

Quiver: A Community-Powered Green Investment Protocol.

Empowering cryptocurrency users to [unlock their earning potential](#).



Whitepaper(Technical)
23/05/2021

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1. Abstract

Quiver's goal is to build a community-driven investment protocol.

The cryptocurrency landscape is full of untapped earning potential which our platform will create a path to unlock. We envision a community consisting of our investors, product owners, developers, informants, traders, and enthusiasts alike. The value proposition for all of our stakeholders is in the rewards they will receive based on how long they have been part of the community.

Our platform – Quiver Protocol – is an all-in-one investment solution. It makes use of the community by incentivizing the provision of reliable information to investors, via the Decentralized Information Collector Protocol (DICP). The Quiver Investment DAO (IDAO) will run on top of the DICP.

Our community will build a green investment protocol, avoiding man-made 'pump & dumps'. To achieve this, we will employ a loyalty-based system which will ensure that the information provided is reliable & accurate, allowing the platform to run as smoothly & frictionlessly as possible.

The main concept behind Quiver Protocol is to allow the community's collective efforts to define the Protocol's efficiency, via decreasing community members' time spent researching, waiting, and confirming the research, probability of success, as well as calculating their Return-on-Investment.

To this end, Quiver will build a dedicated governance system composed of reliable members whom the system deems 'loyal', and who are dedicated to helping build a green investment protocol. Each community member will be able to grow their reputation in accordance with efforts made towards the community & platform.

The element of efficiency involves research time reduction, waiting time reduction, correctness of research, probability of success, and the Return-on-Investment. Furthermore, to ensure fairness, Quiver Foundation

members will avoid participating in financial-related governance actions. As such, the Foundation's main goal is to build the Protocol / environment for the community.

Governance-wise, every Protocol member has the ability to introduce new proposals. Every proposal will undergo a governance voting process.

The Quiver Foundation will be made up of 7 member seats, of which 5 are already taken by the Protocol's founders. Any Protocol member will be entitled to apply for a Foundation seat, given that they meet the reputation requirements. Afterwards, it is up to the Protocol's governance to elect the remaining 2 members.

The Protocol governance set reserves the right to retire any member who contributed initially but has since stopped participating. Retired members will be compensated with a retirement fee. Members who are retiring due to unfortunate, uncontrollable reasons will receive a higher compensation.

2. Vision

We envision a strong & united community working together to achieve the same goal.

We believe that cryptocurrency and blockchain still have room to grow exponentially. Our goal is to grow at an even faster pace than the cryptocurrency space by way of making well-informed, studied, and analysed decisions and selecting the projects with the highest potential and room to grow.

We are extremely focused on finding great projects that lack marketing & communications, but have the underlying technology, developers, ambition, and ability to execute. Furthermore, we believe that the only way to extract real value is via making long-term investments. This project has no interest in projects & ecosystems that are privy to price appreciations unrelated to the project's

technology or usability (i.e., new implementations or increased on-chain transactions).

3. Challenges

The crypto-investor landscape is currently troubled by three core issues: **Time**, **Cash**, and **Flexibility**.

As the cryptocurrency space grows in popularity, more and more people are becoming interested in making investments, but they are finding it difficult to allocate **time**. As a result, some of these newcomers look towards investment groups with which they can collaborate. Unfortunately, many of these groups are private, tight-knit groups that do not allow others in. Investment groups are also by-and-large slow, speculative, and inefficient.

On the other hand, some newcomers may look towards Lending Pools as a good way to earn passive income, however they usually require a high amount of BTC, ETH, USDC/T, or other cryptocurrencies as collateral. This introduces the second barrier to entry; **cash**.

The third barrier to entry is **flexibility**. This is most apparent in hedge funds that borrow assets from their users to trade. Since hedge funds rely on steady performance to survive, they are more likely to trade in assets that have already reached the majority of their potential, leading to diminished returns.

We also believe that many cryptocurrency users strive to remain anonymous, while simultaneously aiming to build a reputation in the space. We have seen this repeat time and time again as many individuals have carved out their niche in the space while remaining anonymous. A good example of that is [The Crypto Dog](#), a prolific member of the cryptocurrency community with over 400,000 followers that has never divulged his identity. On the flip side many investment tools and services require their users to undergo identity checks, causing discomfort for many.

Scalability is yet another challenge we are faced with. As we attract more users towards our protocol, the need for an architecture to classify the information

provided and output it to the relevant parties will become apparent. To solve such problems, the protocol employs its governance members to come up with motions and ideas which will undergo a rigorous process to ensure its integrity before it is deployed.

Due to these reasons, we are aiming to build the most secure, profitable, and flexible information mining system. Many of the available solutions are highly fragmented and work independent of each other. In contrast our DICP protocol serves to create a cohesive community, piecing together the money blocks, creating an efficient environment for both information and liquidity providers. Quiver Protocol's advisory board has professionals from both the analyst & investor world, boosting our knowledge, confidence, expertise, and capability to execute.

