XBITU
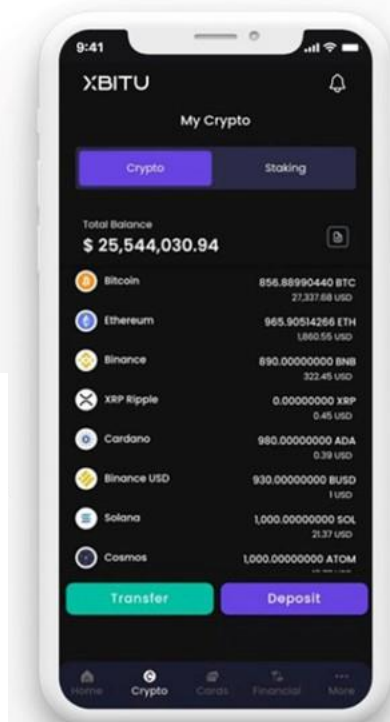
Beyond crypto management,
expand into PG platforms exchanges.

Crypto to my real life, XBITU

Easy, convenient, and secure cryptocurrency investment service

- ✓ Manage multiple cryptocurrencies in one spot
- ✓ Investing in crypto in different ways
- ✓ Use Visa prepaid cards to pay for interest

XBITU Whitepaper 1.0

0. Summary

Crypto to my real life, XBITU, easy and safe like a fiat finance app

With the advancement of various technologies such as internet and mobile technology, cloud, big data, and artificial intelligence, traditional financial services are rapidly evolving into the latest financial services known as fintech. Fintech is leading the transformation of traditional financial services, allowing users to easily borrow money, invest in various products, provide financial services to each other in the form of peer-to-peer (P2P), and even support contactless payments using QR code scanning or NFC.

As blockchain technology develops, the demand for cryptocurrencies is increasing, and at the same time, the market for financial services that support cryptocurrencies, or crypto-finance, is growing significantly. In line with these changes, XBITU provides a crypto-fintech service that provides financial services in the form of CEX (Centralized EXchanges) that users can use as easily and safely as institutional financial apps that deal with fiat currency.

XBITU accepts a wide range of cryptocurrencies and offers easy investment and lending services, as well as peer-to-peer funding where users can create and invest in crypto products.

XBITU aims to make crypto financial services accessible to crypto holders and crypto demanders with an easy and intuitive UI/UX, just like transacting fiat currency at a traditional bank, rather than aiming for a service that applies groundbreaking technology that has never existed before.

In addition, XBITU's financial platform will introduce the highest level of security services to create a service environment where users can entrust and invest their cryptocurrency with confidence.

Figure1. XBITU as easy and secure as existing institutional financial apps dealing with fiat currencies.

Invest with your crypto deposits, earn interest, and easily pay with your Visa prepaid card.

XBITU doesn't just store your crypto safely, it also offers a range of services that allow you to earn interest on your crypto, allowing you to capitalize on your investment.

The company also offers a Visa prepaid card service that allows users to easily access payment services with the profits they earn from their crypto holdings by charging them interest earned.

By simply moving cryptocurrencies held on exchanges or in personal wallets for investment purposes to XBITU, we will not only help you protect and manage your cryptocurrencies with robust security technology, but we will also help you earn interest and use the interest to make payments via Visa prepaid cards without having to convert to fiat currency, helping you get the most out of your cryptocurrency.

Expanding beyond crypto management and investment into a PG platform for exchanges

XBITU does not just facilitate the storage and investment of cryptocurrencies, but beyond the cryptocurrency wallet and investment services provided by XBITU, it also provides a service that allows you to easily make payments in various online stores and services with just a few clicks.

To this end, we are preparing a PG (Payment Gateway) service utilizing cryptocurrency from the beginning of XBITU service preparation, and once XBITU secures enough cryptocurrency-holding users and stably services VISA prepaid cards, we will launch a PG service that allows you to freely pay at any affiliated online service with cryptocurrency held in XBITU service.

The PG service will increase the utilization value of cryptocurrencies held in exchanges or wallets due to the difficulty of converting cryptocurrencies, by enabling users to easily pay for various online services.

We also have a vision to expand XBITU beyond just a crypto management and investment app to a global crypto PG platform by providing "XBITU PG plugins" that can be applied to other crypto exchanges and crypto wallet services.

XToken, a revenue sharing token for investors

XBITU will provide various crypto fintech services, including crypto wallet, crypto management, crypto lending, P2P funding, and later expansion of crypto PG platform business, and will recruit 'crypto liquidity providers' and 'investors' for rapid growth. For this purpose, we plan to issue and distribute 100,000,000 XTokens that can receive interest revenue distribution of XBITU in the future.

Depending on the size of the liquidity provided, the "crypto liquidity provider" will receive XTokens based on the amount of cryptocurrency invested, and will share in the interest income based on the percentage of XTokens they own out of the interest income that will be paid to XToken owners in the future.
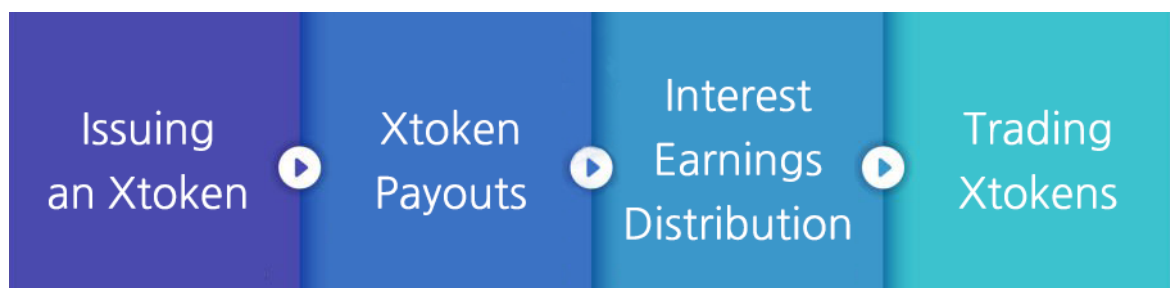

Figure2. Issuance of XToken, a revenue sharing token that can receive a share of XBITU's profits.

1. overview

1. Growing demand for crypto-finance

In 2023, the cryptocurrency market has already grown into an industry that cannot be ignored, and it is still growing with the release of various services. Beyond the presence or absence of active Dapps, various keywords such as blockchain games, Defi, NFT, DAO, etc. have emerged and are penetrating and influencing existing industries. In particular, as cryptocurrency has rapidly gained attention over the past few years, not only the application of services, but also the holding, trading, and investment of cryptocurrency have been actively carried out, and the crypto-financial market, which simply holds or invests in cryptocurrency through exchanges, is also growing steeply.

The number of people trading cryptocurrencies is estimated to have exceeded 300 million globally, with 6 million in South Korea, 46 million in the United States, 27 million in India, 20 million in Vietnam, and 16 million in Brazil, and the number of users is growing rapidly in emerging markets such as Nigeria, South Africa, and Indonesia.

Country	Number of Crypto Owners	Percentage of the population
United States	46,020,521	13.74%
India	27,416,309	2.00%
Pakistan	26,457,317	11.50%
Nigeria	22,332,791	10.34%
Vietnam	20,210,834	20.27%
China	19,883,262	1.33%
Brazil	16,652,150	7.75%
Russia	14,647,694	10.10%
Indonesia	12,237,009	4.45%
South Africa	7,712,116	12.45%

<Table. Cryptocurrency trading population by country in 2022 (Source: Triple A)

