



Zyrex Exchange

WHITE PAPER

Version 1.0

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Introduction



1. Introduction

We believe there are multiple types of exchanges; ones that deal purely with crypto or ones that deal in fiat. Zyrex aims to bridge the gap and provide a safe and secure platform that encompasses all areas of finance bringing them together in a singular platform.

1.1. Architecture

Many exchanges are launched these days by people who mean well but do not have the background or day to day knowledge of running an exchange or financial platform. They choose the "easy" approach which may work well initially but as time goes on and popularity increases things start to fail. Whether it is from a security standpoint or just that their systems were never engineered with efficiency, safety, security and scalability in mind. These things slow down the initial development of a platform but are key and essential for long-term success. Our team has combined years of experience in multiple fields to build a world class system from the ground up.

1.2. Security

There have been multiple if not hundreds of exchange platforms that have risen and fallen in the last few years. This could be due to malicious actions of owners/developers but the main reason we see is poor security and exchanges being hacked. Zyrex is built to the highest industry standards using the latest technologies to ensure safety. We strive to ensure account/user safety as our top priority.

1.3. Liquidity

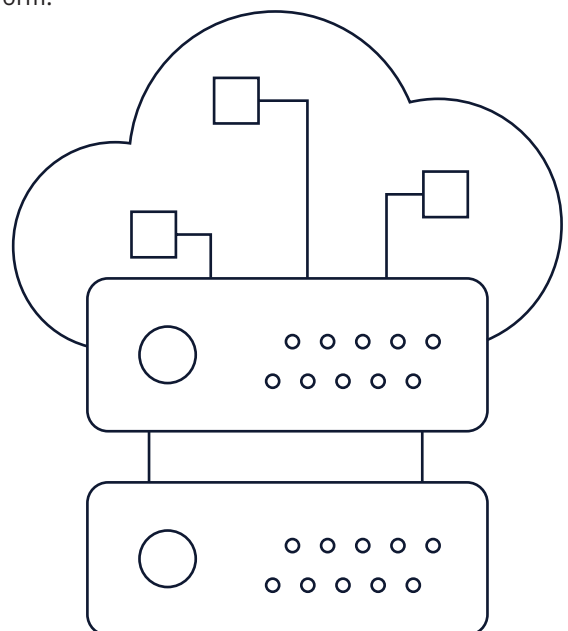
Professional traders and users are significantly effected by poor liquidity. A shallow orderbook creates high slippage when trading, which can be very costly to traders. We are partnering with large scale miners, investors, traders and crypto/asset developers to assist in ensuring this does not occur.

1.4. Customer Service

Customer service is paramount for any financial service/ platform. Understanding traders and users mentality is required to run a successful exchange. When money is literally 'on the line' customer service needs to be a key focus. Usually a 1 minute delay in seeing a status or process update would not be noticed but when it comes to money this could be a potential cause of complaints. In addition to our technical security technologies our customer service has also been given great thought. A reply will come directly from a staff member and not an automated response.

1.5. Localization

Blockchains and services have no boundaries so why should an exchange only focus on one language or country. Our team is forever expanding to support new local languages and markets. Long term we wish to bring every native language and country to the exchange platform.





CHAPTER 2

Zyrex Exchange

2. Zyrex Exchange

2.1. Exchange Engine

Our exchange trading/matching engine has been designed with speed, accuracy and scalability in mind. It currently supports 125,000 orders per second on each market. So you can be sure to never miss a deal or see a crossed order book. Your orders will never get stuck, crossed or delayed due to the engine being overwhelmed.

Continual work and development is being made to create an ever faster, secure and future proof experience with technologies used advancing daily.

2.2. Feature Roadmap

Outlined below are additional features to our exchange platform that are either in the research/development phase or already in progress. Please note that these can/will change with additions to be made.

- **Spot Trading**
- **Margin Trading**
- **Futures**
- **Tokenization**
- **More...**

2.3. Assets/Cryptocurrencies

Initially at launch all assets/cryptocurrencies will open with a base BTC trading pair. More assets/cryptocurrencies will be added over time. Generally only projects with strong credibility, active userbase and liquidity will be added. If you wish for an asset/cryptocurrency to be added you can make an application on our website. The following projects will be available at launch:

- **Zyrk [ZYRK]**
- **Dogecoin [DOGE]**
- **Litecoin [LTC]**
- **Veil [VEIL]**
- **ZelCash [ZEL]**
- **Pirate [ARRR]**
- **Placeholders [PHL]**
- **SpiderVPS [SPDR]**
- **Zero [ZER]**
- **Komodo [KMD]**
- **Verus [VRSC]**
- **Veles [VLS]**
- **Beam [BEAM]**
- **Grin [GRIN]**
- **Tera [TERA]**
- **Zano [ZANO]**