4. Investment Protocol

Initially, the Quiver Protocol prototype will make use of smart contracts coupled with a backend service. As we scale up, the backend service will be replaced with an on-chain protocol via the Cosmos SDK. By doing so, we enable the use of on-chain actions and application of multi-sig addresses, increasing security. We will also be adding in a new consensus called 'Proof of Reputation', making it easier for node operators to run their own protocol, since they will be able to farm reputation based on their efforts.

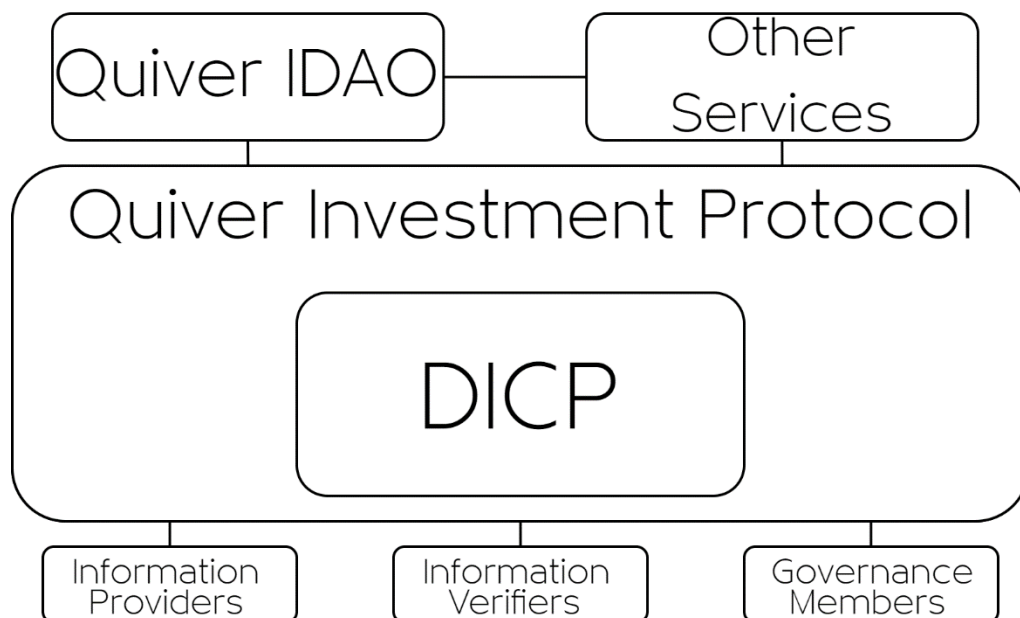


Figure 1: Quiver Protocol Overview

4.1 The Concept of Investment Protocol

The team behind Quiver Protocol is responsible for building an investment protocol that allows other services to run on top of it. Similar to how the Ethereum protocol provides an environment for decentralized applications, we aim to provide an environment for investment services.

In the investment world, the right information at the right time makes all the difference. To achieve this, we are building protocol's underlying mechanism – the Decentralised Information Collector Protocol (DICP). The first version of DICP

is Peer-to-Peer, where information providers can list their research papers on-chain and encrypt it. The information provided will always be manually checked by information verifiers, to ensure that it is not malicious, or spam. Other users will be able to see the listings and choose to purchase any one of them at their discretion. Upon doing so, the users will be given the encryption key, and thus access to the research.

The research from information providers will automatically be encapsulated into NFTs. Every information NFT has three functions: ownership, usability, and viewing. The NFT owner earns money every time another user purchases the rights to use their information in their investment decisions, or as part of their further research. Information verifiers will be granted viewing rights only, meaning that they are not allowed to make use of the information for their own investment.

Members who purchase the information will only receive a key that unlocks the ability to view and use the information but does not transfer ownership of the NFT. In order to set the information NFT's initial price, as well as show the information provider's confidence in their research, the information provider will be asked to put up a collateral of QREP or USDT. With each key sale, the price of the next key increases.

This mechanism allows the NFT to become a 'patent', providing the NFT owner with a steady income stream, giving them further incentives to provide even more valuable information in the future. The better the quality, the more reputable the information provider grows, and the more income they generate.