As the number of services that require cryptocurrency transactions, such as P2E games, M2E services, purchasing artworks through NFTs, participating in NFT communities, and real estate transactions, increases, as well as the number of users who use them, the number of cryptocurrency transactions is expected to continue to grow.
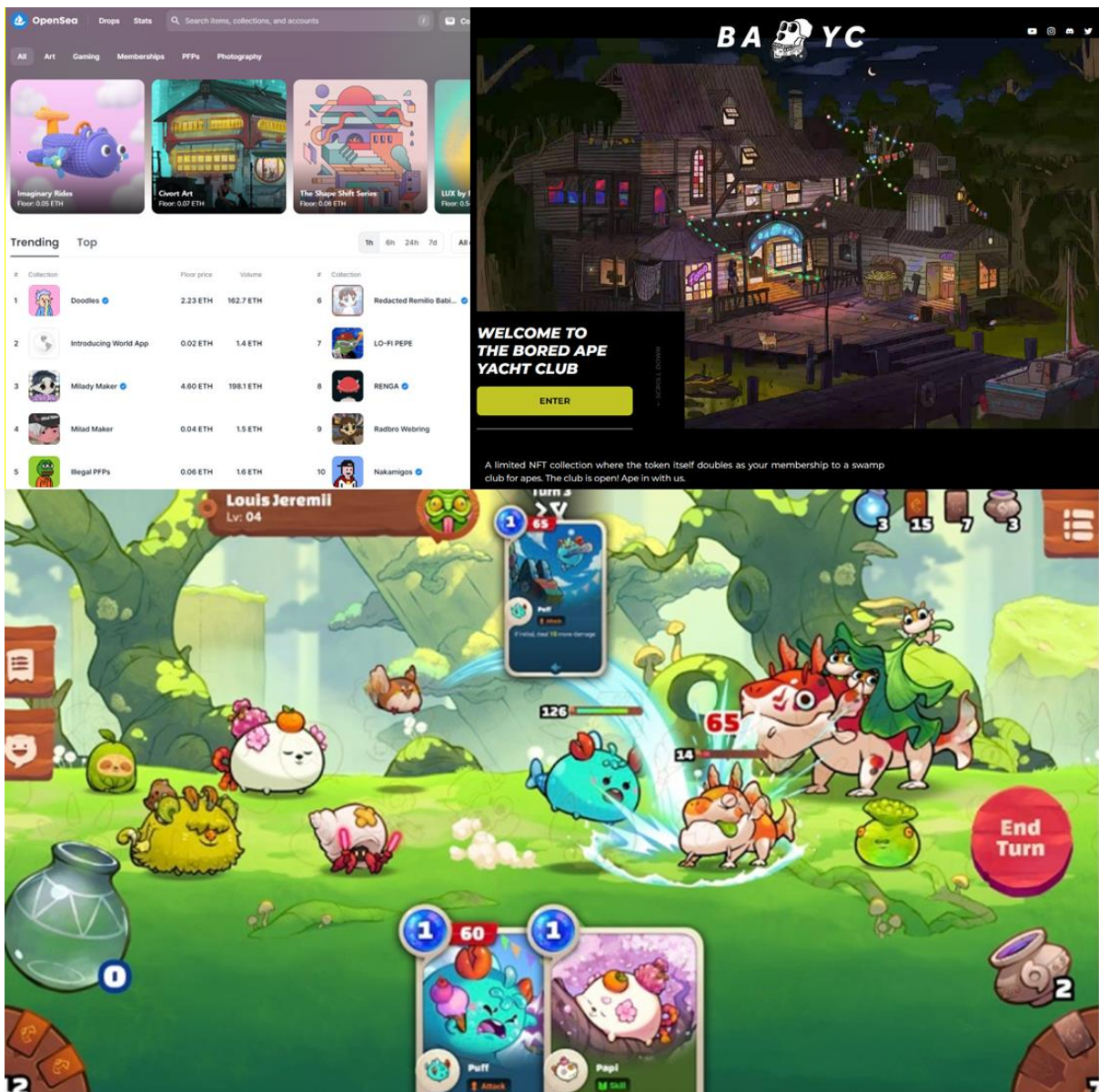
Figure3. The emergence of various blockchain services (clockwise from top left, OpenSea, Bored Ape Yacht Club (BAYC), Axie Infinity).

With this increase in cryptocurrency trading users, a variety of capital is entering the crypto-financial market, and users who are not familiar with specific blockchain technologies or services are rapidly entering the market for investment.

2. Cryptocurrency trading is still difficult

Even before cryptocurrency, the existing financial market has been rapidly digitized under the name of digital transformation or fintech, and most transactions are carried out through web services and apps, as 90% of the money issued in institutional finance does not actually exist, but is recorded

and managed as numbers on a server. In particular, with the introduction of simple payment services such as Samsung Pay, Apple Pay, Alipay, etc. around the world, many financial services such as payments can be easily accessed by scanning QR codes or contactless authorization using NFC.

However, crypto financial services that claim to be decentralized and apply blockchain technology still have a problem that the process and UI/UX are still difficult for general users to access or use.

The process and UI of using the service, such as creating a cryptocurrency wallet, accessing the service through the wallet, calculating the market value of the cryptocurrency, and exchanging or depositing the cryptocurrency, is still a long way from the existing institutional financial services.
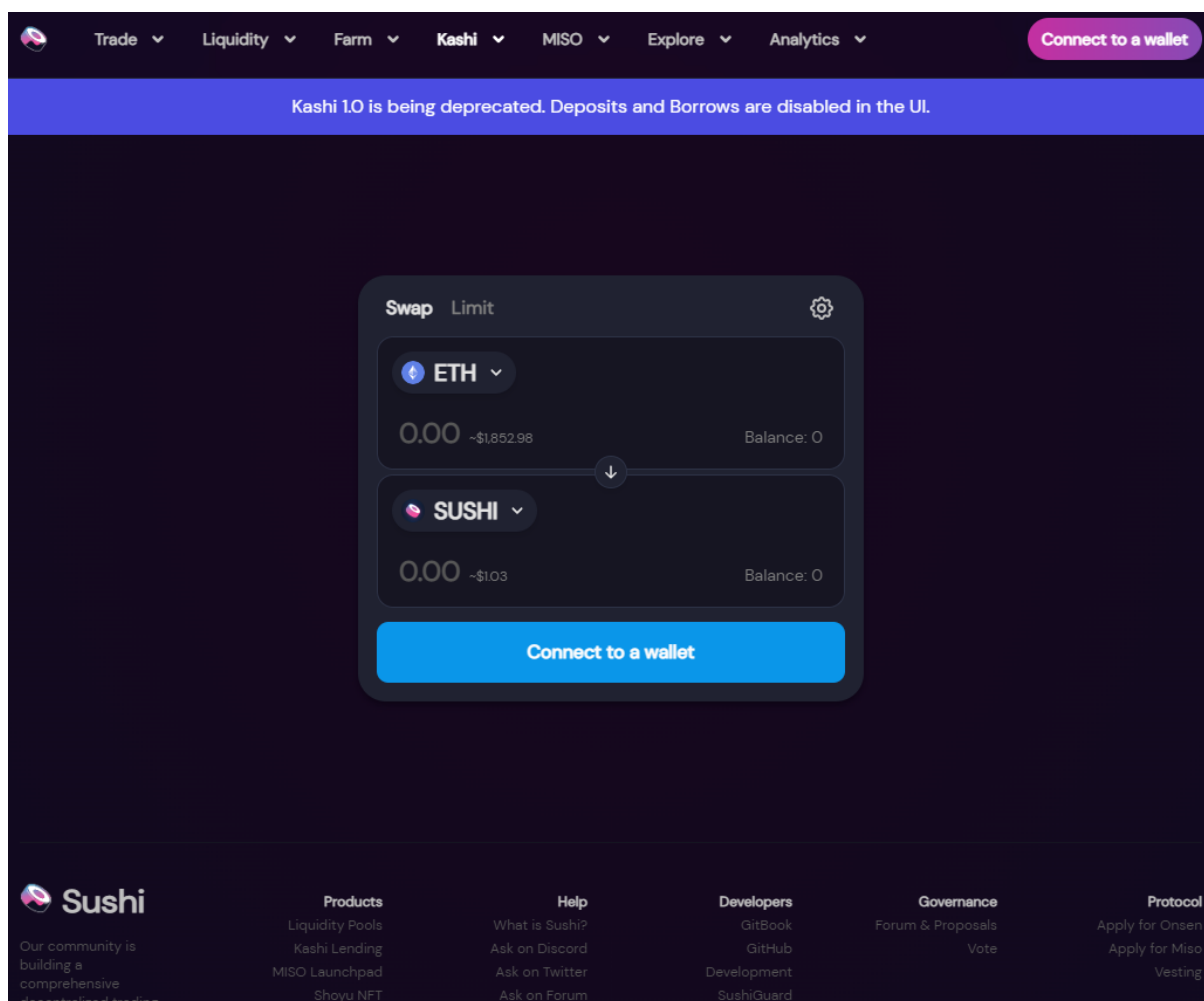

Figure4. Example of Defi access screen for crypto financial services with difficult UI/UX.

In addition, if you want to use your cryptocurrency to pay for online services, you need to convert it to fiat currency at an exchange and then pay for it, which is a major obstacle to actively using cryptocurrency financial services.

In this situation, XBITU aims to provide an easy and secure financial platform like institutional financial services, where users can easily manage their crypto assets, earn interest through

investment, and use the interest to make payments.

