Birb

Birb Ecosystem Whitepaper
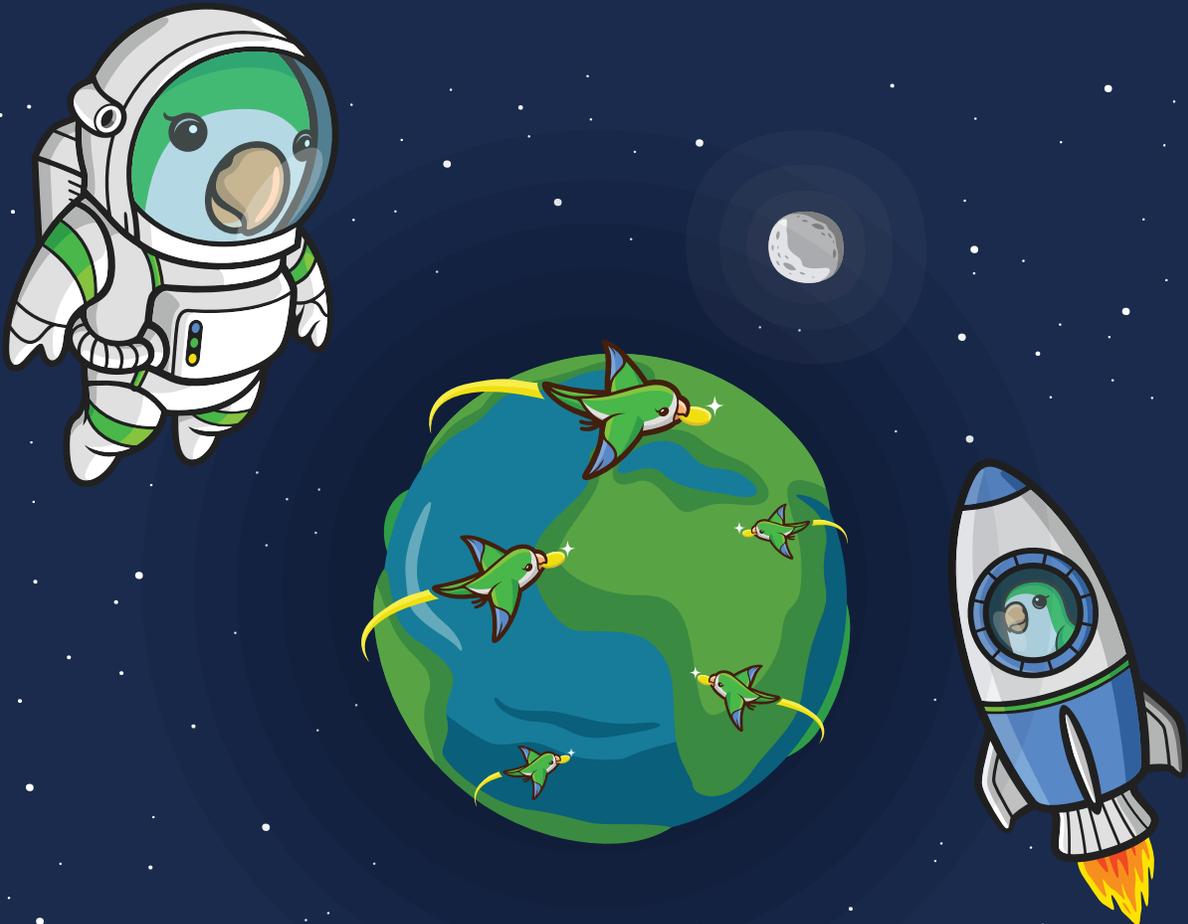
Written by the Birb Development Team

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Introduction

Over the years, people have had to deal with the inadequacies of the traditional finance system. Notably, the centralization of the traditional finance system has affected the way people access financial services. Among others, the inadequacies of the finance system led to the Global Financial Crisis of 2008. Despite the prolonged effect of the crisis, the traditional financial system has done nothing to improve consumers' accessibility. Consumers often have to leave their funds to bank administrators, pay an excessively high maintenance fee or transaction fee, deal with middlemen and even lose their privacy/data to hackers who manipulate the centralized server. Hence, decentralized finance was introduced as a revolutionary approach towards the inadequacies of the traditional financial system.