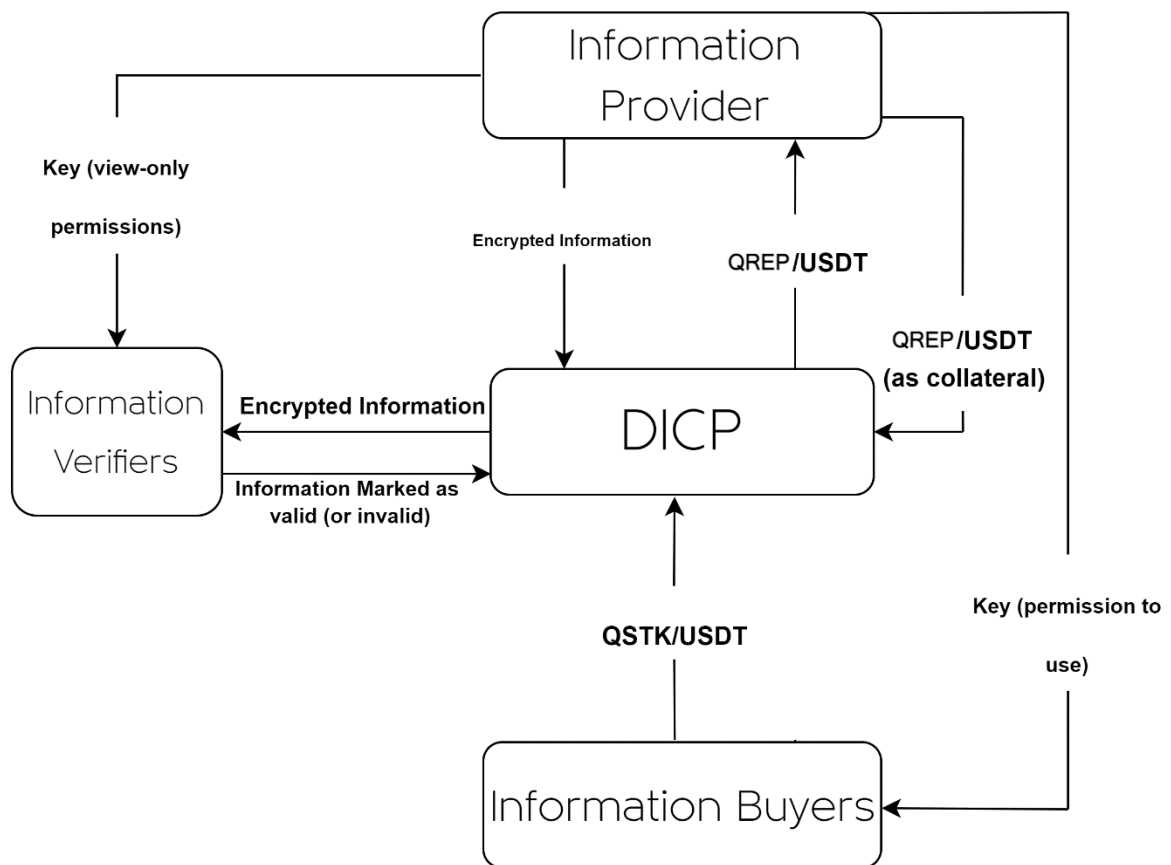


Figure 2: DICP Prototype Architecture

With the Decentralized Information Collector Protocol (DICP) serving as the backbone, the community will be able to build several services beneficial for the community members.

These services include:

1. **DAO Driven Hedge Funds** – These are fundamentally different from current hedge funds. The DAO Driven Hedge Fund will aim to provide liquidity for projects that are not yet public, or projects that are public, however in very early stages. As mentioned before, current hedge funds will mostly stick to high market-cap, low-risk, low-reward crypto-assets, meanwhile our goal is to find projects that are carving out their niche in the space, whom the community also deems to have the potential and the technical capability to grow. The DAO

Driven Hedge Fund will also take NFTs into consideration, given the growing market around them, and the possibilities they provide investors.

The actions executed within the DAO will be via smart contract, multi-sig addresses, by community members who have been identified as reputable, trustworthy, and loyal enough to execute said actions on behalf of the community. The service will be called Quiver Investment DAO (IDAO).

2. **Professional Cryptocurrency Analysis Group** – This group will be responsible for analysing the information provided by users and generating digestible reports for the community. This will be a community-commissioned entity.

3. **Service Development Team** – A team responsible for implementing new innovative ideas generated by the community and motioned into law by the governance voting process. They will also assist existing services that do not yet have a development team.

In Quiver Protocol's early stages, information providers will benefit from a high multiplier on their reputation gains. Conversely, they will also earn less income on their research, as the information provider architecture is being built. Investors, on the other hand, will benefit from being able to buy information at a discounted price.

When the Protocol completes its transition to the Cosmos SDK, the information validators will be able to monitor & manage information buy requests in real-time via multi-sig addresses. Until then, this will be done on a centralized back-end system.

The profitability of information can be determined via free-market mechanisms, such as whether or not a particular information piece is being bought. Information buyers can also vote on the information validity, and another metric with which it

may be measured is the profit generated by the information in question. For transparency purposes, all information change history will be saved on-chain.

The Protocol will have a reward-pool funded by information buyers and services that run on top of the Protocol. Discounts and incentives will be available to those (both individuals and services) who purchase information in bulk.