3. Easy and secure XBITU

XBITU is a crypto-finance platform that will be fully operational in 3Q 2023, enabling crypto service users to use services as easily and safely as institutional financial services. In the first phase, XBITU will provide a crypto wallet for users to manage their cryptocurrencies, a crypto financial service that allows users to earn profits by utilizing deposited assets, and a Visa prepaid credit card linkage service.
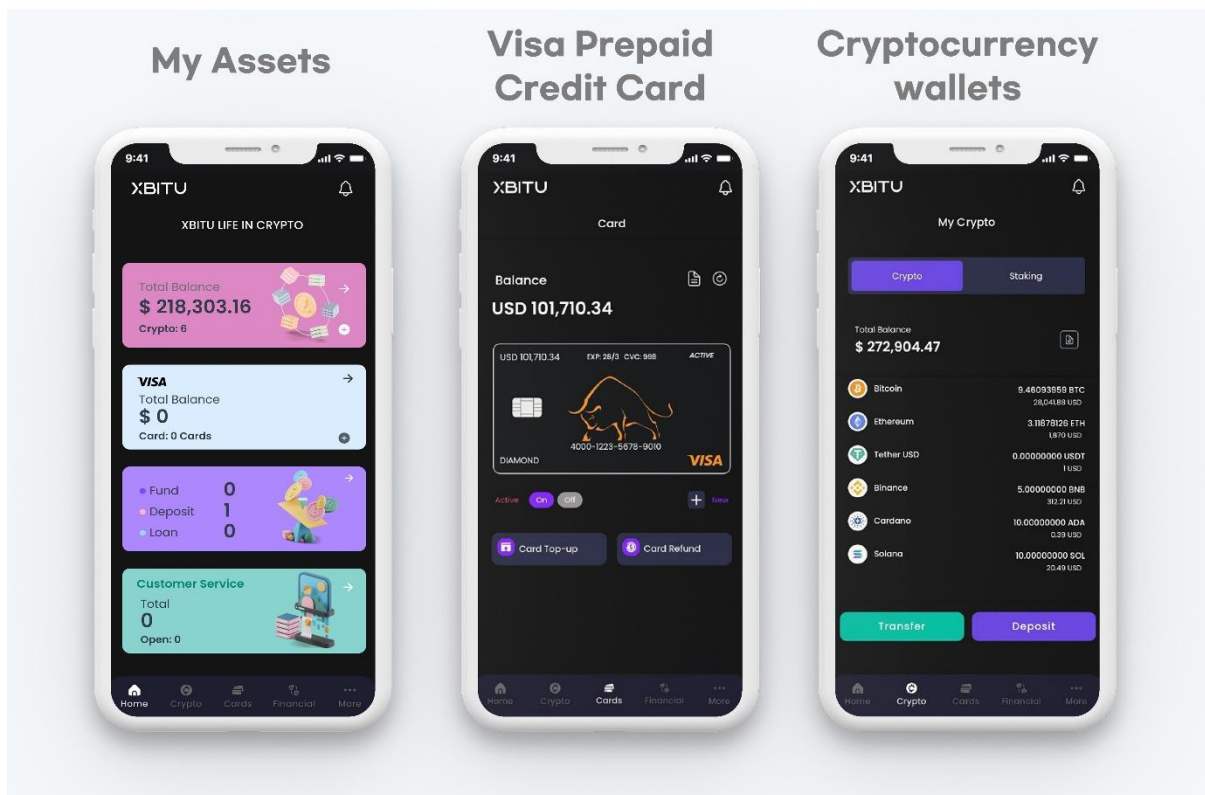

Figure5. XBITU in an intuitive UI/UX

XBITU will provide a cryptocurrency wallet that allows users to easily manage a variety of cryptocurrencies. The cryptocurrency wallet will be securely managed with Fiveblock's powerful security services.
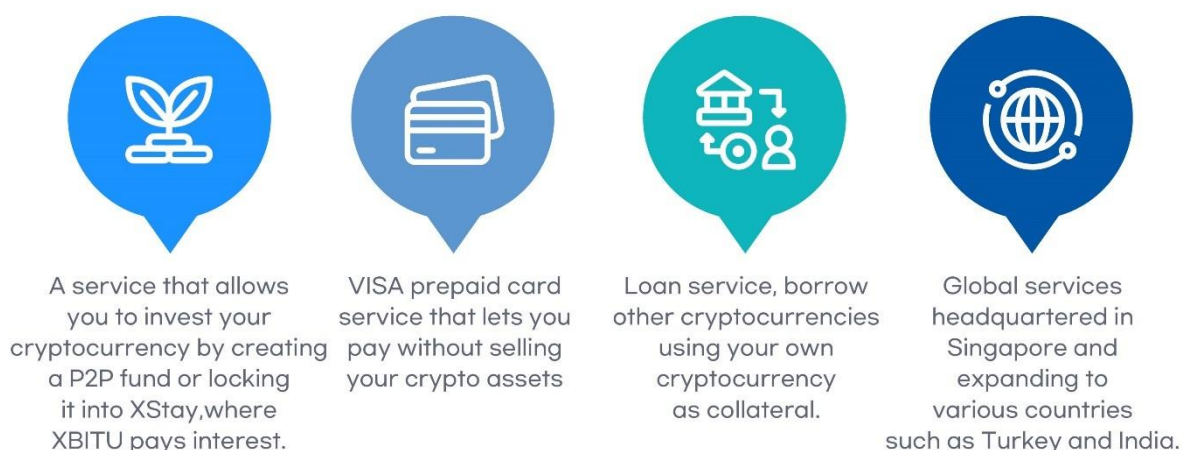
Figure6. Representative services provided by XBITU.

Instead of simply focusing on managing cryptocurrencies, XBITU will offer services that allow users to invest their cryptocurrencies, such as putting them into peer-to-peer funding or locking them into XStay, where XBITU pays interest.

The company will also offer a VISA prepaid card service that allows users to pay for existing crypto assets without selling them on exchanges by charging interest earned from investments, and a crypto loan service that allows users to borrow other cryptocurrencies as collateral.

XBITU will be headquartered in Singapore and will expand to a global service in the future, expanding to Turkey, India, and other countries.

4. Beyond crypto storage and investment to crypto payment gateway (PG) platforms

XBITU is expanding its cryptocurrency storage/management and investment services to prepare a platform that allows users to freely pay with cryptocurrencies held on XBITU or exchanges.

If you hold cryptocurrencies, invest in them, or trade them, you may find yourself in a situation where you don't have enough fiat to pay for goods or services, and you need to sell your crypto to get cash. If you want to spend your cryptocurrency on an exchange or in a crypto wallet, you'll have to go through a complicated process.

First, you'll need to transfer your cryptocurrency to a cryptocurrency exchange wallet where you can withdraw it in your region, and then you'll need to sell it and convert it to fiat, which you can then use to pay for the transaction once you've withdrawn it and moved it to a payable account.

Figure7. Procedure for making a payment in an online shopping mall with cryptocurrency.

To solve this problem, XBITU is preparing a PG (Payment Gateway) platform service that allows you to pay directly at your favorite online shopping mall or service with cryptocurrency held in an exchange or cryptocurrency wallet, beyond the simple VISA prepaid card service.

To this end, by 3Q 2025, XBITU will prepare a PG system whereby when a user makes a payment at an online store or service with cryptocurrency on XBITU or an exchange that applies the XBITU PG platform, XBITU will pay fiat or cryptocurrency to the store.
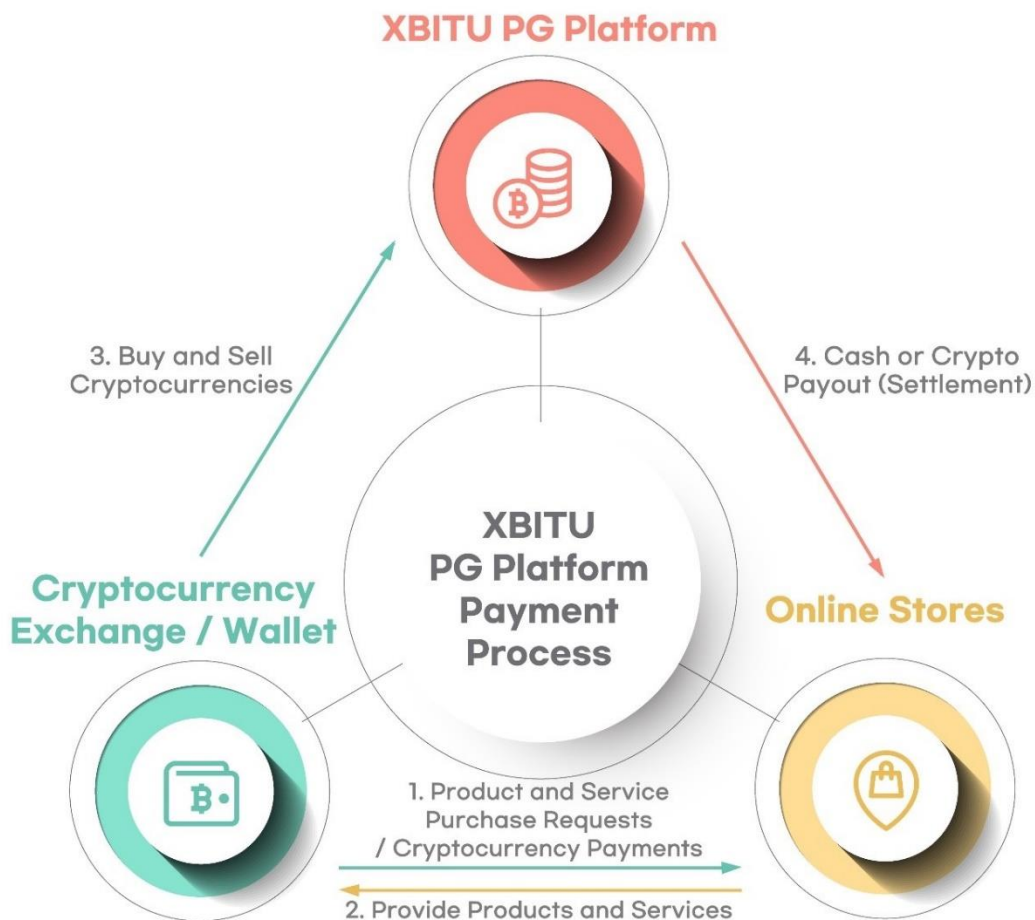

Figure8. XBITU PG Platform payment process

Once the number of users of XBITU's cryptocurrency services increases and stable PG services are achieved, XBITU will expand the application of the XBITU PG platform by partnering with various exchanges and cryptocurrency wallet services that hold or accept cryptocurrencies in addition to XBITU to help many cryptocurrency holders around the world easily access cryptocurrency payment services.