Being powered by blockchain technology, the decentralized finance system challenges the centralized system by providing a means through which users can maintain control over their assets and interact with financial services through decentralized applications and peer-2-peer services. As decentralized financial services are built on the blockchain-based defi ecosystem, every data accrued is recorded on the blockchain and spread across nodes, keeping users' privacy intact. Amongst the use cases of the decentralized finance ecosystem is the Decentralized exchange. Just as its ecosystem, the decentralized exchange was developed as an alternative approach to the irregularities of centralized exchanges and their inbuilt wallet. As problems including centralized control of traders' funds, susceptibility to hacking, price manipulation, high trading fees, high withdrawal limit, and security flaws engulf centralized exchanges, decentralized exchanges were developed to provide a free-flowing tokenized economy that facilitates automatic investor privacy, low trading fees, transactional trust and digital assets diversity.

While decentralized exchanges are surely better than centralized ones, they tend to have low liquidity compared to centralized exchanges. As many DEX struggle with liquidity enhancement, our upcoming BirbSwap will provide a decentralized liquid exchange that provides price fairness, market stability, fast transactions, clear trading volume, and data volume for technical analysis. Aside from providing a better and secured trading experience, a decentralized exchange platform ensures that every token holder earns rewards by taking advantage of the platform features, including staking and lottery. Unlike other decentralized exchanges with restricted features, the BirbSwap ecosystem will provide a highly useable token with multiple use cases and added advantages.

Existing problems of
Centralized exchanges

Centralized exchanges are exchange platforms that facilitate the cryptocurrency trades between traders through a collection of buy and sell orders. These exchange platforms aggregate orders from users and use their software to match and execute the corresponding buy and sell orders. Hence, when users deposit on the exchange, the exchange takes ownership of the assets and issues corresponding IOUs to the trader. The exchange tracks every users' IOUs internally as they are being traded and only converts them into currency at the point of withdrawal. Although centralized exchanges provide a means through which crypto holders can invest and earn with their tokens, there has been less reliance on the platform. Centralized exchanges do not reveal their internal activities to users. They hold custody over users' funds, serve as a target for hackers, enhance malicious practices like price manipulation and wash trading, and suffer from technical issues that lead to lost trade opportunities.

Lack of Transparency:

Centralized exchanges do not reveal internal procedures to traders, thus giving room for the possibilities of wash trading and price manipulation.

Custodial Platform:

Custodial Platform: One of the main aims of cryptocurrency is to restore the power over funds to the owner. However, centralized exchanges prevent that. While putting aside the purpose of cryptocurrencies, centralized exchanges control users' accounts and funds. Traders entrust their private keys to the platform, thus giving them partial control over their money.

Vulnerability to Fraud:

Holding custody of users' digital assets makes centralized exchanges susceptible to hackers within and outside the network. In 2019, the 12 largest centralized exchange platforms lost over $292 million worth of traders' cryptocurrencies to hackers due to the loops in their servers. Asides from this, centralized exchanges are also vulnerable to manipulated technical issues and coordinated attacks, causing downtime of their services and eventually lost trade opportunities for consumers.

Withdrawal Limits:

