to optimize and improve processes in blockchain applications, and consensus is a technical way to manage the ecosystem and the interaction between the main participants who make the final decisions about the recording of new information in the data register.

Today, one of the most relevant areas in the blockchain industry is confidentiality of transaction participants, transaction execution speed, and scalability.

The Barter project has identified the most important protocols and consensus that to be used in the development of the architecture of the Barter platform.
Barter: smartplace is

a confidential digital asset exchange platform based on a legal smart contract. In addition, but as the main element of the platform ecosystem, a service of tokenization of a real valuable asset is provided, which can then be placed on the smartplace. Digital assets lowered the barrier of trust, increase the privacy of the parties to the transaction and the speed of its execution. Legal smart contract with electronic signature allows achieving high reliability and convenience of the service.

Smart contracts in the financial sector have shown their advantage in comparison with traditional methods of value transfer, but so far have not been widely used in the legal industry.

Barter is looking ahead and expanding the use of smart contracts in the legal field, using digital assets as contract objects.

By combining digital assets of different standards in one ecosystem, it is possible to exchange them with each other instantly and almost free of charge, having received this legal contract for the transaction with a record in the data register with a copy of the digital form of the contract.

Smartplace –

is a trading order platform in the Barter ecosystem. An order that includes one or more items of uniform quality, items, and sets is called a lot. The lot can also include heterogeneous assets, for example, it is possible to place a car and real estate in one lot. Each order and lot is assigned a sequence number (ID) and a price is set. The value of the lot displays the total value of the assets included in it.
The Barter project appeared as an idea in mid-2018, when the crypto-currency market became much cheaper, but at the same time, the demand in the OTC market increased. According to one of the major companies that provides OTC trading opportunities, the monthly volume of transactions exceeds more than $2 billion only for the top 3 cryptocurrencies, such as Bitcoin, Ethereum, Ripple.

Initially, the Barter was conceived as an OTC-platform in the form of legal escrow-guarantor for transaction support. However, this is too narrow a direction and this niche already has large trusted platforms, so Barter has expanded its ecosystem to include tokenized real valuable assets that can be exchanged for any supported liquid token or cryptocurrency. Barter intends to create a blockchain platform for barter transactions, the objects of which can be any tokenized assets and liquid currencies – this is the main goal of the project.

Nick Szabo's article "Shelling Out: The Origins of Money", one of the first developers of Bitcoin, pays special attention to barter transactions, as it is the oldest form of exchange of goods between interested parties, but also highlights the problems:

« Barter requires a coincidence of interests. Alice grows some pecans and wants some apples; Bob grows apples and want some pecans. They just happen to have their orchards near each other, and Alice just happens to trust Bob enough to wait between pecan harvest time and apple harvest time. Assuming all these conditions are met, barter works pretty well. [...] If Alice and Bob didn't trust each other, and couldn't find a third party to be a middleman or enforce a contract, they'd also be out of luck ». [...] « Barter requires, in other words, coincidences of supply or skills, preferences, time, and low transaction costs. Its cost increases far faster than the growth in the number of goods traded. Barter certainly works much better than no trade at all, and has been widely practiced. But it is quite limited compared to trade with money ».

In the era of high technology, these problems can be solved, and barter is designed for this. Barter is designed in such a way that transactions for large volumes occur quickly, with low operating costs and have legal force – a signed contract. Smart contract is the guarantor of the contract execution subject to all previously established conditions.
will be a broad addition to existing OTC and exchange platforms, adding a new kind of trading – barter trading, which is without financial transactions, which does not burden the financial system. In addition, Barter will become an independent platform for concluding barter agreements as a trusted legal guarantor.
Today, there are problems in the OTC market, the most important of which are the trust of one side of the transaction to another, confidentiality and many intermediaries. Trust is the key to any large transaction, and the OTC market is designed specifically for large volumes. Intermediaries often distort the actual information, which complicates the whole process. Direct sellers are afraid to reveal their data to second-party customers, so high confidentiality in the exchange of personal information is required.

