twtzer

Twitzer DeSo - Whitepaper

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Decentralized social media network and distributed economy model with TWTZ.

Table of content

We believe in decentralized networks.

Twtzer will push forward the vision of a decentralized future by accomplishing three tasks:

1. giving ownership of content back to social media users
2. integrating freedom of speech as a core principle in our platform
3. building a reward system where contributors are rewarded for content. Our ultimate goal is to open a new chapter in the way humans share snapshots of life and interact with each other.

Centralized social networks have been around since the advent of the Internet. Our craving for peer-to-peer interaction resulted in the creation of the first USENET groups, Friendster, My Space, Twitter, and ultimately, the Facebook empire. It has taken us 2,500 years to end centralization in our governance system. The birth of democracy in Athens re-shaped humanity forever; now, the time has come to end the centralized way in which we interact with our peers.

Twtzer is an application based on blockchain technology that supports community building and social interaction with cryptocurrency rewards. We combine iconic social media concepts with the latest cryptography advances in distributed ledger technology. On our platform, users can share photos and

videos, send encrypted messages, payments, stream live streams and sell licenses for their creative content.

Introduction

Twtzer is a decentralized social media platform allowing users to distribute content seamlessly. Just imagine a photo and videos app that will store your files decentrally and securely in a single platform; built-in licensee management will allow you to decide if you want to keep your photos private or if you want to sell photo rights to others in exchange for TWTZ tokens. Twtzer is a community-driven project developed with the user's best interest at heart.

1. We use the best technology available on the market
2. We believe in freedom of speech and less censorship
3. We believe in the decentralization movement and its benefits

Why we are different from Twitter

Twitter is a social network where its users post and share original content, usually in the form of text. The main feature of the platform is it's built and managed by a central system. Sadly, the backbone of the platform is somewhat getting biased and can be hard for the future format of freedom of speech. Twtzer isn't a competitor to Twitter in any way; however, we think a cryptocurrency-based upvote system is an interesting concept. As a result, we decided to bring it to the masses by combining blockchain with the winning features of popular image-sharing sites. We've also planned to integrate the license management market, encrypted messenger, and live stream functionality.

We launched Twtzer to solve many issues with mainstream, centralized social media: Twtzer has 10 points traditional social networks lack.

1. No success for fake accounts and fake likes/followers. The community decides what content is valuable
2. Can reach and produce a lot of high-quality content quickly
3. The value of the platform is passed on to the users
4. Achieves reliability of data with blockchain technology with lower costs than ever before
5. Decentralised photos & videos—you own your content
6. Give every photo or video a monetized value

7.   Manage licenses & rights of photos or videos
8.   Reward the community with Tweezer tokens
9.   Build a great community around what we love the most, photos and videos
10. Rewarding the community means fair

Social Media in the Current Ecosystem

Our goal at Twtzer is to not only reduce social barriers but all barriers caused as a result of online interaction and centralized censorship. Blockchain technology is a distributed database used to maintain a continuously growing list of records, called blocks. Each block contains a timestamp and a link to a previous block. A blockchain is typically managed by a peer-to-peer network collectively adhering to a protocol for validating new blocks. Decentralized systems and tokens are a revolutionary concept on the blockchain, allowing various types of DAOs (decentralized autonomous organizations) to create solutions to our current centralized problems.

Introducing a decentralized social media platform based on the blockchain as a foundation for developing an entire decentralized ecosystem; will draw attention to blockchain technology and its potential, with regulators and worldwide governments already taking note. There is an opportunity right now for a project that may disrupt major industries; with change comes a challenge, but Twtzer is prepared to tackle it head-on.

How blockchain can change the social media experience

Social media has undoubtedly changed our lives in the last decade, experiencing unprecedented following and usage. It has become part of everyday life for 2.5 billion people in some form or other. Facebook, Twitter, LinkedIn, Instagram, Youtube, Pinterest, Snapchat, Wechat, Weibo, and the list goes on.