Withdrawal limits are usually imposed on centralized exchange platforms to keep funds inside. While the feature was initially incorporated as a security measure against an amount that could be withdrawn at a time, research has shown that most centralized exchanges limit withdrawal funds and keep funds locked on the exchange to maximize trading fees.
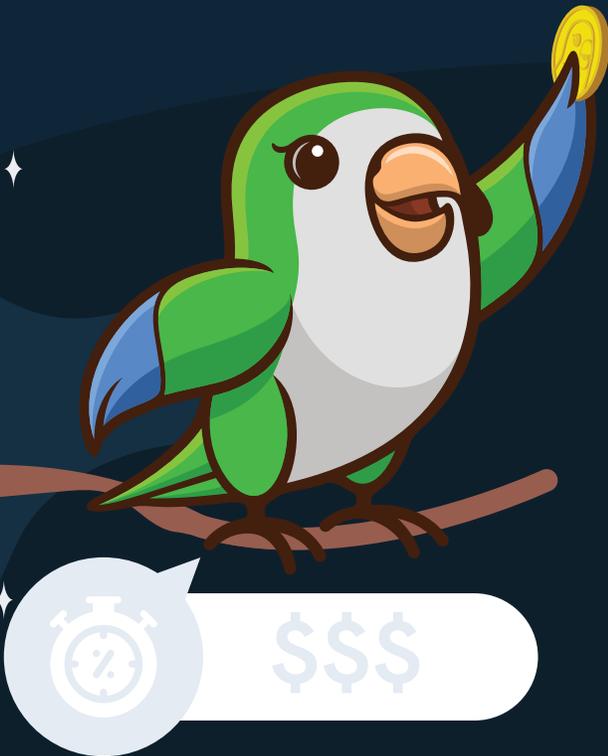
Governing Control:

Centralized exchange platforms are easy targets of control. Hence, authorized regulators can decide to seize user's funds and even force the hosting companies to release the details of users.
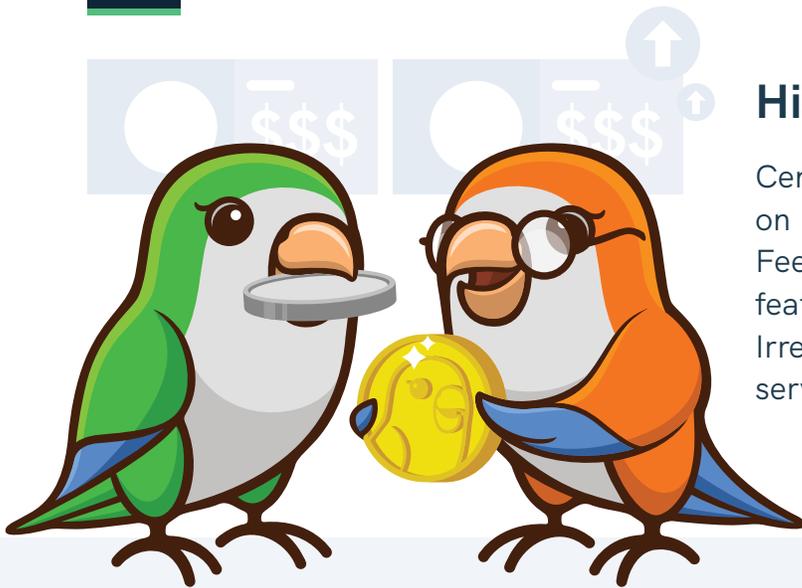
High Transaction Fees:

Centralized exchanges impose high charges on users for using the platform's service. Fees vary and increase depending on the features the platform provides to traders. Irrespective, users pay a high fee for every service used on centralized exchanges.