The largest dealers carry out transactions, turning to the help of third parties – guarantors. Such persons are often legal companies providing escrow services (escrow account). Clients of escrow agents are the largest suppliers and buyers, as such services are used to deal with very large volumes. The Agency role is to store the transferred objects of the transaction until all the terms of the contract are fulfilled.

Of course, there are already relatively trusted services in the form of marketplaces for over-the-counter trading on major exchanges (OTC Desk) and as a service in wealthy law firms, but it is almost impossible for high volume sellers to sell the goods completely in the right time at a single price, if this product is separable. In addition, the exchange services lack full legal support of the client, including documentary support, which affects the AML-security and quality of the process. It is worth mentioning that the fees of such services are 2-5%, it is very expensive.

Traditional methods "through intermediaries" no longer work. Brokers spend a lot of time in search of a suitable client. In such a transaction procedure, the confidential data of each participant is available to each other, and can also be substituted by someone, which undermines the reliability of the data of the persons involved in the chain. The lawyers that accompany such transactions cannot be verified for competence.

Thus, this method is the most unprotected and outdated for over-the-counter trading.

Now, with the implementation of Barter: smartplace, the largest transactions of the market are confidential and protected. Advanced technologies used in the development of the Barter platform allow to trust each participant of the ecosystem, increase the confidentiality of important data and the speed of exchange execution. Legal smart contract with electronic signature allows to achieve high reliability and convenience of the service. Barter exchange fees cannot exceed 0.02% of the total transaction volume.
Modern technologies make it possible to digitize a real valuable asset and assign it in the electronic Ledger the Name and Price corresponding to the present, the identification data of the owner, additional metadata and characteristics that identify the value and ownership of the digital object with the real asset.

To date, there are already tokenized Fiat currencies and metals that can be exchanged among themselves with the token of such an asset. For example, a Fiat currency token is attached 1:1 to the value of a Fiat currency, a metal token – to the value of a certain weight, for example, the one token corresponds to the value of one gram/ounce/etc. In addition, there are collectibles that have a digital copy with a unique token that is identical to the value of a real valuable asset – the collectibles. In this case, 1 token is equal to the cost of this item, and it is inseparable.

Token ownership indicates the ownership of the asset to which the token is attached. Token is a digital right to a real asset.

All data on tokenized assets and currencies is stored in the blockchain, which is not subject to malicious change and/or deletion by third parties, because several servers that have genuine copies control the registry. To change or delete information in this Ledger, a consensus must be reached between the master servers that write new information to the data register.

By combining heterogeneous digital assets in one ecosystem, it is possible to exchange them with each other instantly and with minimal costs, having received this legal contract on the transaction with a record in the data register with a copy of the digital form of the contract – such a solution is offered by Barter: Smartplace.

It is known that today is not realized the possibility of traditional over-the-counter trading to place many several heterogeneous assets. The Barter platform realizes this potential and provides such an opportunity. Moreover, Barter allows you to exchange goods without means of payment, if they are equal in value. For example, two lots including heterogeneous assets can be exchanged between their owners if the estimated value of these lots is equal from the point of view of the parties to the contract.

The trusted agent on behalf of the buyer selects the order or lot and sends a counter-offer to the seller, to which the second must respond with a refusal or confirmation of the transaction within a specified period of time. When all the conditions of the parties coincide, the final decision on the exchange is made. This exchange is called barter. To make the final decision on the transaction, electronic signatures of the parties are used, which are put down in the electronic smart contract, called the "barter agreement". After signing the contract, the barter is executed, and the registers of information on digital assets are automatically replaced by data on the owners in accordance with the concluded barter agreement.
To begin, we indicate the shortcomings of existing over-the-counter platforms. Traditional OTC-desks operate in analog mode or via connection to centralized exchanges to have access to high liquidity. With this method of trading, the personal data of participants become public to a wide range of people, which is already unsafe. Although companies in accordance with the privacy policy collect such data, there are cases of employees using such data for personal gain. These factors undermine trust and reduce the demand for over-the-counter trading by those who wish to remain confidential.