2. Crypto to my real life, an introduction to the XBITU platform

1. Various services provided by XBITU

XBITU is a cryptocurrency financial platform that allows you to store cryptocurrencies safely, invest or lend cryptocurrencies easily, and provides easy and intuitive UI/UX wallets and financial products.

1) Key features offered by XBITU
XBITU supports a wallet for managing various cryptocurrencies and a Visa prepaid card service for easy top-ups and payments.

①　Cryptocurrency wallet: Supports a wide range of cryptocurrencies, so you don't have to install and manage multiple wallets at the same time

Figure9. XBITU cryptocurrency wallet and a list of supported coins.

② Visa Prepaid Card Support: You can load up your crypto investments with interest earnings and easily use them to make payments via a Visa prepaid card. You don't have to sell your crypto to an exchange, cash it out, and then move it back to the account linked to your debit card to get credit.
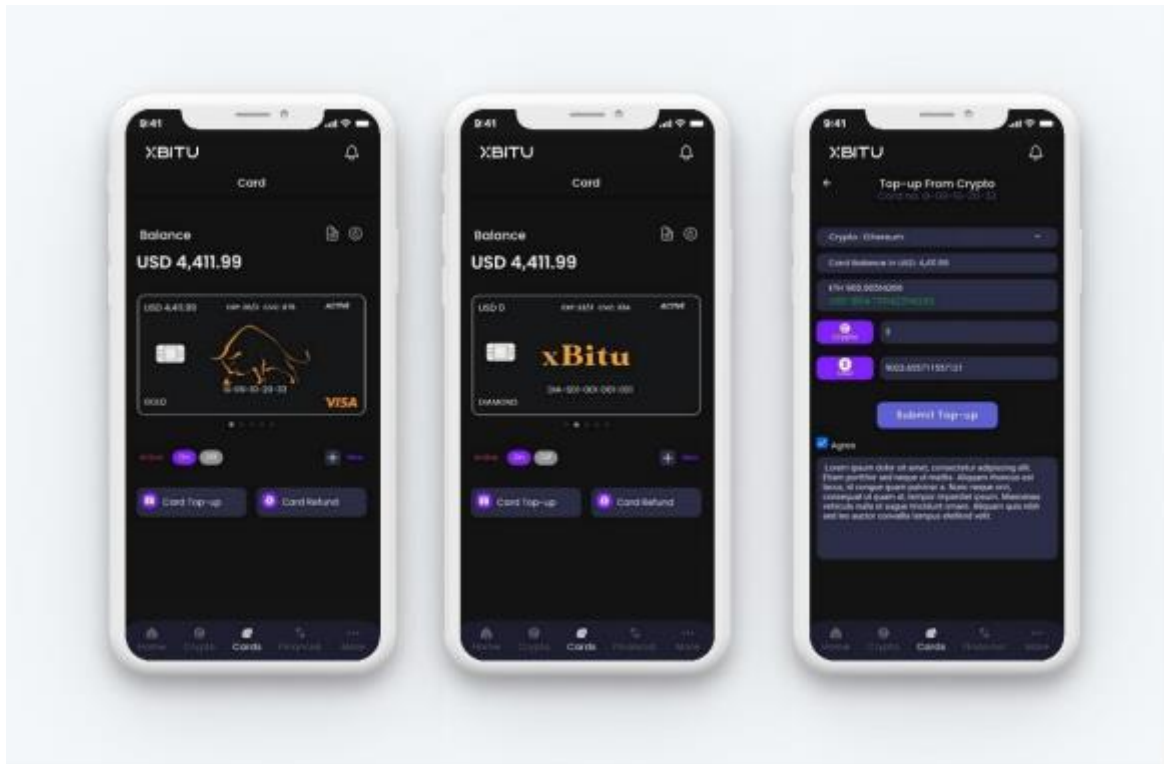

Figure10. Visa Prepaid Card Redemption Screen.

2) Main crypto investment products offered by XBITU

It is not just a wallet service for storing cryptocurrency, but also a financial service that allows you to easily borrow cryptocurrency or invest in cryptocurrency using the cryptocurrency in your wallet as collateral, without going through other exchanges.

① Cryptocurrency lending: Provides the ability to securely and easily borrow cryptocurrency in your wallet as collateral, and supports traditional lending or peer-to-peer lending.
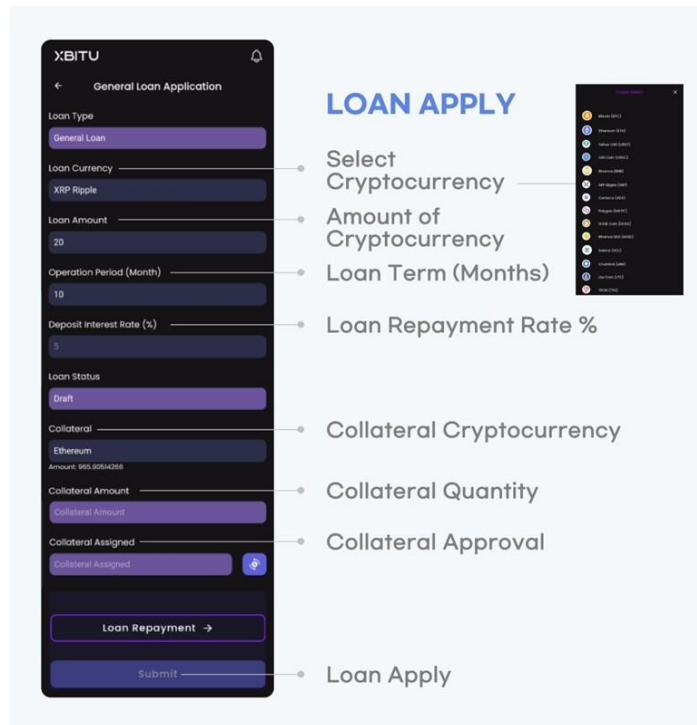
Figure11. Cryptocurrency lending screen.

② Cryptocurrency investment: Provides the ability to easily lend cryptocurrency or invest in specific funds, earning variable or fixed interest depending on the type.
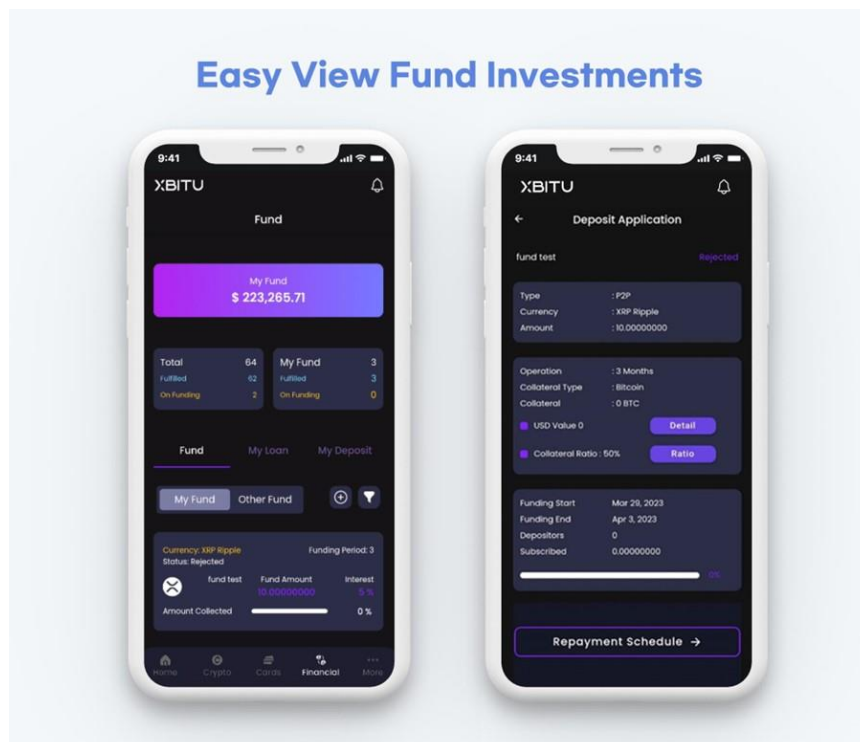

Figure12. P2P Fund investment screen.

2. Secure and reliable XBITU

XBITU not only applies strong security technology to ensure that users can use it safely and securely, but also prepares legitimate licenses.

1) Get a variety of affiliate partners
In partnership with VISA Card, XBITU will provide VISA prepaid card service, and we are preparing a strong security service in cooperation with Fireblocks. In addition, XBITU is in talks with various companies for partnership and investment to provide easy and secure crypto financial services.

2) Secure a license to provide crypto financial services
XBITU is preparing for a Virtual Asset Service Provider (VASP) license in Singapore, where it is headquartered, and will secure various licenses to provide crypto financial services.

3) Apply strong security technologies
XBITU has adopted Fireblock's powerful Multi Party Computation (MPC) technology to protect its digital assets from hacking, fraud, and forgery. This will ensure that users' cryptocurrencies are securely managed.