Let's face it, we either love or hate social media. We love it because it is an easy way to get updates on what is happening around the world, connect with friends and loved ones, learn about the latest trends, talk and debate about is, sues and a great way to sometimes get a good deal from an advertisement. It also provides a voice to the public and an arena for people to develop and share their content which otherwise would be difficult to obtain through traditional media. However, there are recent reports that many are starting to reduce their usage or abandon their social media as it affects their general well-being, invades their privacy and security, and users who produced quality content slowly learned that all their hard work was consumed by the platform itself, without getting paid adequately or getting paid at all in most cases. Content on social media

became the stepping stone to massive financial gain for the platform rather than the creator.

Used as a platform for advertisers to increase reach effectively in an efficient way. Advertisers are using social media as people are more likely to look at their feeds rather than watch advertising on TV. Advertising on social networks is guesstimated at $30 billion this year. Where does all this spenspendiA The very large chunk goes to the platform and not much goes to the creators, to be honest?

With all the technology and innovation that has driven the rapid rise and success of social media, comes a new technology that has the potential to transform the way we live today. It has wide-reaching implications that will affect all businesses and industries and have the potential to revolutionize the social experience by reinventing the very nature of how content and information are privately and profitably distributed.

Blockchain is a technology that is built on a decentralized platform. It is a decentralized database, r decentralized ledger where new 'blocks' are created for information that is being stored or processed. For a new block of information to be stored, it must be approved by the entire chain, meaning that the chain is completely 'decentralized' and therefore secure and transparent. Each block in the chain has a stamp that links to a previous block. Blockchains are secure databases by design solving the double spending problem (unlike physical coins or tokens, electronic files can be duplicated and spent twice) without the use of an authoritative body or central server.

Twtzer as an innovator

Introducing Twtzer, a platform employing blockchain technology that supports community building and social interaction with cryptocurrency rewards. Twtzer combines concepts from social media with lessons learned from building cryptocurrencies and their communities. Imagine the endless possibilities on Twtzer, where content that is created and shared will be secure, innovative and creative as content censorship will be less rigid, protecting privacy of the creators and users, and at the same time rewarding content creators, influencers and even users of the content with cryptocurrency that can be spent anywhere (at a café, shop online, etc..), where advertisers will now directly compensate content creators, influencers and users. From a social angle, it could also facilitate social causes where donations and the deployment of funds can be tracked in a transparent manner. The possibilities are endless to create a community that decides what content is appropriate and what content matters and reward those content creators and influencers accordingly.

Future of blockchain technology, cryptocurrency, ICOs and decentralisation

In recent months, blockchain has been gaining a lot of traction and attracted attention of prominent bankers and regulatory bodies around the world due to the meteoric rise of value of some cryptocurrencies and increasing trading volumes on crypto exchanges which are not regulated. This is fully understandable as the full potential of cryptocurrencies in the financial world is still at its early stages and cryptocurrencies can be misused for illicit financing purposes if not monitored and regulated, so it is important to have anti money laundering controls in place to counter the financing of terrorism and illicit activities.

China and South Korea have banned initial coin offerings, while Russian President Vladimir Putin has called for regulation of the sector. The idea that blockchain can be transformative is definitely there but the true test is for it to provide true value, similar to how the internet was as a potential technology was in the late-1980s. In October, the Monetary Authority of Singapore (MAS) issued its position on cryptocurrencies and has said that it does not plan to regulate cryptocurrencies such as bitcoin, but will remain alert to money laundering and other potential risks stemming from their use.

It recently issued a guideline to digital token offerings and very clearly spells out under which scenarios would ICOs be regulated per usual. The focus is not so much on the cryptocurrency or its value but rather the use and the activities surrounding the cryptocurrency including the risks involved. Very few jurisdictions regulate cryptocurrencies on the surface of it. Most have taken the approach that the medium itself does not pose the risk that warrants regulation. So the requirements of anti money laundering controls apply to activity around cryptocurrency rather than the cryptocurrency itself.

Twtzer has put in place the necessary security protocols and controls, and a stringent KYC process in its efforts to fully comply with all government regulations as well as updating the regulators as and when necessary on the use and activities of the TWTZ cryptocurrency.

Twtzer App and Twtzer ICO

OK, enough said. Regarding my point about the activities around the cryptocurrencies and the value of the platform, the team at Twtzer has worked very hard to release the alpha version which is now available. We are excited about the future of Twtzer and its potential to change the social experience

 Problems

Control your own data

Centralized servers are currently sending your data
from Europe to the US and vice versa and you don't really know who is actually able to read this data; it's possible that
hosted data may be accessed with or without the approval or knowledge o
f the customer.