Another important drawback of the existing OTC trading procedure is that centralized exchanges offer to first Fund their company's account in order to be able to buy the requested asset. Many buyers are afraid to do this, as there are high risks of blocking the transaction by the Bank, as well as a small degree of confidence in the exchange itself. It turns out that today there are no ways to protect the confidential data of participants in the largest transactions, and even more over-the-counter platform on the blockchain. Blockchains are known to be transparent, thereby increasing the confidence, but when we are talking about major transactions – the data require a high degree of confidentiality.

Barter: smartplace offers cryptographically encrypt sensitive data of the participants of the transaction to provide them with maximum protection, using the privacy protocols of the blockchain. This data will be encrypted and therefore cannot be accessed by others. A record in the blockchain confirms the authenticity of personal data.

To trade using smartplace, you do not need to replenish a separate account of the company, it is enough to have funds on your personal Bank account, if we talk about a transaction using Fiat funds. Via integration with banking institutions on the API, with the agreement of the buyer, the balance of the client at smartplace will be displayed in accordance with the balance in the Bank account, which is a proof of the existence of the object for the transaction. With this approach, the client will always be confident in the safety of their savings and he does not need to trust the company to replenish the account of the intermediary, and there is no time threshold in a few days for the transfer of funds and Bank transfer fee. To enter into barter transactions, you only need to have funds in your Bank account and agree to connect it to your smartplace account for subsequent transactions. When a transaction is completed the funds do not participate in the transactions, the smart contract replaces the data of one party to the personal data of another party based on signed agreements by both parties to the transaction.

For example, the parties entered into a barter agreement on the sale of real estate for Fiat money. With integration with the banking API and the register of real estate owners, it is possible to enter into barter transactions without participation in transactions, thus freeing the financial system from unnecessary transactions. When
signing a barter agreement between the parties to the transaction, their personal data are swapped, that is, the Bank account now belongs to the seller of real estate, and the property – to the buyer. All this is performed on a smart contract system with the replacement of data on the owners of assets in the relevant registers based on the concluded legal contract.

This is just one of many examples of barter trades. Barter: smartplace is capable of becoming a leading platform for barter agreements, and potentially seeks to help banks remove transaction loads, which will also be beneficial to the entire global financial system.
Blockchain used as a Foundation for the construction of the Barter ecosystem. Relatively young technology, but proven as a tool for optimizing many business processes and automation of human algorithms that can be replaced by code. Bitcoin has shown how fast "money" can be, Ethereum has optimized the release of decentralized applications with a personal token, but both BTC and ETH are public for everyone.

Sooner or later, every blockchain faces a scalability challenge. As network members grow, the queue waiting to be written to the block increases because the block size is limited. To solve this problem, a few years ago began to develop second-level solutions such as Lightning Network on Bitcoin. The distribution of decentralized applications because of the simplicity of their creation has triggered the development of an Ethereum side chain, for example, Raiden, POA and other networks that solve problems of scalability with the opening of the state canal, which performs the heavy computation outside the main circuit and not overload Ethereum.

Below we indicate which technologies are used as priorities in the development of Barter architecture:

**PLASMA PROTOCOL**
is foundation for the Barter ecosystem: smartplace, which scales potentially to billions of transactions per second, allowing you to run a large number of low-cost smart contracts.

**0X EXTENSIONS**
provide support for a new type of trading – barter trading, - a solution that offers Barter. This extension facilitates the interaction between ERC-721 and ERC-20 tokens, which will allow the exchange of non-interchangeable assets.