2.4. Coverage

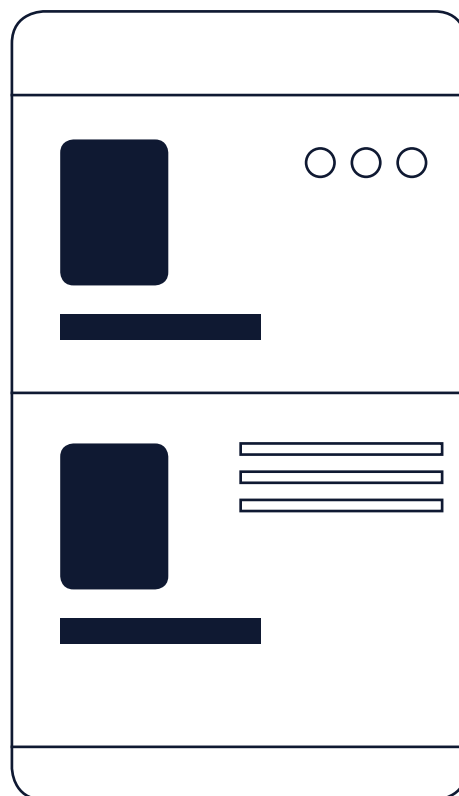
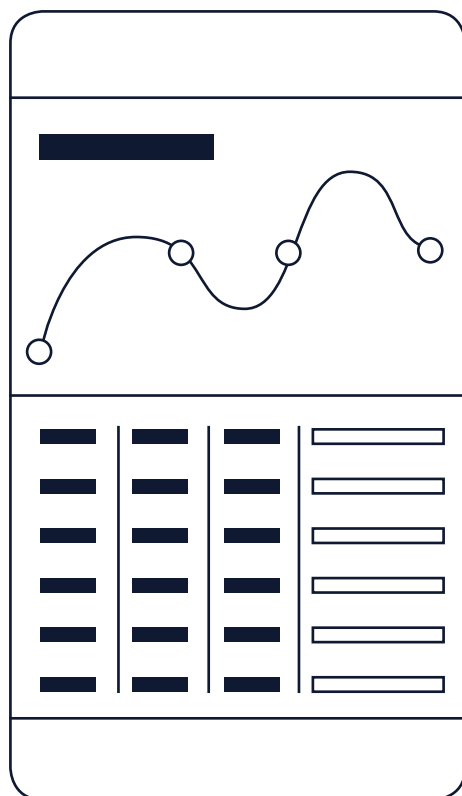
An exchange platform should not just be limited to a web browser. Trading never stops when you are trading assets/cryptocurrencies, so it should be available 24/7. Below are ways you can connect to the platform:

- **Browser based client**
- **Android native mobile client (coming soon)**
- **iOS native mobile client (coming soon)**
- **REST API**
- **Windows native application (Zyrk GUI+)**
- **Mobile HTML 5 client (coming soon)**

2.5. Multilingual Support

Initially at launch Zyrex will be available in the English language, over the coming weeks the following languages will be rolled out with more coming:

- **Chinese**
- **Russian**
- **Korean**
- **Spanish**
- **German**





CHAPTER 3

Revenue Model

3. Revenue Model

3.1. Sources

Zyrex uses a multi-stage revenue model and will get revenue from the following sources:

Source	Description
Exchange Fees	Trading fees which are a fixed 0.2% per trade. No plans are made to increase this fee. Does not include 0 fee promotions etc.
Withdrawal Fees	Network withdrawal fees are kept at a minimum. Currently Zyrex does not charge on top of the minimum fees, but may in the future.
Listing Fees	Zyrex will select innovative coins and other assets to be listed on the exchange, there may be a fee associated with those listings.
Margin Fees	If you trade on margin, there may be a fee or interest on the borrowed amount.
Other Fees	There may be other fees introduced at a later stage, including but not limited to advanced order types, algorithmic trading etc.

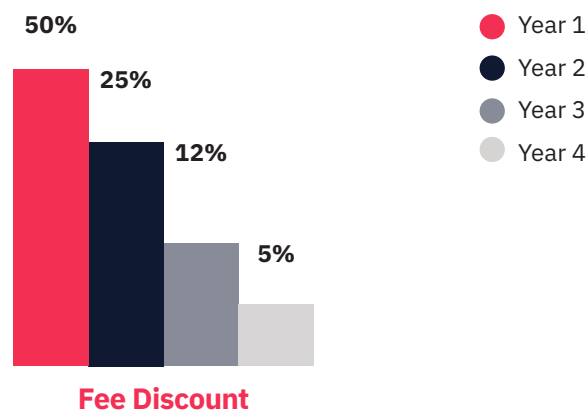
3.2. Zyrk Project (ZYRK)

Developers and staff of Zyrex also operate the Zyrk Project (which owns Zyrex). A strict limit of 42M ZYRK will be created and never increased. It will slowly be decreased with a "burn" process. Zyrk runs on its own independent blockchain and development is separate from Zyrex.