Take license management into your own hand

Anyone can take your images and use them as their own on social media platforms, like Instagram. According to analysts, the global still image market will reach 4.46 billion USD by 2020[1]. Twtzer wants to makes sure you get rewarded for your creative content at the same time as making it easy for others to use it legally.

Centralized platforms are easy targets

Have you ever thought about how many times the big social networks were attacked by cybercrime? Recent hacks were even possible at big corporations like Yahoo; do you really want to put your privacy at risk just to remain part of a centralized system? Why not bring your identity offline, where you are the only one who can edit it? These days you can even store your cryptocurrency on a USB stick, so why not your identity?

Creative content, when compensated, is undervalued for content creators

Livestreams and videos are huge these days, but the big 4 are just giving away a small percentage to content creators; maybe that is one of the reasons they quit making content for their audience? But do we really have to accept this?

Why not hand it over to the community and let them decide how big the incentive should be for the content creator?

Better advertising experience with rewards

Digital advertising is overrun by middlemen, trackers and fraud. Get a better advertising experience controlling the data you want to give to the platform and be very close with your brands which you wear, use or admire during the day. Engage with them and be rewarded.

Users are abused

- Up to 50% of the average user's mobile data is for ads and trackers, costing as much as $23 a month.
- Ads use about 5 seconds of mobile load time on average.
- Ads decrease phone battery life by as much as 21%.
- Privacy is violated when large media sites host up to 70 trackers.
- Malware (malvertisements, ransom-ware) is up 132% in one year.

Publishers are hurting

- Google and Facebook take 73% of all ad dollars and 99% of all growth.
- Revenue is recently down 66%.
- Bots inflicted $7.2 billion in fraud last year.
- Over 600 million phones and desktops run ad-blocking.
- Publishers cannot seamlessly monetize value-added services.

Advertisers are losing

- Advertisers lack good information on what they are paying for.
- Marketers are often fooled by bogus websites and bots that commit fraud.
- Targeting is poor, making users more likely to ignore ads.

Censorship

Turkey banned Facebook and Whatsapp, North Korea banned Facebook, Twitter and YouTube, or most recently, Indonesia banned Telegram? Welcome to 2017— the world has changed and big governments are able to censor like this as a result of centralised infrastructure. Our approach is different and unique - we strictly forbid child porn, human trafficking, drugs, terrorism and more. We will empower our community to forbid content if they think it is not following the Twtzer community guidelines.

Everyone who engages within the community to maintain this environment will also be rewarded, so that we set a healthy incentive for people to manage content. As Twtzer will be decentralised, we are not able to fully forbid or prevent the above-mentioned topics, but we will help our community managers with tools and algorithms to easily access NSFW content and flag it as inappropriate.

Fake followers and abusive influencer marketing

Recent studies and experiments have shown that buying followers, likes and comments is easier than before, which brings abusive behaviour into the industry of influencer marketing. We at Twtzer believe there should be a better, safer mechanism to bring brands together with credible users within the platform.

Through our algorithms we will be able to match marketers with credible users who identify themselves as brand ambassadors. The weight of likes for users with no content or low seniority within the system should be less than a senior user with lots of good content. Users should not be able to purchase influence like at STEEMIT; we believe users should only be able to earn influence.

Opportunity

Twtzer is an opportunity to express yourself without limitations to interact with your friends, family, and others who share similar interests. For those who have not familiar with the technology: blockchain will allow individuals to utilize a decentralized network to store images, videos, and data on a trustless service in which nobody can view, thus maintaining the privacy you need; it will also allow the exchange of cryptocurrencies and other FIAT currencies.

We also believe great developers are key as our platform can grow exponentially, together with developers, improving the value for our users on a daily basis. Soon we will publish how developers can interact with the community inside our platform.

Twtzer is a great opportunity to be an early adopter, to learn alongside as it grows; there's even a great opportunity to build a business within the network through licensing and data distribution.

The user was at the forefront of our mind throughout the Twtzer creation process. What can they
benefit from the most? Our conclusion: freedom and self-governance.