**ENIGMA PROTOCOL**
the decision to ensure the confidentiality of personal data of the platform participants is important for the smartplace ecosystem.
Barter focuses on the confidentiality of the parties to the transaction, as the platform is potentially designed for large value exchanges with the conclusion of a digital legal contract. When a smart contract is concluded, a digital copy of the barter agreement is recorded in the blockchain, but it may not be available publicly at the request of the parties to the contract and a secret key will be required to view it. The zk-SNARKs privacy Protocol allows you to use several types of secret transactions: when one of the parties needs to be confidential or you need to hide only the cost of transactions or when both parties and the cost of their transaction should remain secret.
Blockchain

The largest Ethereum platform is considered the basis for the construction of the blockchain the Barter. Blockchain is public. This type of blockchain with D-POS consensus has a number of advantages over conventional decentralized PoS, has high scalability, fast data processing speed, and the state of network security is supported by a limited number of publicly validated validators; we also note other advantages:

- Allows you to quickly update and improve the functionality of the system;
- Tested validators (KYC/AML), which will not be able to provoke the risk of attack 51% (otherwise the penalty is the loss of a node and a token stake);
- Reduce the cost of transactions because a small number of high-performance nodes only verifies them;
- In a private system, the parameter TPS (transactions per second) can be made an order of magnitude greater than in open networks and as a result - a high speed of transaction confirmation.

The following tokens are proposed to be used in the ecosystem:

The ERC-20 standard has a set of rules that must be followed in order to be able to interact with other tokens on the network. Used to tokenize liquid currencies used for a trade, such as a stable token.

The ERC-721 standard is a unique inseparable token, a tokenized real valuable asset.
**MEMBERS «BARTER»:**

<table>
<thead>
<tr>
<th>Validator</th>
<th>Delegate</th>
<th>User</th>
</tr>
</thead>
</table>

**Validators perform the functions:**

1. Verification of reliable information contained in the register (identification data of the parties to the transaction, the subject of the contract and other calculations);

2. Each validator has a role in the consensus mechanism to create a new block of data chain, based on the validity statements of other validators.

Any cases of uncoordinated actions in the blockchain consensus lead to the freezing of all tokens on the validator's wallet until the circumstances are clarified. Such sanctions prevent unfair actions in the network, increasing its security and stability of uninterrupted operation. The validators decide the further fate of the penalty tokens by voting.

Validators are determined from the list of the top 50 stakes having the largest volumes of tokens, but not less than 50,000 BRTR. A node cannot have a stake more than 1% of the token full emission.

**Delegates –**

agents connected to the platform with delegated tariffs. They are awarded tokens for helping the validator earn more rewards, increasing the likelihood of receiving a validator Commission. The validator can give delegates up to 50% of the tokens received from the bet. Delegation is possible for the network members owning more than 10,000 BRTR.
Delegated functions:

1. Increase network stability and demand for the platform token by holding the share;

2. Right to vote to resolve the dispute in the network, if the validators are not able to reach consensus independently;

3. Right to vote for further development of the platform.

User —

an ordinary member of the economic system of the Barter platform, the main functions of which are:

1. Token trading on the exchanges;

2. Using the BRTR token as a digital means of transferring value;

3. Participation in the development of the platform — voting.

Barter uses a management process that is used for the community that requires the decentralization of blockchain platforms and applications. Each member of the network that has a BRTR token can participate in the voting to improve the network, creating a self-improving system that coordinates and supports its own development.
Agents –
a law firm that has a connected (onboarding) buyer or seller. Only these persons have the right to create offers in the form of orders for smartplace on their own behalf on behalf of the client. The agent makes the final decision on the transaction after approval by the client - electronic signature of the client.

Buyer –
a natural or legal person, the client of the Agent, potentially has the intention to exchange a liquid asset or currency for a real valuable asset or commodity.

Seller –
a natural or legal person, the client of the Agent, potentially has the intention to exchange a real valuable asset or commodity for a liquid asset or currency.

Some of the objects of the barter agreement.