① Application of MPC technology: MPC is a technology that allows multiple parties, each with their own personal data, to evaluate computations without disclosing the personal data (or other relevant secret information) held by each party, and uses a method of distributing private keys for identity authentication to multiple parties in order to protect privacy.

② Fireblock's MPC-CMP algorithm: Specifically, the improved MPC-CMP algorithm developed by Fireblock enables the use of both cold wallets, which are isolated from the Internet, and warm wallets, which require additional authentication, and hot wallets, which are connected to the Internet, to quickly sign digital asset transactions and comply with the licenses issued in point 2).

Figure13.Each party holds a portion of the key, which must be combined before it can be activated with the secret key.

According to the MPC-CMP algorithm, concerns about private key theft or loss can be reduced, key recovery is easy, and if a participating party changes, it is possible to invalidate only that party's key and issue a new party's key without having to create a new wallet or move funds, thus increasing both security and convenience. XBITU distributes keys to three parties: XBITU management, registered users, and external security companies, enabling convenient and secure wallet management.

③ Separate and applicable security technologies for each product: The internal wallet policy for XBITU services (cryptocurrency as capital, staking, escrow for funds or P2P, and cryptocurrency for interest payments) is based on the separation of cryptocurrency for each product into vaults that are isolated according to the MPC-CMP algorithm, which minimizes the impact of hacking or system failures. In addition, personal wallets for users are provided in the form of software integrated into the XBITU app.

3. Cryptocurrencies supported by XBITU

In order to provide an easy UI/UX without the complexity of existing blockchain apps, XBITU supports 10 of the most popular cryptocurrencies supported by Fireblock, and plans to gradually expand the range based on customer requests. The list of cryptocurrencies that will be supported by XBITU upon launch is as follows

■ **Bitcoin (BTC)**

■ **Ethereum (ETH)**

■ **Binnacle (BNB)**

■ **XRP Ripple (XRP)**

■ **Cardano (ADA)**

■ **Biance USD (BUSD)**

■ **Solana (SOL)**

■ **Cosmos (ATOM)**

■ **Bitcoin Cash (BCH)**

■ **Stellar (XLM)**

Figure14. List of cryptocurrencies to be initially supported by XBITU.

In the future, XBITU will continue to support various cryptocurrencies on different mainnets, including the following cryptocurrencies.

■ **Tether (USDT)**

■ **USD Coin (USDC)**

■ **Polygon (MATIC)**

■ **Dogecoin (DOGE)**

■ **ChainLink (LINK)**

■ **Litecoin (LTC)**

Figure15. Example list of cryptocurrencies to support in the future.

3. XBITU Core Service Model

XBITU provides a variety of convenient financial services based on cryptocurrency, including fundraising, general lending, and crypto-backed products. You can also use prepaid reloadable credit cards linked to XBITU services.

1) Fundraising

You can organize a fund to borrow other cryptocurrencies using your own cryptocurrencies as collateral in a peer-to-peer format. Set the type of cryptocurrency to be pledged, loan period,

interest payment method, repayment type, repayment method, repayment plan, etc. and wait for approval. The cryptocurrency held as collateral (the loanable percentage can only be up to 50% of the collateral amount) is moved from the user's wallet to an escrow wallet (vault) to be held in escrow, and after the contract period ends, it is moved from the escrow wallet (vault) back to the user's wallet.
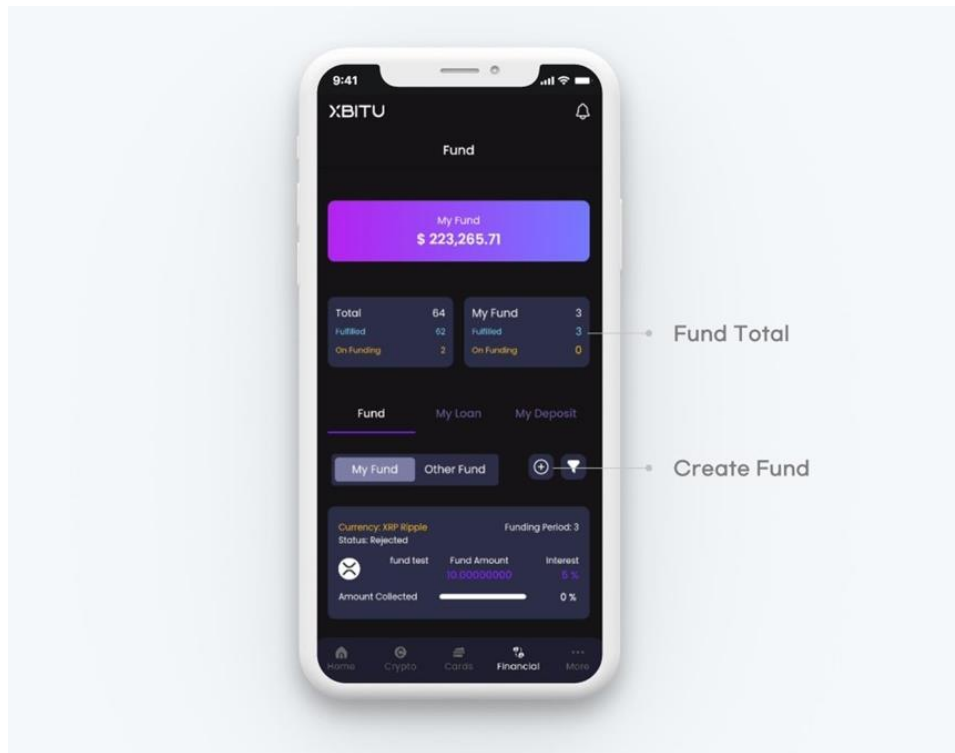

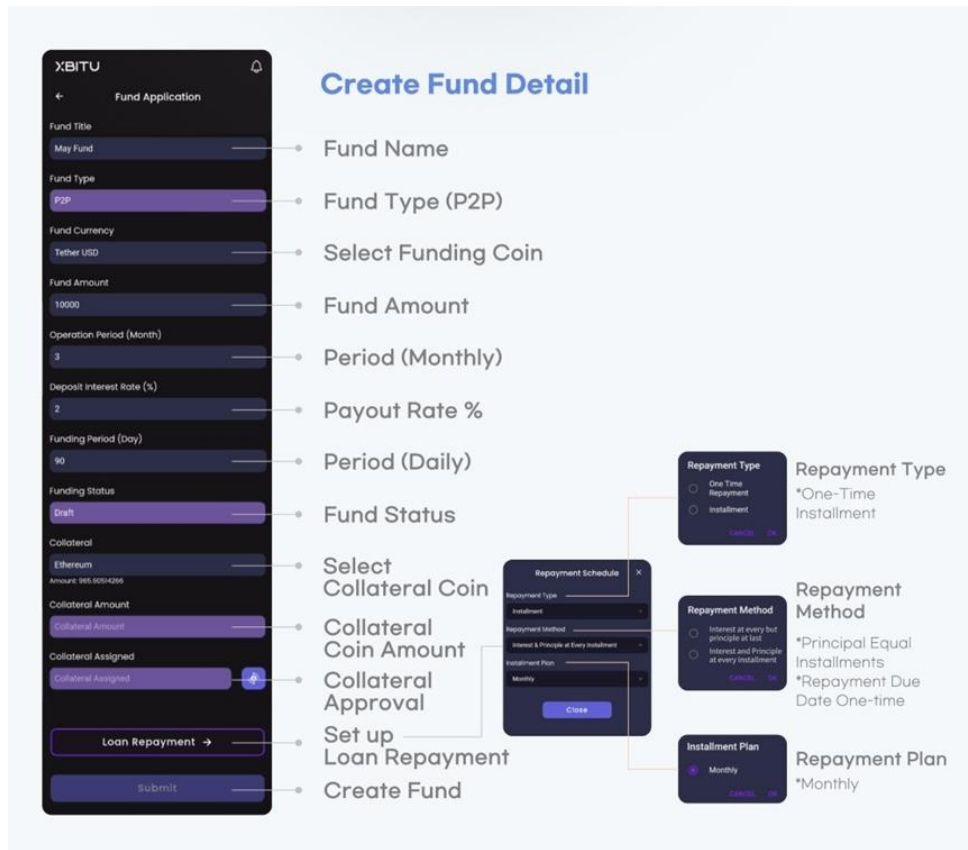Figure16. Example of a fund screen.

Figure17. Fundraising (creation) detail screen.

If the value of the cryptocurrency held in escrow drops, the user is automatically alerted at 60% and the fund creator must respond to a margin call to maintain the 50% range, and at 90% the fund is automatically closed to pay the principal and a small amount of interest.

The fund creator deposits the same type of cryptocurrency as the funded type into a designated payout account in accordance with the form of interest payment, which is automatically distributed to the fund participants, and if the promised interest is not deposited, it will be paid from the collateral.