Size of the Market

The long-term market we are aiming for is:

- SNS (Social Network Sites): 11.325 billion active social network users by January 2017
- Stock licenses for still photos and videos: an estimated 2.3 billion US $ (the global still image market will exceed 4 billion US $ by 2020.)
- Social Network Ad Spending: 25.98 billion US $
- Influencer marketing 1.07 billion US $ now which will reach 2.38 billion US $ by 2019
- Ecommerce Marketing

User

In the latest statistics published by Facebook, Twitter it was very clear that this social network is losing appeal among teens and young adults. This has contributed to a massive growth hindrance. On the other hand, newer platforms like Instagram and Snapchat are seeing double digit growth for this same demographic. This suggests that younger users are favouring more visual and trendy communication platforms. We believe that our cryptocurrency reward system puts us in a very unique position to attract this audience.

Social Network Advertising
Soure : https://www.statista.com/outlook/dmo/digital-advertising/social-media-advertising/worldwide#ad-spending

Still Photos and Video Stock Market

THE GLOBAL STOCK IMAGES AND VIDEOS MARKET IS EXPECTED TO REACH USD 7 BILLION BY 2027 FROM USD 4.68 BILLION IN 2021, AT A CAGR OF 6.95% DURING THE FORECAST PERIOD. Industry Analysis Report, Regional Outlook, Growth Potential, Price Trends, Competitive Market Share & Forecast 2022–2027.

Influencer Marketing

The market grew from $1.7 billion in 2016 to $9.7 billion in 2020. In 2021, it soared to $13.8 billion, indicating a   steady growth. This year, the market is projected to expand to a whopping $16.4 billion industry.

Ecosystem and Technology

Examples of financially incentivized processes:

Send TWTZ tokens to another user

Users can send TWTZ tokens between each other through our built-in messenger. This feature finally makes true micropayments between friends a reality.

Receive rewards

Whenever a user is rewarded through our upvote system, the transaction is recorded on the Ethereum blockchain.

Buy a license for a photo

When an individual purchases the license for a picture he is interacting with an Ethereum smart contract. This saves a lot of time for both the seller and the buyer.

Exchange TWTZ against FIAT

Users will be able to exchange TWTZ for FIAT or for other cryptocurrencies directly through our wallet.

Twtzer Blockchain

Important: We connect the interests of our contributors and of our users with one TWTZ Token. Our own blockchain asset will most certainly also have a value on the free market, but we are not planning to let people exchange these assets into TWTZ Tokens anywhere in the Twtzer ecosystem.

Examples for non-monetizing processes:

- Registration
- Comments
- Likes
- Superlikes
- Dislikes
- Small governance tasks (e.g. checking images regarding license abuse)
- Embedded content to websites

Tech Stack

The Twtzer ecosystem will be built on the best technologies for production — we believe in choosing the best tech stack available at the moment. Most of the blockchain technology is still in an early stage, but some is production ready and some will be production ready over the next 12 months. Regardless, each individual project will be monitored closely.

Speed and performance is important for users, so we have to use a hybrid solution which will combine the fastest client server architecture with the newest blockchain technology. We want users to have an ecosystem solution they will love for the many benefits we described.

Cross Browser Platform

Twtzer will be available for download on both the iOS App Store and Google Play Store. All features available on the web platform are also within both mobile applications. Both versions are equipped with push notifications so that you receive updates directly on your phone in real time; as a bonus we will also launch a desktop app for Windows and Mac for users who want to be connected all time.

Frontend

React is a declarative, efficient, and flexible JavaScript library for building user interfaces. Your components tell React what you want to render, then React efficiently updates and renders accordingly when your data changes. React has proven itself in web and mobile applications, so our advanced knowledge with React made this an easy decision.

Partly decentralised hosting architecture

A social network doesn't work like Torrents nor Blockchain, because for once you need to be able to listen to changes in an instant, this is why you need to connect via a websocket to a server that can push you change notifications.

The cost of such propagation inside a fully decentralised p2p network is going to be very costly, it's like wanting to give John from Germany an apple, but instead of shipping it via a direct airplane, you pass it from truck drivers to other truck drivers. In short, it doesn't work.