Liquid currencies for which you can buy goods can be liquid Fiat currencies: USD, EUR, GBP, JPY, RUB; as well as liquid assets, such as XAU (Gold), BTC (Bitcoin) and some securities. Liquid assets can act as a buying and selling instrument.

The real valuable asset is the goods offered on the platform for exchange (sale), for example, movable and immovable property, jewelry, luxury goods, collectibles and other valuable goods, transactions with which today are carried out mainly with the help of escrow or Bank cells as the most secure type of transaction.

As the platform develops, it is planned to expand the list of supported liquid currencies and assets.
Primary market scope

According to some reports, over-the-counter trading in only three cryptocurrencies (BTC, ETH, XRP) takes more than 60% in relation to the volumes in the secondary market. Based on these data, it turns out that more than $50 billion per day falls on the over-the-counter market, and these transactions require high legal protection and confidentiality of personal data of participants. These volumes relate only to three of cryptocurrency.

Barter: smartplace is designed not only for over-the-counter trading of leading cryptocurrencies. It is planned that the platform will be widely used for trading collectibles, precious metals and stones, jewelry, shares of companies, and other expensive objects of the transaction.

In the first year of smartplace launch, it is planned to closely interact with banking institutions that are willing to explore cryptocurrencies and blockchain technology; and law firms that will become agents on smartplace for transaction support. Thus, after Barter attracts partners, the volume of barter transactions on the platform can reach above $100 billion per month and increase every year several times along with increasing confidence in smartplace.

Monetization

The main product is a legal smart contract (barter agreement), which is paid one-time by two parties to make an exchange, payment is made by BRTR tokens. The contract price can have a discount of up to 100% for customers who have tokenized real valuable assets using the Barter service. The contract value for the entire transaction volume should not exceed more than 0.02% of the total contract volume, but cannot be less than 10 BRTR.

Professional tokenization with legal support is an additional service, but one of the most important, which capitalizes the ecosystem of the platform for further development through the purchase of the BRTR token. It is predicted that the service of delivery of real valuable goods/assets to the buyer (or both parties) will be in demand after the exchange, for example, when exchanging collectibles – VIP Concierge service. The cost of the service is also paid by BRTR tokens and will have an individual price for each transaction, since delivery requires additional organizational costs, which can be calculated only upon the conclusion of the transaction and the request for such a service.

The list of additional services will be expanded as the platform develops. Technically, the exchange is almost free. The purchase of BRTR tokens opens access to the use of
the service for barter exchange and additional services, including the tokenization of a real valuable asset. This can be compared to buying ETH to launch an app or smart contract.

Optimization of legal services is the next step in the future.

Projected growth of capitalization

Suppose that after the release of the smartplace product, the demand for services will be as follows:

1. Annual volume of $1.2 trillion with an average monthly volume of transactions of $100 billion with an average Commission for the contract of 0.02%
2. Concluded 20,000 contracts at an average cost of 100 BRTR;
3. Tokenized 1000 real valuable goods at an average price of 1000 BRTR;
4. Demand for VIP Concierge service for 100 deliveries at an average cost of 20,000 BRTR;

The dollar equivalent value is indicated for convenience of calculation. Barter plans to bring the BRTR token to the secondary market at a price of $0.3. Based on these data it is possible to make the following prediction of the growth of capitalization of the token:

1. Commission from the annual volume of transactions is equal to $240,000,000;
2. Contracts with average cost will additionally add $600,000;
Thus, taking into account the above data only for the first year of smartplace operation, thanks to the demand for the purchase of the BRTR token for access to the service, it will be able to increase the capitalization of the platform in dollar terms by $241,500,000.

In addition to the direct purchase of a token for use as payment for Barter: smartplace services, the BRTR token with a developed ecosystem will be in demand in the secondary market as a use by buyers for delegating or launching a validator steak, as well as increased demand from cryptocurrency investors who can store the BRTR token in their cryptocurrency portfolio.