Fund details give you a bird's eye view of your current progress, including coins raised, total funding amount, and funding reach, along with basic information like funding status, duration, and interest rate.
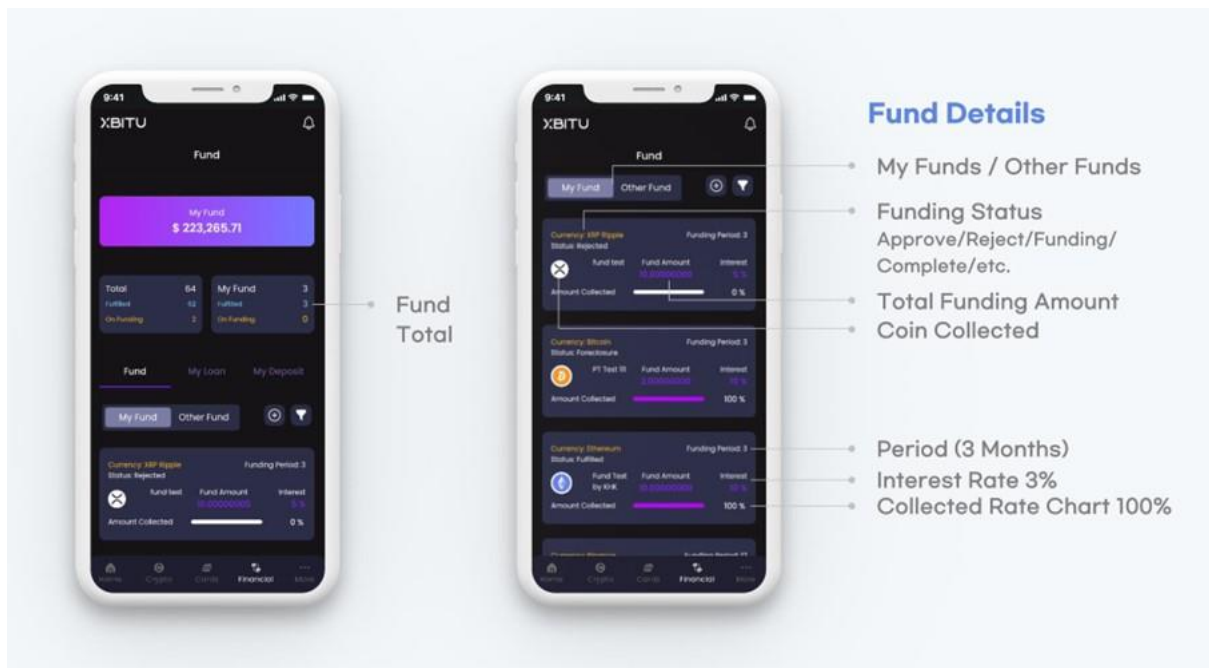
Figure18. Fund Details Screen

As a fund investor, you do the opposite of fundraising: you search for criteria, find the fund you want, decide whether to invest, and then execute.

When searching for a fund, you can utilize the search filters to specify the coin type, rate range, and funding status (see Fund Search screen below), and from the list of search results, you can view the details of the desired fund, including the coin type, total funding amount, funding status, duration, and interest rate (see Fund Details screen below).

Once you've found a fund you like, you can review the yield and return plan before signing up for the fund. Once you've finalized your agreement and made a deposit, the process is complete (see the fund signup screen below).

2) Cryptocurrency Loan

You can borrow other cryptocurrencies against your current holdings. It works in a similar way to fundraising. At the end of the loan period, you can either pay back the entire amount at once, or you can make monthly payments, with interest due every month.
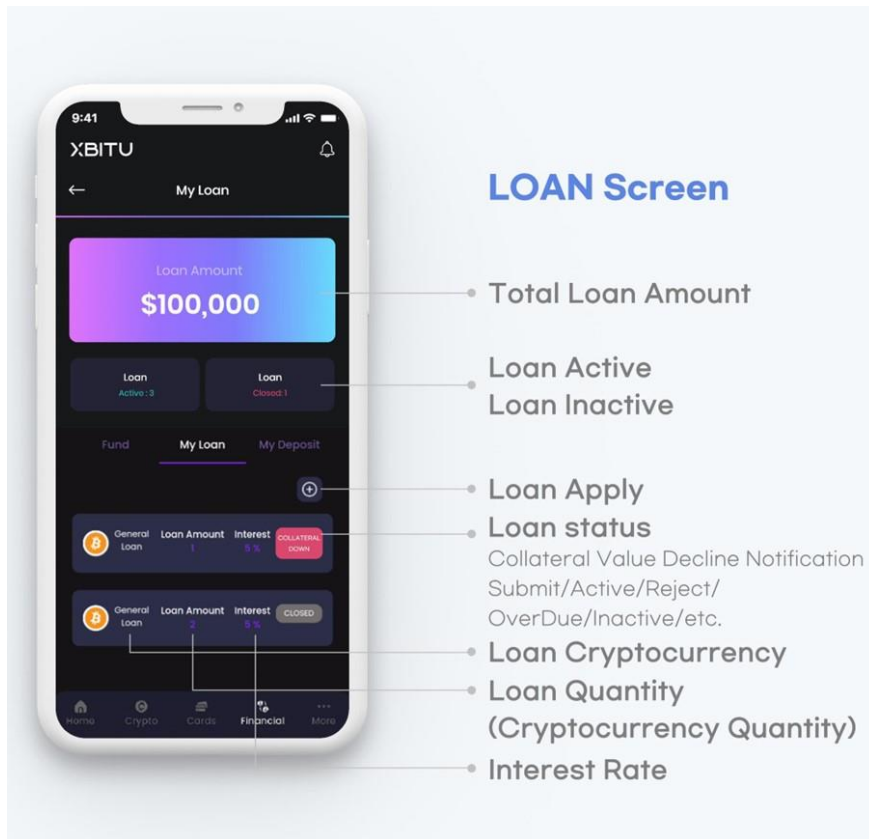
Figure20. Loan Summary Screen.

On the loan details screen, you can see all the information about the loan at a glance, including the loan currency, term, collateral type, collateral amount, principal, and interest. You can also use charts to intuitively see the collateralization ratio, as well as the interest rate and due date for loan repayment.
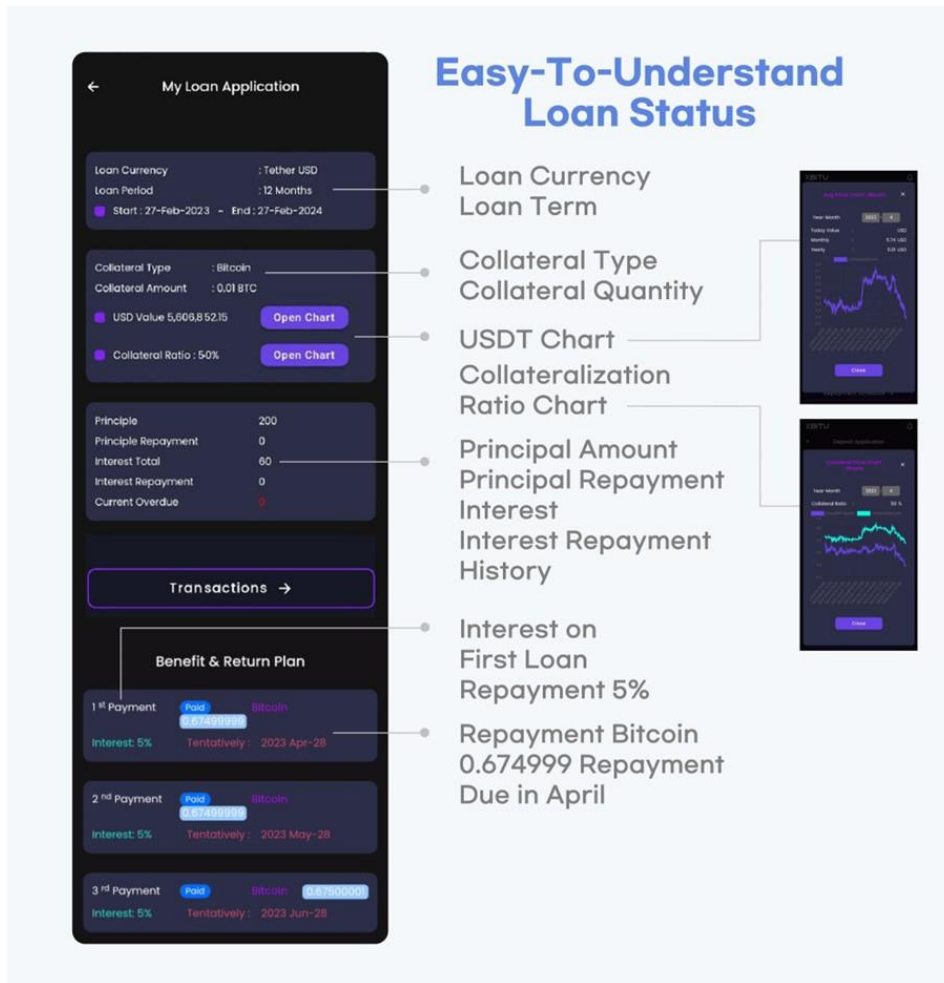
Figure21. Loan details screen.

3) XStay, a cryptocurrency custodial product

It is a product that allows you to receive a certain amount of interest during the period by storing cryptocurrency for a certain period of time. After the application is approved, the cryptocurrency is automatically withdrawn from the wallet and moved to the product wallet (vault), and is repaid with interest at the end of the holding period.