If we want to create a LIVE decentralised network, we have to change our

thinking. Again. Traits of a decentralised system:

- o The database cannot be taken down
- o Can get back up by other parties
- o The code that governs the network needs to be public
- o The application must be server-less

We can create serverless applications using AWS Lambda and DynamoDB. (AWS) Basically, we allow people to read the code and the database. We cannot offer more trust than this.

Decentralized doesn't mean people will host it, decentralized was always about trust, that's it. And by making things transparent, it's trustworthy.

This lies on AWS infrastructure. But they won't be able to shut it down. Because if they do: https://www.stratoscale.com/blog/cloud/7-alternatives-aws-lambda/ -- we can migrate fast.

We can be the first people that make a server-less chat application that is completely private and
secure.

Database

After our feasibility studies, fully decentralized data is slow and not fast, which goes against our ideology. So we approached the Database part with the zero knowledge methology. We are also watching closely what alternative solutions will come up over time.

The Database runs on MongoDB 3.4. A public read-access user will be provided and publicly available, so anyone can connect and read the full database used by Twtzer. If we will be getting DDOS-ed for this or heavily queried, we will create a replicaSet only for public database. If that doesn't stop attackers, we will close outside connection to our database and dump the database weekly on a CDN.

Zero Knowledge

The term "Zero Knowledge" refers to a system in which the database and the application are architected in such a way that the database does not expose any meaningful information. This implies that even if you have full read access to the database, the information is protected in such a way that no one that does not have access cannot read it.

In Twtzer our database is public, anyone can read it. This opens the path to decentralizing it later on so it becomes a community-governed system, while still maintaining privacy where it's needed.

To achieve this system there are 3 key methods of encryption that come into play, we are going to
briefly describe them:

Cyphers

The cyphers are a way to protect data with a password. For example, if you want to send a secret message to someone that goes through untrusted mediums you can tell your friend the password:

EncryptedValue = Cypher.Encrypt(SecretMessage, "MySecurePassword") Your

friend knows the password so he can decrypt it:

SecretMessage = Cypher.Decrypt(EncryptedValue, "MySecurePassword")

Hashes

The hashes act like a signature of a certain Data. And they aren't necessarily a means of transmitting data, but more of validating that the data you provided is correct. For example:
HashValue = Hash.digest(Data);

HashValue is a string of a fixed length (128 chars for example), and it's widely used in websites to ensure that you own your password. Meaning they will never store the actual password inside the database, only the HashValue of it. So when you login, the password you send is Hashed, and it gets compared with what the website owners have in their database.
Let's say you want to send to your friend a Message, but the medium you send it to, can be intercepted and the Message can get modified. What you could do using hashes, you could tell a certain password to your Friend and only you to know it:

Signature = Hash.digest("MyMessage" + "MySecurePassword")

The friend will receive "MyMessage" and the Signature. And he can apply the digest to it and make
sure that it really comes from you and hasn't been modified along the way.
Hashes are not the most secure means of signing data, because the cost of finding out what the message really is means that an attacker would need to hash all possible values and see if they match the hash.

RSA – Public/Private Keys

Each PrivateKey has a matching PublicKey.

If you want to send your friend a message. You can encrypt it with PublicKey, and decrypt it with PrivateKey. Example:
EncryptedMessage = RSA.encrypt(PublicKey, "MySecretMessage")
DecryptedMessage = RSA.decrypt(PrivateKey, EncryptedMessage) In this case DecryptedMessage is "MySecretMessage".

RSA concept is used for https:// traffic. You send a PublicKey to the web server. And all the information the server gives you, gets encrypted with the PublicKey you've given, and only you, the one that has the PrivateKey can decrypt it.

RSA can also be used for signing your message with your PrivateKey and it can be verified that it was
signed by you with the PublicKey.
Signature = RSA.sign(PrivateKey, "MyMessage")
The friend knows your PublicKey, and he can verify it: VerifySignature(PublicKey, "MyMessage", Signature);

Using a combination of the cryptosystems specified above, we can achieve a Zero Knowledge platform that allows you to create completely private groups, have friends, chat with friends. And the database will never expose what friends you have, in what groups you are in and what contents a group has.

A public database and the most private social platform in the world. It's a **paradox**.