In accordance with the development strategy, the entry into the secondary market of the brtr token will attract an additional $3 million. In the first year after the IEO, the platform will be built and tested, after which the full product is planned to be launched in the second year. It turns out that only due to the demand for barter services: smartplace, the cost of the BRTR token in dollar terms can increase by 8050% in two years of operation. This very high percentage is provided by the fact that initially any economy of a new product in the crypto-currency market has almost zero capitalization, which begins to grow with the growth of confidence in the project in the process of its development, an increase in network activity, an increase in liquidity due to listing in the foreign exchange market and a growing demand for the token from blockchain-community.

**Infographics projected growth in capitalization based on data given above:**

<table>
<thead>
<tr>
<th>Project capitalization ($)</th>
<th>Pre-sale</th>
<th>ICO</th>
<th>IEO</th>
<th>MVP</th>
<th>Two year</th>
<th>Third year</th>
<th>Further</th>
</tr>
</thead>
<tbody>
<tr>
<td>x 1,000</td>
<td>20</td>
<td>300</td>
<td>3,000</td>
<td>15,000</td>
<td>250,000</td>
<td>290,000</td>
<td>330,000</td>
</tr>
</tbody>
</table>

3 Tokenization Services – $300,000;

4 Delivery of the real asset to the parties to the transaction at their location may increase the demand for BRTR by another $600,000.
The total issue is limited to tokens in the 100 million BRTR. The distribution of tokens in circulation is planned as follows:

1. The primary round of pre-sale financing is held in the amount of 2% of the issue and is distributed to participants at a price of $0.01 per token;

2. At the ICO stage, the project conducts a crowdfunding campaign, distributing another 5% of tokens at a cost of $0.06 per token;

3. At the stage of the initial exchange offer, it is planned to place the following 10% of the total share of the circulation at the price of $0.3 per token;

   During the testing phase the network on the D-PoS consensus, potential validators leave the requirements to be one of the 50 fundamental nodes of the network, which is awarded new coins to generate new blocks and conscientious of maintaining network performance. It is planned to distribute 1% of the balance to all nodes on a monthly basis, thereby stimulating the initial validators to hold rates for a long time without reducing the share, thereby increasing the overall market turnover. Thus, in 12 years arranged token processing will increase to ~41.5%.

   In addition to validators, the interest rate is expected from the delegates—the owners of more than 10 000 BRTR receiving the prize from a bet validator is a good way to get extra coins, in bitcoin is called mining;
After the successful stage of IEO, it is planned to distribute 1% of tokens to the team as a primary reward for the work done, which the owners will be able to dispose of at their discretion; Further distribution of tokens for the team will be carried out every 180 days by 1%, that is, the next 4.5 years – 9 times.

5% of the tokens are reserved to attract important partners to the Barter platform, which have a positive impact on the development of the network and the promotion of the smartplace application;

0.5% of the total token circulation is allocated to stimulate the community for helping the project within the bounty program, for example, incentives will be distributed for:

- Subscriptions and reposts in social networks;
- Writing reviews and posts about the project;
- Publication of materials in the media;
- MVP testing;
- Application tasks (design, forum moderation, translation of texts into other languages, etc);

The reserve Fund is supplemented every 180 days by 1% of the allocated share. Reserve Fund tokens can be used to hedge market risks and other types of risk. Stored in multi-currency reserves, can be used in market collapses, no external financing; when the life cycle of the product ends. The reserve Fund supports sustainable development of the project.

Distribution of investments

Attracted funding from stakeholders in the development of the Barter platform will be aimed at the development of the blockchain platform, smartplace applications and maintaining their performance. Startups in the crypto-currency industry face legal problems, so Barter has its own legal consultants to solve such issues and additionally seeks professional help from other international lawyers.

Today, any project and product at the first stage of launch needs a strong marketing strategy to become recognizable in the market and attract potential users. Barter:
smartplace is positioned as an international project. It is planned that the marketing and promotion of the product will initially be aimed at expanding the community and increasing the potential user base of the application.