These rewards will be distributed in a fair manner on an epoch basis for QSTK and QREP token owners. The rewards will also be used to re-invest in the project's infrastructure, i.e., development, marketing, educational materials, treasury, and foundation. The timeline for each epoch is determined by the Protocol's performance, one epoch could last a week, or a month.

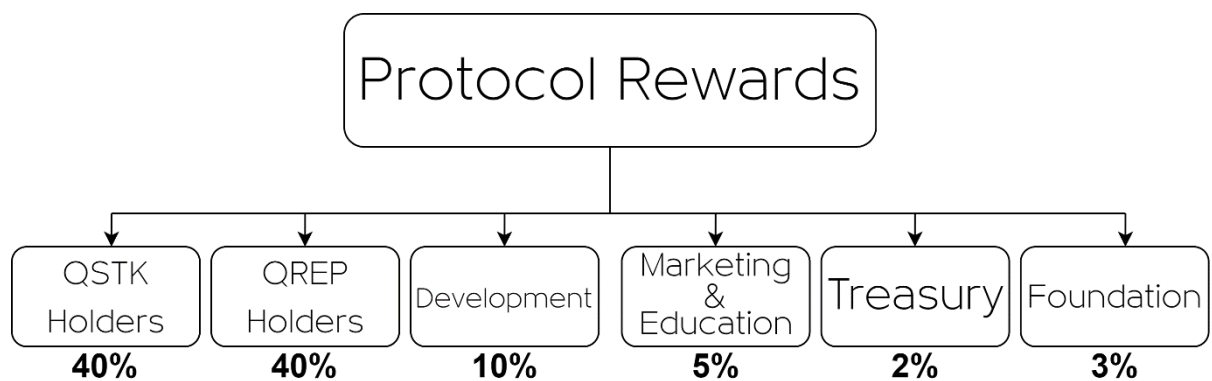


Figure 3: Protocol Rewards Distribution

The treasury itself will also be responsible for paying out retirement fees, or bonuses for high-reputation members.

4.2 QREP Token

We now introduce QREP token, an ERC-20 token. Anyone is able to own QREP, however it cannot be bought, and must instead be earned (minted) by users via contributions to the Protocol. QREP's main purpose is to determine user rankings on the Protocol via loyalty & trust ratings. Beyond this, QREP will be given out to users as rewards, and will most importantly be used as a Protocol governance token.

Furthermore, QREP is a non-transferable asset. As stated before, it may only be minted or burned by Protocol users. A score system will be built around QREP, tracking users' activity which will lead to proposals for the modification of reputation scores, which can only be approved by governance.

Finally, the ownership of QREP tokens entitles its owners to current and future rewards handed out by the Protocol.

4.3 QSTK Token: Pre-public

Next, we are introducing QSTK (Quiver Stock) token, another ERC-20 token designed to be used for the first service on Quiver Protocol, Quiver IDAO. QSTK is aimed directly at investors and other users, signifying their co-investment with Quiver IDAO. Furthermore, QSTK can be minted directly on Quiver Protocol with USDT.

The QSTK token will be used as a governance token for managing funds, but also as a reward token whereby users will receive rewards in proportion to the amount of QSTK tokens they own. Furthermore, users will be able to buy information provided on the Quiver Protocol at a discounted price when buying with QSTK tokens.

Information discount rates by QSTK balance levels:

- Bronze: 5%
- Silver: 10%
- Gold: 15%
- Platinum: 20%
- Diamond: 25%

In its early stages, Quiver IDAO will be managing the Protocol's developer and user reward funds in order to build up the information collector community. Eventually, as Quiver Protocol becomes self-sufficient, it will build its own

governance. Together with the rewards accrued, and the USDT from QSTK sales, the Quiver IDAO governance will use these funds towards further developing the DAO itself, as well as solving complex legal matters, and managing its finances.

4.4 Non-Fungible Tokens

NFTs play a crucial role in our ecosystem. In order to solve several issues, including price dumping, token security, and locked assets, we have chosen to wrap the QSTK tokens into NFTs. This approach not only allows initial investors to participate in the Quiver ecosystem, but also stimulates natural market growth of the token, and overall security.

Since the investors' QSTK holdings are individually represented by NFTs, we solve the issue of having those assets locked, thus allowing investors to actually participate in the Quiver Protocol & IDAO environment without suffering the penalties. Furthermore, having these tokens represented by an NFT also means that we support the QSTK market and increase its security. As a result, the total QSTK Circulating Supply will not be increased, yet users can trade the NFTs that represent specific and varying amounts of QSTK tokens with each other.

Even though NFT owners (investors') QSTK tokens remain locked they will continue to receive rewards. Lastly, users are disincentivized from selling the NFTs, as they represent a naturally appreciating asset. Should users still decide to trade their NFT on the markets, it will still have a severely reduced price impact on the QSTK market, as no actual tokens are being added to the circulating supply.