Your identity inside Twtzer is verified with your PrivateKey, if you own the PrivateKey you own your account. After registration you are provided to download a file. That file holds your PrivateKey protected by the password you chose, and you will need it to authenticate in new browsers / computers. Loosing your password will result in loosing access to your account.
The Twtzer servers never receive the actual data, data is encrypted inside your browser before it is sent to the server. Using the mix of Cyphers, Hashes and RSA we ensure absolute security and privacy. This means that whenever you post something in your private group, client-side you encrypt the message with the group key which is privately shared to you when you are invited, and you send the message to the server, the server stores it in the database, and other peers inside your group will retrieve it, decrypt it in their browser and view your message.

User Registration / Login

We believe in a self-regulating system of governance and user registration. New users have to register with an email, username and password. After that, we will have a SMS verification in place to filter people with less than genuine interest in contributing to our community (i.e. fake accounts, duplicate accounts, fraud, etc.). In and of itself, this will be not enough. We hope that we built a healthy community which enables us to have healthy self-governance in place.

Users will be able to report a profile/person. If a certain threshold of reports is reached for a specific user, the user will go into our governance system where

people can confirm the report or decline the report. A sensitive algorithm will then figure out if the reports are right. Users with less than 100 followers are more likely to get into the governance system than users with 1000 followers.

Every registration will be confirmed after the phone verification via the blockchain. Furthermore, we are also exploring/thinking that we may consider allowing multiple accounts with one number; however, users will still have to register, as e.g if it's a business, you will still have a business related phone number etc

Media (Photo, Videos)

We are internally testing the performance of IPFS. Our main goal in choosing the right decentralised storage is affordability and fast loading for the end user—no one will use a decentralized app if it takes several seconds to load an image or a minute to load a video. Nevertheless, the user media to be stored safely, redundant and decentralized on the storage solution.

Messaging

Almost every social platform incorporates some sort of messaging feature. Twtzer wants to take it
one step further, offering mini features within the instant messaging functionality.
While chatting with a friend you'll also have the ability to send TWTZ instantly to them, request TWTZ , send multimedia attachments (images, GIFs, videos), emojis and much more. We also plan on allowing users to send and receive ERC20 standard tokens through instant messages. Instant messages are the most used feature within a social networking platform; as such, Twtzer hopes to make instant messaging more enjoyable and sociable for its users.

Twtzer hopes to integrate end- to-end message encryption. This will ensure that only you and the person you're communicating with can read what is sent; and nobody in between can intercept messages, not even Twtzer.

Live streaming
We know gamers tend to have different expectations for a live streaming functionality than the most of the public, or for example, celebrities. Our

platform will have dedicated tools for every possible scenario, to increase the impact of our platform. We are currently in partnership discussions with a reputable mobile streaming company. With a yearly growth of 60%, mobile gaming is an **extremely** important industry that we definitely want to target; as such, this collaboration is therefore one of our top priorities.

Privacy

We take privacy issues very seriously and as such, we want to safeguard users' control to their account and data privacy. With this in mind, we've set up some standard privacy control settings within user accounts: visibility (choosing whether or not your profile will be publicly visible) and approval (control followers with the ability to approve or reject follow requests).

Followers System

Each user can be followed by an unlimited number of users. The amount of followers are not relevant to the earnings of a person; however, if a user gains more trust via followers they will be able to use more Superlikes, which in turn will give them more "power" inside the Twtzer ecosystem. All Superlikes will have the same worth. Over time, as the ecosystem evolves , we will make monthly checks on how fair the system is and ask the community for feedback. If a change in this system is required, we will let the community vote about changes, as per our governance system.

Roadmap

Q4 2022
- Whitepaer launch
- Website Launch
- Campaing Launch
- ICO
- TWTZ Listing
- Start Development of Beta Model

Q1 2023
- Improve Social Media & Launch Beta Dapp
- Wallet Integration
- Encrypted Messaging
- TWTZ Listing and Integration

Q2 2023

- Closed Beta Signup
- Code Review & Security Checks
- Closed Beta Release

Q3 2023

- Voice & Video Calls
- Media License Management

Q4 2023

- Blockchain Solution
- Reward System (Pool, Superlikes, Voting)
- Media Decentralization
- Data Decentralization (Users, Posts, Messages)
- Resources Decentralization

TWTZ Token

The TWTZ Token is the main engine on the platform, powering various transactions such as:

- Equity of the Projet to holder
- Transferring VIBLO's to other users
- Buying licenses for content.
- Exchanging VIBLO's for fiat.
- Earning rewards.