Fixed or variable term products are available, and in the case of a fixed term, redemption is not possible until the end of the contract period, at which point the funds, with a small amount of interest, will be returned to the wallet from which they were originally withdrawn. With a variable term, interest is charged on a daily basis and redemption is available on a daily basis.

One of the features of XStay is the ability to set up a prepaid reloadable credit card and charge the interest earned to the credit card. This makes it easier for investors who are familiar with traditional financial products, but not with crypto products, to not only invest, but also to quickly cash out their investment results.

To sign up for XStay, you can choose from the list of active products, set the number of coins to be staked, the type and duration of the stake, and finally agree to the contract.

After joining XStay, you can view your current details and earn rewards as needed.

4) Prepaid reloadable credit card (Prepaid, Visa Card)

One of the features of the XBITU service is that it supports prepaid rechargeable credit cards. The process of applying for a card, registering to use it, recharging it, and refunding it is all linked together.

To avoid the hassle of selling the cryptocurrency in your wallet on an exchange and then transferring it back to the account linked to your debit card, XBITU offers a service to load your credit card with the cryptocurrency you currently hold at market price. The remaining amount can be refunded back to you in cryptocurrency.

By depositing cryptocurrency in XBITU, investing it in funds, and charging the interest earned to a prepaid card, users will be able to use the prepaid card for payment services without having to sell their cryptocurrency.

The service places the card charge/refund buttons on one screen with basic card information such as card balance, card number, and credit rating, and allows you to easily switch between them even if you register multiple cards.
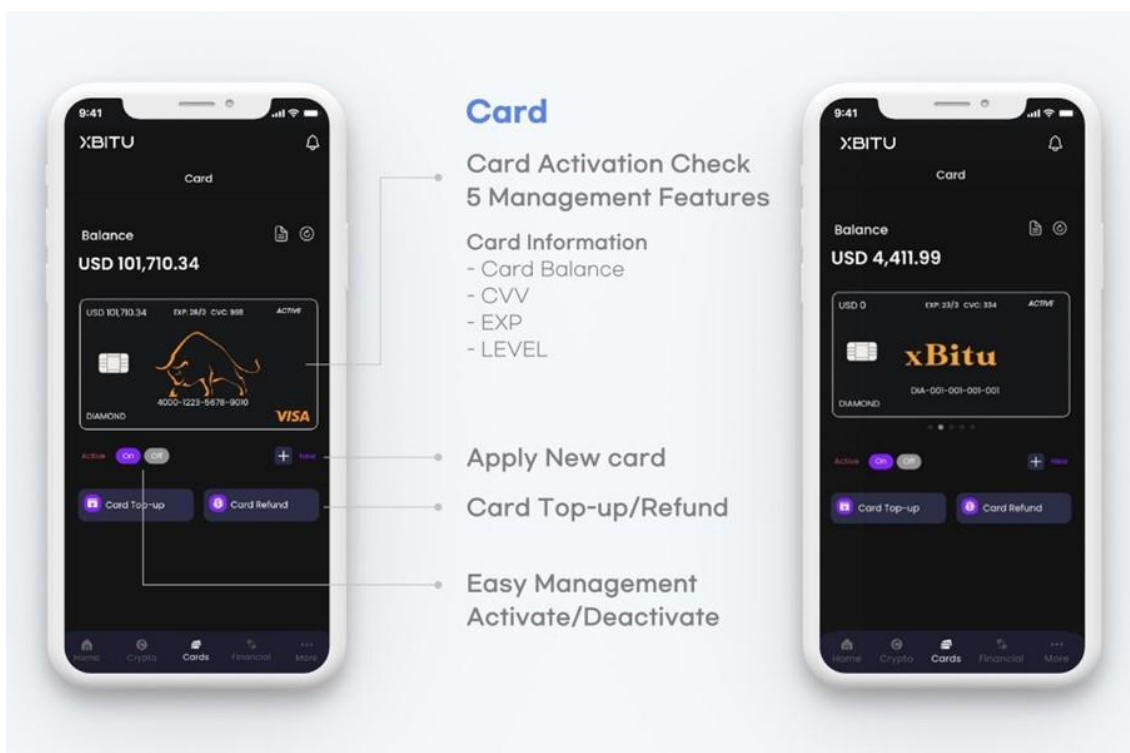
Figure22. VISA Prepaid Rechargeable Credit Card Usage Screen.

For card top-ups, you'll need to select a cryptocurrency, check your prepaid card balance, enter the cryptocurrency quantity, see the cryptocurrency price, confirm the amount and terms, and top up. For added security, you will be asked to enter a one-time password (OTP).
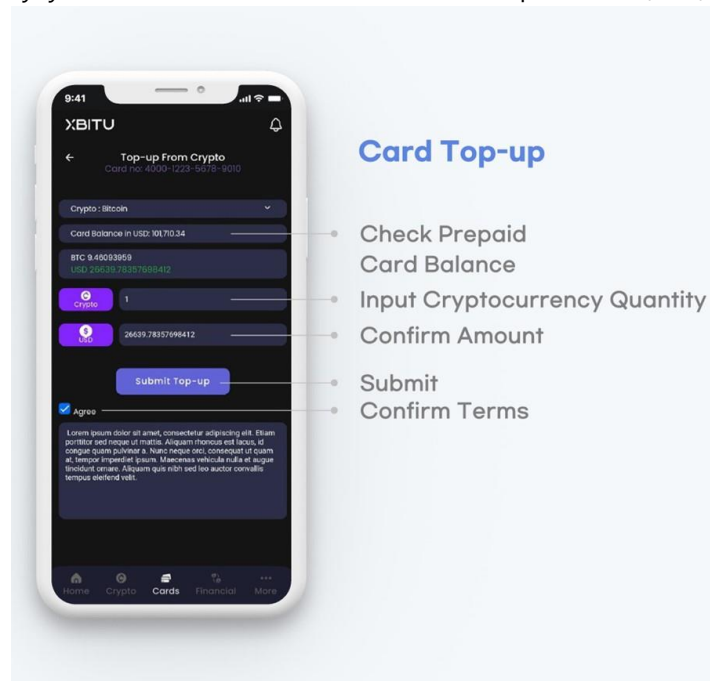

Figure23. Card Charge Screen

4. Roadmap

The XBITU service will not only provide easy storage and investment of cryptocurrencies, but will also allow users to easily make payments on online shopping malls and sites without converting crypto assets from exchanges or personal wallets into fiat currency.

2023.2Q

XBITU Crrypto Bank Launch
* P2P Fund
* Xsaty
* Wallet
* Visa Card Payment

~2024.1Q

* Add Coin
* Add Card (MasterCard, UnionCard, etc.)
* Expand Service Countries
* PG (Payment Gateway) Plarform PoC

~2025.2Q

* Add Coin
* Expand Service Countries
* Launch XBITU PG Service within XBITU

2025.3Q~

* Enhance XBITU Crypto Bank Service
* Expand XBITU PG Platform Service
  to Exchanges/Wallets
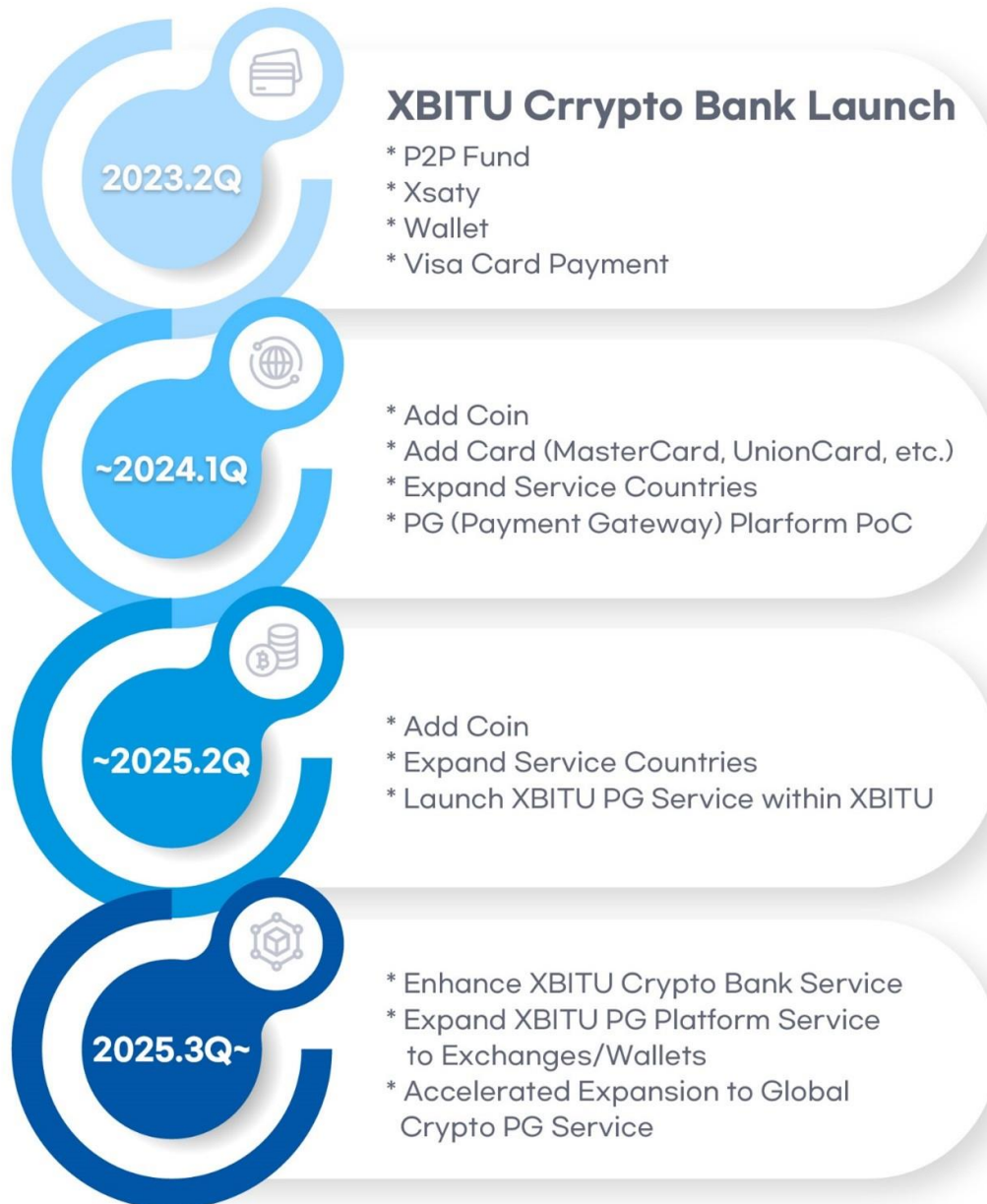* Accelerated Expansion to Global
  Crypto PG Service