3.3. Zyrk Value

Other than the value created and maintained of Zyrk itself, it can also be used on the Zyrex platform. Zyrk can be used to pay for fees on the Zyrex platform including but not limited to exchange fees, withdrawal fees, listing fees, margin fees and any other fees created. Your fees will also be discounted for using Zyrk:

	Year 1	Year 2	Year 3	Year 4
Discount	50%	25%	12%	5%

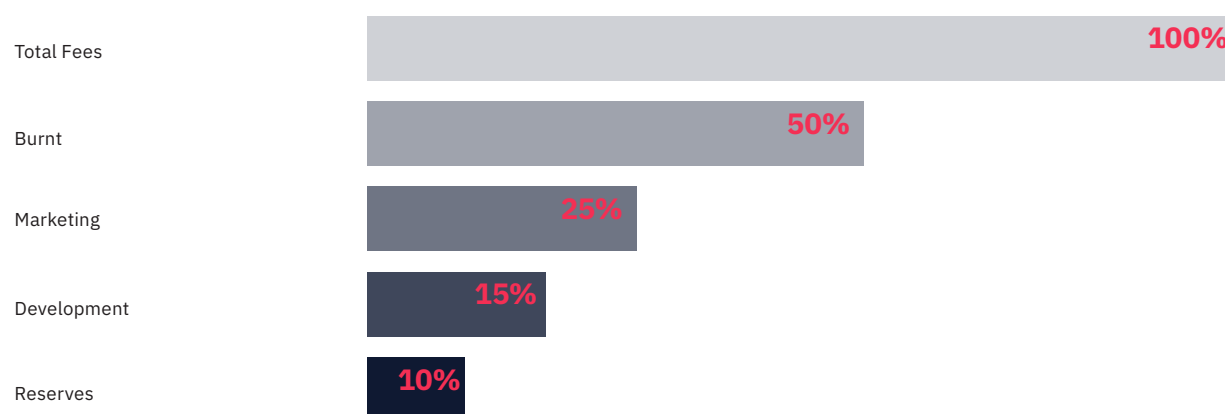


3.4. Zyrk Burning

Burning – as the name suggests, is a process of intentionally ‘burning’ or eliminating ZYRK by rendering it unusable. This is done by sending ZYRK to a ‘burn address’, which is often referred to as a ‘black hole’ since the private keys to that address are not obtainable by anyone. Therefore, any ZYRK sent to a burn address are unrecoverable and cannot be used again. These ZYRK are effectively taken out of circulation and is publicly recorded and verifiable on the blockchain.

Every quarter we will burn a percentage of ZYRK accumulated from fees collected on the Zyrex platform. This will continue to occur until 50% of the total supply of the ZYRK blockchain has been 'burned'. A breakdown of what percentage of fees to be burnt and allocation of other fees can be seen below.

	Description	Amount
Burn	Sent to 'burn address' reducing total supply	50%
Marketing	Branding and Marketing of Zyrk and Zyrex including continuous promotion, education and advertisement activities to help attract and promote among investors and attract active users to the platform.	25%
Development	To be used to build the Zyrk and Zyrex platform and perform upgrades to the system, which includes team recruiting, training, and the development budget.	15%
Reserves	Will be kept in reserve to cope with any emergency or unexpected situation that might come up and provide insurance for users.	10%





CHAPTER 4

The Team



Mykel Zhao
Lead Blockchain Developer

Mykel is the founding lead blockchain developer for the Zyrk Project. With a curious interest in Bitcoin since the release way back in 2009, Mykel has watched and participated in many network launches until the idea of Zyrk was created as a movement to change and improve on features he thought was missing in most competing cryptocurrencies.



Jackson Friel
Software Engineer

Jackson was recruited once development for Zyrk was already well underway, Jackson currently works part time on the project to give a helping hand to Mykel due to him just having a new born addition to his family. We hope to see more of Jackson over the coming years and potentially move in to a full time role.



Oscar Goodwin
Systems Admin/Analyst

Oscar was a bit late to the cryptocurrency world, only finding out about Bitcoin around the Mt Gox crash. Oscar has been a Systems Administrator and Analyst for a few high profile technology companies including a large scale hosting company. Oscar looks after all website, server and hosting related parts of the project.



Wayne Ahl
Cryptography Expert

Wayne has always had an eagerness to solve things, which lead him to cryptography. He first learnt of cryptography by subscribing to the Metzdowd mailing list around the time Satoshi released the first version of Bitcoin. Wayne is responsible for the creation of Zyop - making trustless, anonymous and secure transactions.



Francisco Ribeiro

Business Development and Marketing

Francisco has been an entrepreneur since a young age, managing and owning multiple businesses around the world. He got involved with crypto currencies in late 2015 and has been involved in multiple projects since including being a co-founder in 2017. He is a creative individual with a passion to solve problems and overcoming difficulties that arise.

Zyrex Exchange

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