49% Equity is distributed to initial buyers of tokens and they will receive the lifetime dividend of projects profit from ads and other services

Tokenmoics

Token Name :	Twtzer App
Symbol :	TWTZ TWTZ
Total Supply	1,32,67,07,64,3 TWTZ
IPO/ICO	49% : 650086745.07

Liquidity	20% - 265341528.6 TWTZ
Team	1% 1327076.43 TWTZ
Security Reserve	10% 132670764.30 TWTZ
Resource & Media Decentralised	8% - 106136611.44 TWTZ
Promotions and marketing -	2% 26534152.86 TWTZ)

IPO Launch Summary

Our goal is to raise a maximum of $10 million USD and a minimum of $5 million USD. Some of the numbers may change with BNB/USD exchange rates and volatility, but the following numbers are best effort estimates as of Nov, 202. The ICO will run 10 days.

- **Total supply of TWZ tokens** will be 1326707643 TWTZ
- **Soft Cap** : 245 BNB
- **Hard Cap :** 490 BNB
- **Minimal Contribution Amount: 0.1 BNB**
- **Exchange rate:** 1 BNB- 13267076.43 TWTZ TZ
- **ICO /IPO contact address:** Published through various channels 48hrs before ICO launch date.
- **Launch date and time:** 09.11.2022, 1pm UK time.
- **ICO launch time-frame:** 25 days
- **ICO completion:** ICO launch will end when either the maximum number of BNB are raised or final block number is reached. All funds will be returned to the initial Investors if the minimum Goal of 245 BNB is not reached
- The token is expressed with 1**8** decimals

Any TWTZ Token that is not sold will be frozen for 180 days and used for burning more infos will be published within those 180 days on how we can make sure that the value of the token on exchanges will be as stable as possible.

Why raise the funds through an ICO?

We know that an ICO these days is a double-edged sword: You either love the technology and opportunity, or you dislike it because it is often abused. We see the ICO as great chance for Twtzer and the ecosystem to develop value for users, content creators and company to engage on a more personal, more direct level, all connected through our platform and our TWTZ token

Funds Management

All funds will be held safely in multi-signature, hard wallets. Some of the funds will also be stored in fiat to pay expenses which can't be paid in Bitcoin or BNB . All accounts will be made transparent once the ICO finishes for all participants to monitor and audit at any time.
Management & team funds will be paid out over a period of 24 months, according to the pre-defined work packages. Work packages can be adjusted according to new circumstances in development of Twtzer.

Listing on Exchanges

Twtzer is ready with all the documentation to be listed on exchanges. Currently, we're in conversation with a few exchanges, working through the details; we intend to be listed on at least one major exchange shortly after the start of the ICO. After Dex listing on PancakeSwap

Conclusion

The Twtzer platform is being built for the mass market to introduce them to a familiar world of social media combined with a new decentralised environment in which creativity thrives. Throughout this whitepaper, we have tried to show the potential of the Twtzer project and blockchain technology in which it will operate. This is the beginning of mass adoption of decentralised rich media. Twtzer is for the community.

Why Contribute

There's a limit due to the regulations regarding smart-contract. The only coins that will ever be in circulation are those that will be sold in the ICO. When Twtzer

launches and integrates TWTZ coins to the platform, demand of TWTZ will increase, as more people demand it as a form of payment for their goods and services.

Important

TWTZ tokens are not intended to constitute securities in any jurisdiction. This whitepaper does not constitute a prospectus or offer document of any sort and is not intended to constitute an offer of securities or a solicitation for investment in securities in any jurisdiction.

This whitepaper does not constitute or form part of any opinion on any advice to sell, or any solicitation of any offer by the distributor/vendor of the TWTZ tokens to purchase any TWTZ token,s nor shall it or any part of it nor the fact of its presentation form the basis of, or be relied upon in connection with, any contract or investment decision.

No person is bound to enter into any contract or binding legal commitment in relation to the sale and purchase of the TWTZ tokens.

There are risks and uncertainties associated with Twtzer and their respective businesses and operations, the TWTZ tokens, the TWTZ Initial Coin Offering and the TWTZ Wallet (each as referred to in this whitepaper).

