

# **ALTCOINCASE**

**Crypto Asset Bank &**

**Crypto Asset Exchange Platform**

## **ABSTRACT**

The Altcoincase Protocol is designed to provide platform users with a decentralized and secure marketplace to get loans, earn interest. Users can leave their crypto assets deposited on the platform as collateral, get loans with their assets, earn interest and perform swap transactions. With these aspects, it is seen that it provides traditional banking services. However, the Altcoincase platform, unlike traditional banking, does not require its users to work with third parties, as it does not deal with paperwork. The platform does not take into account the sector the user works in, his annual income, the country he lives in, whether he has an identity card or not. In this way, anyone with an internet connection can use the Altcoincase platform. Altcoincase aims to create a faster and more reliable platform for users.

**TABLE OF CONTENTS**

**TABLE OF CONTENTS**..... 2

**INTRODUCTION**..... 3

**ALTCOINCASE**..... 3

**User Privacy** ..... 3

**Technical crew** ..... 3

**Procurement Assets** ..... 4

**Borrowing Assets** ..... 4

**Liquidations (Liquidity) (liquidation)** ..... 4

**Swap**..... 4

**Available Credit**..... 5

**Borrow Limit**..... 5

**Supply Market** ..... 5

**Borrow Market** ..... 5

**Market Liquid**..... 5

**Suppliers**..... 5

**Borrowers** ..... 5

**Collateral Factor**..... 5

**Total Supply** ..... 5

**Total Borrow**..... 5

**Interest rates** ..... 5

**PROBLEMS** ..... 5

**Solution**..... 6

**EXAMPLE OF USE**..... 7

**Bitcoin Earnings** ..... 7

**Bitcoin Credit**..... 7

## **INTRODUCTION**

Altcoincase is designed to be a complete algorithmic money market platform on Binance Smart Chain, Ethereum network and Blockchain networks. Altcoincase aims to be a decentralized finance platform.

## **ALTCOINCASE**

### **Crypto Asset Bank and Crypto Asset Exchange Platform.**

The Altcoincase Protocol is designed to provide platform users with a decentralized and secure marketplace to get loans, earn interest. The Altcoincase platform also offers many of traditional banks' services, such as earning interest, using loans, and exchanging crypto assets. Altcoincase works directly between two people (peer-to-peer) without routing through a central system. There is no need to deal with paperwork or work with third parties, unlike banks. In this way, it is faster.

It is open to anyone, regardless of the industry the user works in, their annual income, the country they live in, whether the user has an ID card or not. Anyone with an internet connection can create their financial market more equitably.

Main Features:

- Borrow and withdraw money in return for the collateral you have deposited in seconds, without any credit control, without dealing with any documents or third parties.
- Provide cryptocurrencies, earn interest by liquidating the platform. Earned interest rates and rewards are updated every 30 seconds.
- Exchange the crypto asset you have transferred to the platform in seconds.

### **User Privacy**

All login information<sup>1</sup> of the users is encrypted and recorded in the database. Except for the user himself, no one, including Altcoincase technical team, can see this information.

### **Technical crew**

Since all work is done automatically on the platform, the only duty of the technical team is to provide solutions to the problems experienced by the users.

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<sup>1</sup> Email address, password, IP address, etc.

### **Procurement Assets**

Providing crypto assets to the Altcoincase platform allows users to participate as a lender while maintaining collateral security in the protocol. Altcoincase platform users can provide liquidity to the platform and earn interest in return. Users will earn a variable-based interest rate based on the market's use of the yield curve. All users have the right to withdraw their collateral at any time, provided that their assets have a positive protocol balance.

The user who transfers the crypto asset to the supply market allows other users to borrow this crypto asset. The user who transfers the crypto asset to the supply market earns interest, while the borrower pays interest. In this way, the interaction between platform users is automatically ensured securely.

### **Borrowing Assets**

Users who wish to borrow any of the cryptocurrencies, stablecoins or digital assets supported on Altcoincase must commit to the collateral that will be locked on the platform. Users can borrow up to the rate determined by the protocol of their collateral.

Typically margin rates are set anywhere between 40% and 80%. For example, if the collateral value of Bitcoin is 75%, this means you can borrow up to 75% of the value of your Bitcoin. If the user has 100,000 USDT worth of Bitcoin provided to the Altcoincase protocol, it means that the user can borrow up to 75% of this value. However, suppose a user's collateral value falls below 75% or the percentage of collateral held by a particular asset. In that case, it may cause a liquidation event, which will be discussed later in the liquidity heading.

To return the collateral, users must repay the initial balance and interest to the protocol. The interest rate is calculated every 30 seconds and added to the debt.