The parameters of the distribution of funds are divided into three groups in accordance with the stage of token distribution, the calculations are given in USD for ease of perception:

**Pre-Sale –**

it is planned to raise $20,000 in order to realize the following goals:

- Website and personal account of the investor;
- Smart-contract ICO development;
- Contract code audit;
- Development of UX interface of the application;
- Expansion of the community;

**ICO –**

at the second stage of financing, it is planned to raise $300,000 to prepare the product for the initial exchange offer, the distribution will be made in the following areas:

- Marketing 30%,
- Product development and MVP 40%,
- Legal advice 20%,
- Organizational costs 10%.

**IEO –**

the third stage of fundraising. The funds received will be used for development of the project and the achievement of control points on the roadmap. The emphasis will be placed on the development of partnerships, strengthening the security of the blockchain ecosystem, product development and expanding the use of the platform.

**Strategy**

First of all, Barter focuses on attracting the attention of a large number of potential users and participants of the ecosystem. Now the platform is developing at the expense of stakeholders in the development of the ecosystem at an early stage with the further release of the BRTR token on the cryptomarket. We can say that now the development takes place on the principle of DAO.
We will highlight the main points of development of the project:

**Q4/2018**

*Project idea*, market Analytics, conception description of the OTC-platform and product interface.

**Q1/2019**

A minimum team has been formed to prepare for the seed stage of investment, presentation, *writing primary documentation* about the product, development of marketing strategy.

**Q2/2019**

Attracting investments, expanding team, *developing a minimum viable product (MVP)*, updating and supplementing product documentation in several languages (*White Paper, Token Economy, One Page, Presentation*), minimal marketing on target sites.

**Q3/2019**

Launch of MVP, marketing, receiving feedback from potential users on the product, launch of crowdsale smart-contract, code audit, investor’s account on the project website, preparation for the initial exchange offer (IEO).

**Q4/2019**

Develop a core product, increased marketing, *Initial Exchange Offering* of token Barter platform at top-cryptocurrency exchanges to attract additional investments ($3 million).

**Q1/2020**

Launch of the beta version of Barter: Smartplace and blockchain test-net token platform (payment system), new partners to expand the ecosystem, integration with banking institutions (API) and registers of owners of real and movable assets.

**Q2/2020**

Software code audit, *testing of over-the-counter and barter transactions on Barter: Smartplace* by strategic partners and banks, *launch of the interbank Lightning payment system (beta)*, preparation for the launch of main-net platform, expansion of product line, integration of the platform into interbank operations at international level.

Initial Exchange Offering

Develo**p a core product, increased marketing, *Initial Exchange Offering* of token Barter platform at top-cryptocurrency exchanges to attract additional investments ($3 million).**

Launch of the beta version of Barter: Smartplace and blockchain test-net token platform (payment system), new partners to expand the ecosystem, integration with banking institutions (API) and registers of owners of real and movable assets.

Software code audit, *testing of over-the-counter and barter transactions on Barter: Smartplace* by strategic partners and banks, *launch of the interbank Lightning payment system (beta)*, preparation for the launch of main-net platform, expansion of product line, integration of the platform into interbank operations at international level.
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<tr>
<th>Reference</th>
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<tr>
<td>1</td>
<td>Bitcoin: White Paper - bitcoin.org/bitcoin.pdf;</td>
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<td>2</td>
<td>Plasma: Scalable Autonomous Smart Contracts - plasma.io/plasma.pdf;</td>
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<td>0x: An open protocol for decentralized exchange on the Ethereum blockchain - 0x.org/pdfs/0x_white_paper.pdf;</td>
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<td>6</td>
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<td>7</td>
<td>Tendermint: Blockchain Consensus - tendermint.com/docs/introduction/introduction.html</td>
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Remark: original text of the document is written in Russian. To get it, write a request to team@barter.company.

This English version may distort actual information. The help of professional translators is welcome as part of the bounty program and the reward is paid in tokens, please contact bounty@barter.company.