IF YOU ARE IN ANY DOUBT AS TO THE ACTION YOU SHOULD TAKE, YOU SHOULD CONSULT YOUR LEGAL, FINANCIAL, TAX OR OTHER PROFESSIONAL ADVISOR(S).

Disclaimer of liability

To the maximum extent permitted by the applicable laws, regulations and rules, Twtzer shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance on this whitepaper or any part thereof by you.

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Representations and warranties by you

By accessing and/or accepting possession of any information in this whitepaper or such part thereof (as the case may be), you represent and warrant to Twtzer as follows:

1. You agree and acknowledge that the TWTZ tokens do not constitute securities in any form in any jurisdiction;

2. You agree and acknowledge that this whitepaper does not constitute a prospectus or offer document of any sort, and is not intended to constitute an offer of securities in any jurisdiction or a solicitation for investment in securities and you are not bound to enter into any contract or binding legal commitment and no cryptocurrency or other form of payment is to be accepted on the basis of this whitepaper;

3. You agree and acknowledge that no regulatory authority has examined or approved of the information set out in this Whitepaper, no action has been or will be taken under the
laws, regulatory requirements or rules of any jurisdiction and the publication, distribution or dissemination of this whitepaper to you does not imply that the applicable laws, regulatory requirements or rules have been complied with;

4. You agree and acknowledge that this Whitepaper, the undertaking and/or the completion of the Twtzer Initial Coin Offering (ICO), or future trading of the TWTZ tokens on any cryptocurrency exchange, shall not be construed, interpreted or deemed by you as an
indication of the merits of the Twtzer, the TWTZ tokens, the TWTZ Initial Coin Offering and the
TWTZ Wallet (each as referred to in this whitepaper);

5.   the distribution or dissemination of this Whitepaper, any part thereof or any copy thereof, or acceptance of the same by you, is not prohibited or restricted by the applicable laws,
regulations or rules in your jurisdiction, and where any restrictions in relation to possession are applicable, you have observed and complied with all such restrictions at your own expense and without liability to Twtzer;

6. You agree and acknowledge that in the case where you wish to purchase any TWTZ tokens, the
TWTZ tokens are not to be construed, interpreted, classified or treated as:

- any kind of currency other than cryptocurrency;
- debentures, stocks or shares issued by any person or entity
- rights, options or derivatives in respect of such debentures, stocks or shares;
- rights under a contract for differences or under any other contract the purpose or pretended purpose of which is to secure a profit or avoid a loss;
- units in a collective investment scheme;
- units in a business trust;
- derivatives of units in a business trust; or
- any other security or class of securities

7. You have a basic degree of understanding of the operation, functionality, usage, storage, transmission mechanisms and other material characteristics of cryptocurrencies, blockchain- based software systems, cryptocurrency wallets or other related token storage mechanisms, blockchain technology and smart contract technology;

8.   You are fully aware and understand that in the case where you wish to purchase any TWTZ tokens, there are risks associated with Twtzer and their respective business and operations, the TWTZ tokens, the Twtzer Initial Coin Offering and the Twtzer Wallet (each as referred to in the whitepaper);

9.   You agree and acknowledge that Twtzer is not liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and

loss of use or data), arising out of or in connection with any acceptance of or reliance on this Whitepaper or any part thereof by you; and,

10. All of the above representations and warranties are true, complete, accurate and non- misleading from the time of your access to and/or acceptance of possession this whitepaper or such part thereof (as the case may be).

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All statements contained in this Whitepaper, statements made in press releases or in any place accessible by the public and oral statements that may be made by Twtzer constitute "forward- looking statements". Some of these statements can be identified by forward-looking terms such as "aim", "target", "anticipate", "believe", "could", "estimate", "expect", "if", "intend", "may", "plan", "possible", "probable", "project", "should", "would", "will" or other similar terms; however, these terms are not
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No offer of securities or registration

This whitepaper does not constitute a prospectus or offer document of any sort and is not intended to constitute an offer of securities or a solicitation for investment in securities in any jurisdiction. No person is bound to enter into any contract or binding legal commitment.

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Contact and Support

If you have any questions about Twtzer, our team, our technology, or anything in between, feel free to reach out.

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