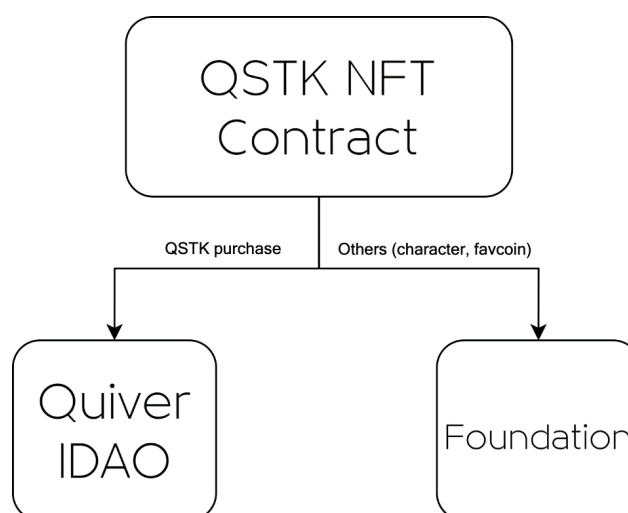


Figure SEQ Figure 1* ARABIC 4: QSTK NFT Contract Distribution

4.5 QSTK Token: Post-Public

The public sale of QSTK is set to start when the information provision system is completed, i.e., when it is ready to generate reliable profits for the community.

Purchasing QSTK Tokens

After QSTK tokens are made available to the public, anyone will be able to acquire them on a third-party Decentralized Exchange or minted by providing USDT to the QSTK minting contract. As such, the price of QSTK will be split in two: the market price driven by the DEX, and the contract price driven by the contract.

Anyone who makes financial contributions to Quiver Protocol during the launch phase will have an allocation of QSTK tokens proportional to the funding they provide. Should any early backer decide to leave Quiver Protocol, they will still retain ownership of their QSTK tokens, and will still retain the reputation achieved, as well as the privileges that come with owning QSTK at the time the project goes public.

Selling / Redeeming QSTK Tokens

QSTK token holders will also have the option to withdraw their investment at any time.

This can be done in one of two ways:

1. Selling QSTK tokens on the DEX at the market price.

OR

2. Providing QSTK tokens to the 'QInvestor' contract, and receiving the tokens which the contract invested in. If the QInvestor contract invests in a token that does not yet exist (i.e., a private sale launch), then the investor receives a wrapped token generated by Quiver IDAO that will be unwrappable when the token launches.

4.6 Quiver Lending & Borrowing

Users that meet the reputation requirements will gain access to Quiver's Lending & Borrowing services, meaning that only users who own QREP tokens will have access to Borrowing & Lending. This service will become available as soon as the Quiver Protocol starts harvesting profits via the DICP. We recognise that users would like to invest using their own funds, as such, Quiver will be lending out stable assets to loyal & reputable members.

KYC is not mandatory on Quiver; however, it is up to the governance's discretion to approve borrowing & lending requests. As for the borrowing & lending interest rates, these will be determined based on the platform's performance.

Users that do not wish to purchase QSTK tokens can still participate in the ecosystem, as we offer them our highest yield-lending APY services on their stablecoins. These users can also opt into our own yield-aggregator contract, similar to Yearn.Finance.

4.7 Managing Developer Funds

The funding for building our community, protocol, and its services is collected from the initial NFT sale and private sale rounds. These funds will be locked in a vested account and will then unlock on a monthly basis, funding our developers.

QSTK token owners have governance power over the aforementioned funds, and as such, they will decide how the funds are spent. The QSTK amount any one investor receives is dependent on their financial and temporal contributions, with early investors seeing higher discount rates.

5. Governance

5.1 Governance Model

Quiver Protocol is built on the premise of decentralised governance, elected by community members via a voting process, and held accountable by one another. Protocol governance members will manage the DICP, as well as the services built on top of it, with every service that runs on top of Quiver Protocol having its own, separate governance system from the Protocol governance.

Protocol Governance

To be eligible for the participation in Protocol governance, a user must first meet the reputation requirements. The reputation system is widely based on the contribution each member brings forward to the Protocol.

Protocol governance members are tasked with determining the percentages of profit allocated between foundation members, community members, Protocol seed investors, and the development of future Protocol services. They are also responsible for setting the correct pricing of information provision services, maintaining the efficiency of the DICP.

The Protocol governance member set can be changed at will via proposals. Should a governance member decide to leave the governance set, an election process will start so that the position will be filled again. This governance set can also elect one of their members to a position in the Quiver Foundation, reflecting their influence & interests.

Service Governance

Each new service built on the Quiver Protocol is able to issue its own governance token and can therefore decide the specific details and ruleset of how that governance will be run, from setting its own reputation requirements to the benefits and level of control that come with being a governance member. If

the service is comprised of a single person, then they alone can make every governance-related decision.

Quiver IDAO is set to be the first service that runs on top of Quiver Protocol, and thus the first service governance set.