The protocol automatically calculates interest rates according to the ratio of collateral and the amount of debt.

### **Liquidations (Liquidity) (liquidation)**

If a user's collateral falls below the borrowing thresholds of a particular coin market (borrowing limit rises to 100% and above), the user's collateral can be liquidated at 30% of the debt. These liquidations are subject to a liquidation fee to cover the outstanding debt. The liquidated portion of the user's collateral is sold, and the protocol pays 30% of the debt.

### **Swap**

Users can convert the crypto assets they transfer to the platform into a different crypto asset without any exchange.

**Available Credit**

According to the rate determined by the protocol, it is the amount of the total debt in stablecoins that the user can take as collateral.

**Borrow Limit**

It is the percentage of debt that the user determines as collateral.

**Supply Market**

It is the list of crypto assets provided to users in the protocol and the table showing the user's balance. In this table, there are names of crypto assets supplied to users, interest rates, balances of users, earnings activation button and collateral activation button.

**Borrow Market**

The list of crypto assets provided to users in the protocol and the table showing the user's debt balance. In this table, the names of the crypto assets provided to the users, the debt interest rates, the users' debt balances, and the ratio of their debts to the debt limit are included.

**Market Liquid**

It shows the number of crypto assets that all users have transferred to the supply market.

**Suppliers**

It shows the number of users transferring crypto assets to the supply market.

**Borrowers**

It shows the number of users borrowing from the protocol.

**Collateral Factor**

It shows the margin percentage determined by the protocol for the active crypto asset.

**Total Supply**

It shows the stablecoin value of crypto assets that users transfer to the supply market.

**Total Borrow**

It shows the value of the debt received from the protocol in stablecoins.

**Interest rates**

The protocol has interest rates set per market by both supply and borrowing. These interest rates are determined from the bottom up, based on the protocol's governance process. Interest rates for borrowable or procurable markets are dynamic and have a yield curve that changes according to usage.

**PROBLEMS**

The development of decentralized finance has created a diverse financial ecosystem built directly on blockchains that are transparent/verifiable through cryptography and predefined

coding known as smart contracts. These platforms redefined the structure of money markets without the need for a central authority or third-party decision-makers. In today's traditional world, even if the user provides collateral such as a house or car, users must provide creditworthiness, provable income, and other factors for the lender to decide. Traditional lenders do not allow credit in exchange for pledging digital assets and crypto-assets. The Altcoincase platform seeks a solution to this problem.

In addition, crypto-asset investors keep their crypto assets as long-term investments. They keep the crypto assets they hold in their wallets until the sales price they set. Few platforms can convert these crypto assets from passive to active investment. However, these platforms face security problems in centralized platforms and usage difficulties in decentralized platforms. Altcoincase provides investors with safer and easier crypto borrowing and earning.

Altcoincase is not the first platform to help bridge this gap in the traditional financial lending system with protocols made on blockchains. The difference of Altcoincase from other platforms; is that the user offers three different blockchain protocols<sup>2</sup> on the same platform. Users can deposit and withdraw crypto assets over the network of their choice.

### **Solution**

The altcoincase platform aims to close this gap that traditional lenders do not offer for crypto assets. Users can earn with the crypto assets they transfer to the platform. In addition, if they determine the crypto assets they transfer to the platform as collateral, they can borrow other crypto assets. In this way, they can have the opportunity to use their crypto investments by converting them from passive investments to active investments.

Altcoincase leverages the Binance Smart Chain, Ethereum network, and Blockchain networks to provide collateral, earn interest on that collateral, borrow against that collateral, and exchange crypto assets in seconds, enabling everyone to use a high-speed and low-transaction cost blockchain.

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<sup>2</sup> Bitcoin Main Chain, Ethereum Chain and Binance Smart Chain.

## **EXAMPLE OF USE**

### **Bitcoin Earnings**

For example, let's say person X has 2 Bitcoins. It is not to sell this crypto asset, which he holds as a long-term investment, because he thinks it will rise later. While waiting for Bitcoin to increase, there is no gain.

X person can earn passive income if he transfers the Bitcoin, they hold to the Altcoincase platform. He can earn a profit by keeping the Bitcoin he has at interest until the day he will exchange it. Thus, Bitcoin provides an additional income to the investor.

### **Bitcoin Credit**

For example, let's say person X has 1 Bitcoin. He does not want to sell the Bitcoin he has. Because he thinks the price will increase in the future. At the same time, person X needs money.

The Altcoincase platform offers a solution for this situation. Person X can set Bitcoin as collateral after transferring it to the Altcoincase platform. In this way, he can borrow a different crypto asset in exchange for the collateral he deposits. Afterward, if he pays the debt he received from the platform, he can withdraw his guarantee without any deduction.