Figure24. XBITU Service Roadmap

1. Phase 1: Open XBITU service and acquire users (2023.3Q - 2024.1Q)

XBITU is scheduled to launch its service in 3Q 2023, and its primary goal is to attract more users to hold and invest in cryptocurrencies with its easy and comfortable UI/UX, safe and secure services, and VISA prepaid card service.

2. Phase 2: Expanding the service (2024.2Q - 2025.2Q)

For full-scale growth, we plan to expand the number of countries and coins, and conduct promotional activities. In addition, in order to activate the PG service, which is a long-term vision, we will first test the PG service for XBITU users and some online services.

3. Phase 3: Full-scale expansion of the XBITU PG platform (2025.3Q~)

After completing the testing of the PG service with the stable user acquisition of XBITU, we plan to expand the cryptocurrency PG service by contracting with other exchanges and other wallet services in earnest.

Appendix. Token Economies

Cryptocurrency lending and staking services require the active participation of mainstream investors. Of course, profits from crypto lending and staking services are important, but there is also a need to share the common benefits of the XBITU ecosystem as it expands. Therefore, we will create a token to distribute the profits generated by increasing transactions in the future and pay them out according to their contribution.

1. overview

Token Name : XToken   Symbol : XTO   Token Standard: BEP-20

Total Supply : 100,000,000 XTO   Chain : Binance Smart Chain

XToken is a token that allows users to receive interest income from the cryptocurrency financial platform XBITU.

A total of 100,000,000 tokens will be issued, and upon the launch of XBITU's service, users will receive a share of XBITU's proceeds based on their token holdings.

2. distribute tokens

A total of 100,000,000 tokens will be issued, of which 50% will be held by the company (XBITU), 25% will be distributed to users providing initial liquidity, and 25% will be sold privately to raise funds.
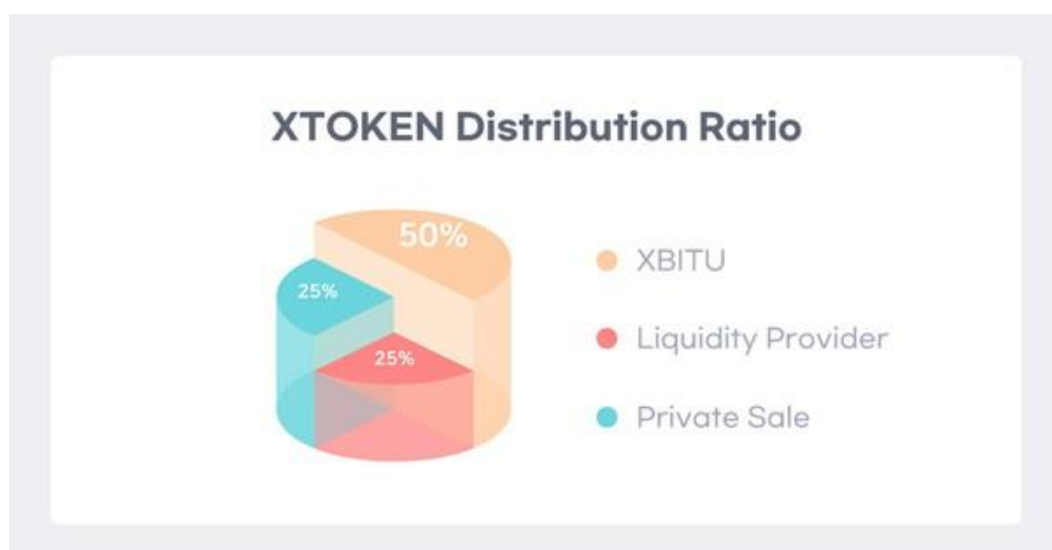

Figure26. XToken distribution ratio.

Token holders will receive a revenue share from XBITU based on their token holdings, and XBITU will distribute the appropriate profits to token holders as transactions occur.

3. XToken's revenue sharing protocol

1) Earnings for XToken holders

With the launch of XBITU, when the platform realizes fee and interest revenue, 50% of the revenue is automatically transferred and credited to Xwallet_Income, the XToken profit sharing wallet. Revenue is transferred directly to the cryptocurrency earned from fees or interest on each product or transaction. For example, Ethereum profits from trading are transferred and credited to the Xwallet_Income wallet corresponding to Ethereum, and BNB profits are transferred and credited to the Xwallet_Income wallet corresponding to BNB, if the P2P funding generated fees in BNB.

2) Calculate and distribute revenue

The distribution proceeds of XBITU accumulated in Xwallet_Income will be distributed to each XToken owner in the following process.
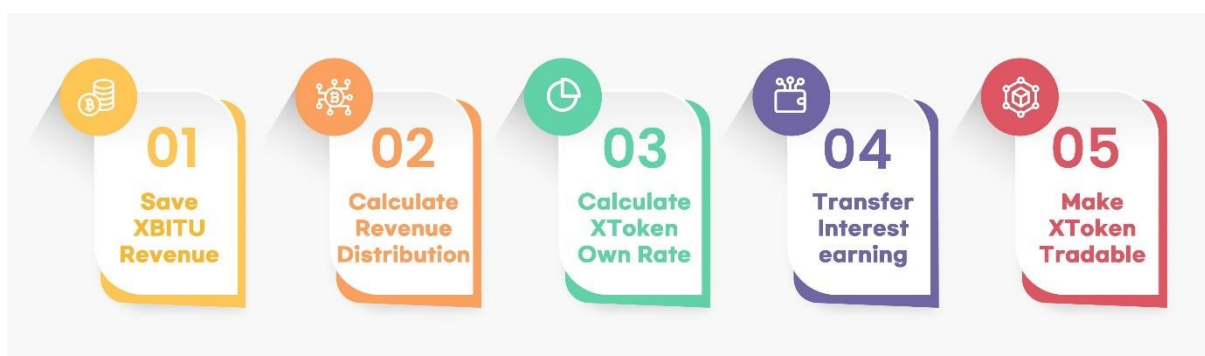

Figure27, XBITU's token allocation process

①   Revenue distribution cycle

●   Revenue shall be distributed every 90 days, but any change in the distribution frequency shall be announced to token holders 30 days in advance.

②   Determine how much revenue to distribute

●   Earnings to be distributed are based on the amount accumulated in Xwallet_Income by 23:00 UTC 2 days prior to the earnings distribution.

●   Transfer the earnings from Xwallet_Income to the Xwallet_sender account at 23:00 UTC 2 days before the earnings distribution.

③ Determine the percentage of revenue to be distributed

- As of 23:00 UTC 1 day prior to revenue distribution, the amount of tokens held in the XToken wallet on XBITU determines the amount of revenue to be distributed.

④ Shared revenue

- Distribute earnings at 23:00 UTC on the scheduled earnings distribution date.

- Revenue is transferred from the Xwallet_sender account to each token owner's XBITU cryptocurrency wallet.

- Your earnings will be transferred to the same cryptocurrency type that you have in your earnings account, such as Ethereum or Bitcoin.

3) Transfer ownership of the token

XBITU may transfer ownership of XTokens to other users in the future, and when you transfer ownership of XTokens, you must register a new wallet to receive revenue from XBITU and apply for a change to this wallet to reflect your ownership. XBITU does not provide a separate platform for payment and transfer of XToken value, and the XToken owner can receive payment from the user to whom the ownership is transferred and transfer the corresponding XTokens in any way he or she wishes.

4) Provide a token interest earnings dashboard

To accurately measure the value of XTokens in the future and support seamless ownership transactions, XBITU will provide a cumulative revenue distribution report for XToken owners to view.