5.2 Membership

Each governance set will have a predetermined number of memberships allocated in order to avoid over-fragmentation.

Non-governance members with a high enough reputation are allowed to select one governance member as their representative. In order for governance members to perform their responsibilities, they will each have voting power proportional to the sum of their supporters.

To detect and deter bad actors in the ecosystem, a security team is organized. Security members monitor user activity, and their main scope is to find potential vulnerabilities and issues on which they can make proposals for the governance to approve.

Lastly, should there be collusion between governance members, a predetermined percentage of members can vote to create a dispute. At this time, the Quiver Protocol and its services will be put on pause until new governance members are elected.

5.3 Foundation

The Quiver Protocol Foundation's first task is to build the DCP and Quiver IDAO, among other utilities that serve the entire Protocol. Aside from this, the Foundation will also be responsible for building the community, governance, and architectures of both the Protocol and IDAO. The Foundation will also select the initial developer team and seek seed funding.

For transparency, and to provide the Quiver Protocol services more independence, the Quiver Protocol Foundation will not participate in their governance. The Protocol Foundation governance will however receive a fair percentage of Quiver IDAO tokens, QSTK, but its members will not participate in the governance of Quiver IDAO.

Foundation members reserve the right to make proposal for the IDAO, and every other service, just like any other platform user.

6. Security

6.1 Quiver Protocol Security

The security of Quiver Protocol is our number one priority.

Protocol security implies information security, which is why we are making the information provided by users visible to information verifiers. Any user can opt in to become an information verifier given that they pass the reputation threshold. All information verifiers will be asked to put up a collateral of either their reputation or USDT and should an information verifier be caught giving out information, they will lose their privileges and collateral.

This also ensures that information verifiers are taking their job seriously and provide the Protocol with their best efforts at identifying and routing the right information. Furthermore, information verifiers are advised to use separate

wallets / addresses for investing and information verifying, in order to mitigate bots that might be address-watching.

A safety management team will also be deployed and tasked with defining the principles & terms for maintaining security on our Protocol and its services.

The Protocol may fail in the case that we do not have enough information providers, or should they leave due to lack of income. This may drive investors away. To mitigate this issue, the Protocol will attract both information providers and investors via invitation campaigns, creating incentives until we reach the desired investor and information provider threshold.

Other scenarios where the protocol may fail are:

- If the protocol cannot verify the incoming information correctly, i.e., failing to classify the information correctly for the investor target audience.
- If lots of information providers come up with invalid information, and if that information passes the information verifier checks, reaching the investors.
- If users with high-reputation provide invalid information – should this happen, their reputation will be slashed.

As a vote of confidence, information providers are required to put up their own QREP and USDT on the information they provide, as collateral. If the information proves to be valuable, then he will be rewarded with a QREP and USDT multiplier. If the information is incorrect, and is slashed by information verifiers, then the QREP and USDT used as collateral will also be lost in the process.

6.2 Quiver IDAO Security

Quiver IDAO is secured by QSTK token, as well as the USDT reserves from QSTK sales.

Initially, the QSTK tokens will be distributed to NFT owners and seed investors, as well as the Foundation. The Foundation will make use of the funds to stimulate Quiver IDAO development and provide airdrops.

To ensure that the QSTK token market and its participants are not victims of front-running, technical solutions will be employed, for example locking the transferred assets for a predetermined number of blocks. A whitelist and blacklist of addresses will also be managed by our community.

To secure the USDT reserve, only governance multi-sig addresses, and trusted members elected by governance will be granted control over the reserve. The trusted member solution will precede the multi-sig solution, until the architecture for multi-sig is set in place.

Lastly, to secure all Quiver IDAO funds, the IDAO will have a predetermined percentage of funds placed in stable coin lending & borrowing protocols such as Curve, TrueFi, Aave, etc... The exact percentage and where they will be placed is up to the IDAO governance to decide.

7. Tokenomics

7.1 QREP Token Utility

QREP Token is the Quiver Protocol ecosystem token. QREP Token holders are subject to rewards from the Protocol's services and other Protocol users. This token is non-transferrable, and its minting / burning processes are managed by the Quiver Protocol governance.

QREP token cannot be transferred between users. Governance can determine the rule of mint/burn process. Active Protocol users and Quiver IDAO investors will be rewarded with QREP token, giving them power in the Protocol voting processes. If a user wants to change their address, they must send a request to the Protocol's governance, where it can be approved, and all their QREP tokens can be moved to a different address.

To prevent users from losing their QREP tokens in the case of an attack, users have the option to register multiple addresses, where they can request the QREP tokens to be moved to. As always, we will make sure that every user is aware of the correct procedures to avoid losing their wallet or being subject to attacks in the first place.

7.2 QREP Token Supply

In general, QREP tokens are minted via specific rules which are modifiable by governance.

The maximum initial QREP token distribution is limited to 1,000 QREP per user. With time, the initial claimable QREP amount is decreased by 10% every month for 10 months, after which the maximum QREP tokens a user can claim will be 100 QREP. To complete the initial QREP token distribution, we make use of the user's social profile rating, and record of Protocol contributions.

Examples of what can be used to determine a user's social profile rating:

- Github: 1 QREP per every 5 stars, 1 QREP per every 5 contributions.
- StackOverflow: 1 QREP per 10 reputation
- Reddit: 1 QREP per 10 Karma
- Medium: 5 QREP per article
- Twitter: 1 QREP per 10 followers: Followers can be bought
- ETH Address: 1 QREP per 50 TxS (includes all networks e.g., ETH, BSC, Matic, xDai, FTM, etc...)
- Quiver NFT Ownership: 1 QREP per NFT.
- QSTK Ownership: 1 QREP per 5,000 QSTK

The Quiver Protocol governance will be responsible for providing the initial reputation based on user requests. It should be noted that Twitter and Reddit accounts are subject to audit checks in order to ensure that the account, or followers in question are not bought / artificially inflated. If users do not want to

ask for reputation, they can receive 1 QREP token via a faucet, with no governance involved.

Initially, information providers, verifiers, and governance members will receive QREP tokens based on their performance / contributions. For QSTK (Quiver IDAO) investors, governance will determine their rating.

7.3 QSTK Token Utility

The Quiver Stock Token (QSTK) is Quiver IDAO's governance token, and as such its price reflects the performance of the IDAO. QSTK will be used as a governance token, and as a reward token. Users can receive rewards based on the IDAO's performance, and relative to how many QSTK tokens they hold. Users can also buy information from providers on Quiver Protocol with QSTK at a discounted price. QSTK is a transferable token, and it may be bought and sold.

As mentioned before, once Quiver IDAO goes public, the QSTK token will be available both via depositing USDT in the QSTK contract, and also on the free market (DEXes). In order to mitigate market makers who do not participate in the community, but still influence the price with their own funds, a minting and burning functionality is introduced.

If the price of the token on the DEX is subject to unhealthy price pumps, users will have the ability to mint QSTK from the ERC-20 contract via depositing USDT. Similarly, if the price drastically drops on the DEX, users can purchase tokens from the DEX and sell them (thereby burning the tokens) to the ERC-20 contract.

The QSTK minting / burning prices will be controlled by a smart contract which calculates Quiver IDAO's performance, including current and future performance. Current performance is calculated by looking at past activity and the amount the IDAO earned. Meanwhile, future performance will be assessed by looking at QSTK minting rates, determining the token's demand. Lastly, we want to avoid users overly minting & burning QSTK, therefore a small fee is introduced in the

contract. Depending on the amount burned / minted, the fee could either be a fixed amount of USDT, or a % of the QSTK burned / minted.

7.4 QSTK Token Supply

QSTK has a fixed supply of 2 billion tokens. An initial of at most 500M QSTK tokens will be made available to purchase during seed funding rounds. There will be a total of three NFT Sale rounds, alongside an optional QSTK seed sale. The proceedings of the sales will be distributed as such:

- 50M QSTK tokens for airdrop users, team and advisors
- 100% QSTK purchases towards the DAO, development fund (\$1M), and for initial user incentives.
- NFT characters and favcoin pricing to foundation

We are planning on launching a larger public sale once the Protocol MVP is ready, with 1B QSTK tokens to be distributed, at a cap of \$20M. The proceedings of the public sale will be distributed as such:

- 40% for liquidity
- 30% for investments
- 10% for marketing
- 10% for development
- 7.5% for advisors
- 2.5% for airdrops

100M QSTK tokens locked for the duration of a year at the time of the public sale for the team. The majority of the seed investor and team tokens will be locked as part of the NFTs generated.

QSTK Token seed sale details:

- **First Round:**

Target: \$0.7M

QSTK Supply Limit: 80M

Discount Rate: 20% + Duration-based discount rate

NFTs Available: 4,000

- **Second Round:**

Target: \$1M

QSTK Supply Limit: 100M

Discount Rate: 10% + Duration-based discount rate

NFTs Available: 3,000

- **Third Round**

Target: \$1.3M

QSTK Supply Limit: 120M

Discount Rate: 5% + Duration-based discount rate

NFTs Available: 3,000

- **Optional QSTK Seed ERC20 Round**

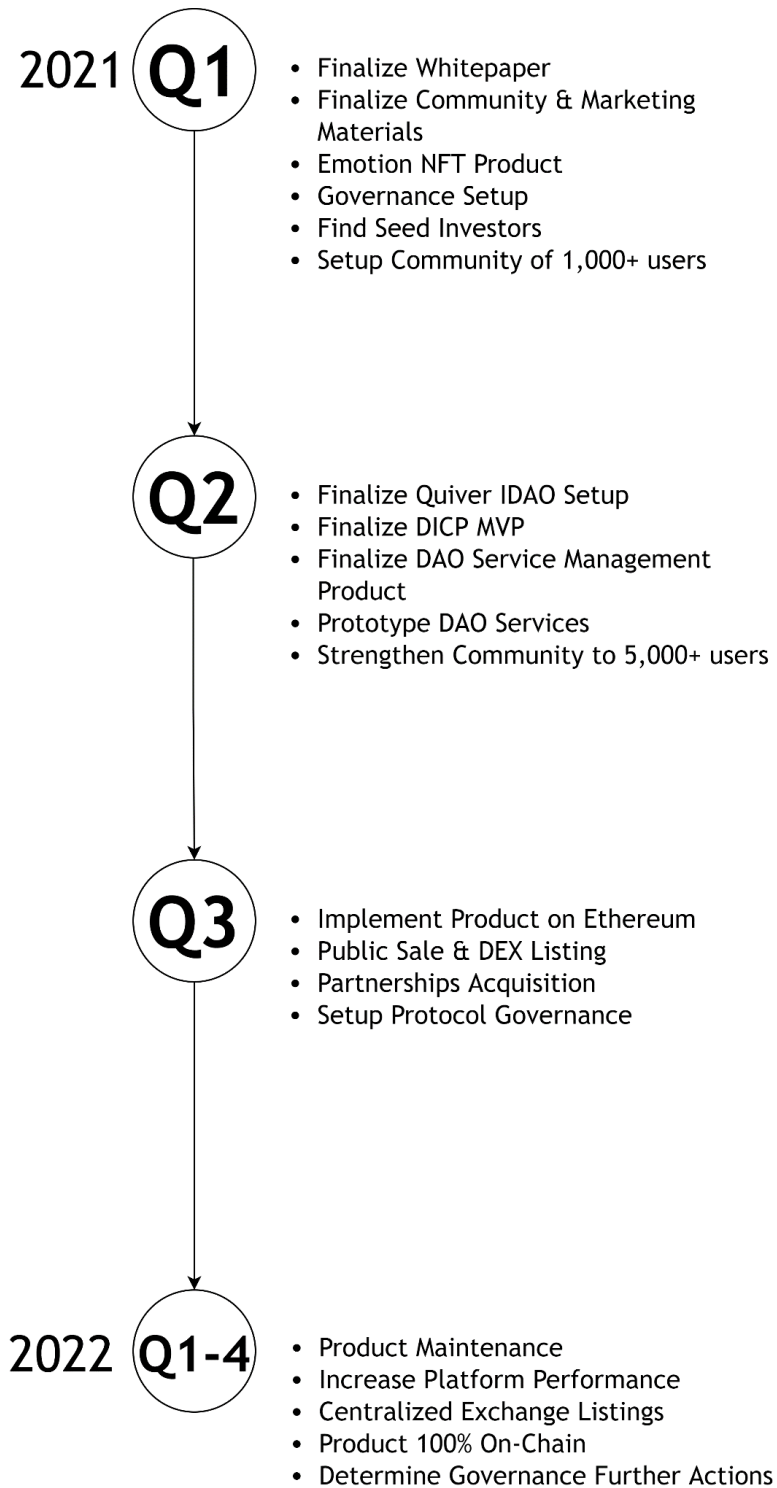
Target: N/A

QSTK Supply Limit: N/A

Discount Rate: Duration-based discount rate

8. Roadmap

●Roadmap Overview



● 2021 Q2

- Finalize Whitepaper & Website
- Finalize v1 of NFT Minter Dashboard
- Build Community of 1,000+ on Discord and Telegram
- Acquire Early Protocol Investors & Partners
- First NFT Launch & Sale
- Sequential NFT Sales (Depending on Previous Results)
- Distribute Funds to IDAO & Foundation
- Finalize Documents & Service Details (Fees & Reward Distributions)
- Finalize User Guidance & Terms of Service Documents

● 2021 Q3

- Setup Quiver IDAO with NFT & QSTK Holders
- Prepare Specification & Design Architecture for Off-Chain Reputation
- Finalize Off-Chain MVP for the Reputation Management System
- Organize Small Investor Groups with QSTK Governance
- Setup Reputation Management via Discord & Telegram Bots

- Build Off-Chain Version of DICP & Combine with Rep Management
- Build Custom DAO Service & Fund Management for Investors
- Build the Quiver Protocol Forum

● 2021 Q4

- Build On-Chain Version of DICP with Rewards System on Ethereum
- Launch QSTK Public Sale
- Setup the Protocol Governance
- Increase Community and Network Size of DICP
- DEX Listings (e.g., Uniswap)
- Form Partnerships with Projects in the Ecosystem

● 2022

- Centralized Exchange Listings
- Push Platform Updates & Continue Maintenance
- Build Custom Chain via Cosmos SDK