Decentralized Exchanges

One Defi application that sustains the ethos of decentralization is the decentralized exchange. Not only does this application preserve the traditional values of blockchain technology, but it also revives the usability of the cryptocurrency by providing new features and methods of earning more. Decentralized exchanges brought in use cases like yield farming and voting authority.
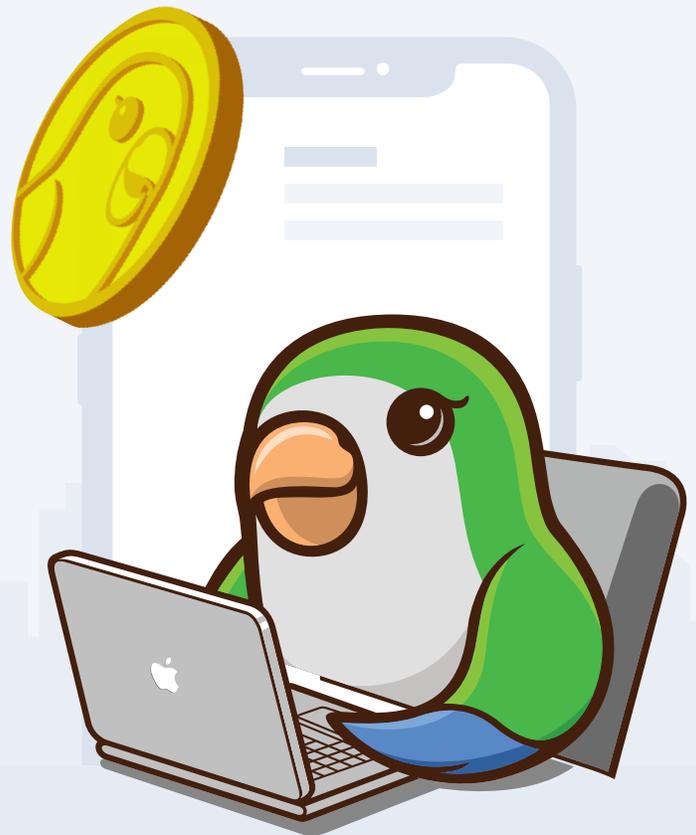
Asides from other reasons, the decentralized exchange was mainly introduced as an alternative approach to cryptocurrency trading.

As every exchange platform must have a user friendly graphical user interface, security, and liquidity, decentralized exchanges come short in none of this.

Decentralized exchanges were developed to solve the inadequacies of a centralized exchange by functioning as a cryptocurrency trading platform built on blockchain technology. Users can use the underlying token to run transactions on the network. Decentralized exchanges solve the problems of centralized exchanges by providing a secure exchange platform with no single point of failure. The exchange facilitates the complete transfer of asset ownership to owners, data privacy, and inclusivity. Furthermore, decentralized exchanges are attractive because users remain in control of their private keys. Traders interact with the exchange directly from their wallets while still retaining full custodianship of their digital assets. Although decentralized exchanges are no doubt beneficial, most of them have liquidity limitations. However, $BIRB changes the narrative by leveraging the automatic market maker liquidity protocol. By so doing, traders trade against a liquidity pool filled with other users' funds.

$BIRB Decentralized Exchanges

BirbSwap decentralized exchange is being developed as a revolutionary approach towards the inefficiencies of existing centralized exchanges. It is being developed to aid in the swift trading of BEP-20 tokens while still providing traders with full custody over their tokens.

By being on the high-performing Binance Smart Chain, the decentralized exchange enhances ultra-fast and cheap trading for users. BirbSwap decentralized exchange solves the growing problem of centralization in the exchange ecosystem by enabling a direct transfer of assets by users in its network. With its low fee structure, users can conduct trade at a fraction of the cost of Ethereum-based decentralized exchange networks. The platform's upgraded technical capabilities allow traders to complete transactions within a few seconds without divulging personal information to the network's server.

While liquidity is the main goal of every decentralized exchange, BirbSwap leverages the automatic market maker to allow traders to trade on the network without requesting permission. On the network, there is no order book to align buyers and sellers. Instead, the network uses dynamic algorithms and liquidity pools to link trading parties directly. By doing that, traders get to trade swiftly, enjoy higher speeds, faster transaction processes, and less slippage.

In the upcoming BirbSwap decentralized exchange, traders can provide liquidity in the exchange and receive liquidity provider tokens in return. By staking their tokens, the exchange rewards them in return with a proportional amount of their share in the platform's trading fees and liquidity providers' tokens. As the tokens appreciate, the pool's overall value also rises. The BirbSwap permissionless liquidity pool will allow traders on the network to earn without trading their assets directly. Every cryptocurrency holder who stakes on the network will receive the same asset as they supplied to the liquidity token. Aside from using the tokens to sustain the liquidity pool, token holders will also be able to vote on upcoming developments for the BirbSwap platform's future direction.

Birb is developing a decentralized finance ecosystem that allows coin holders to access various decentralized services while earning more with their tokens. Coin holders do not necessarily have to trade constantly to earn rewards in the community. By participating in other platform features such as yield farming, staking, and Birb Lottery, coin holders can earn rewards actively.

Why Binance Smart Chain?

The Binance Smart Chain is a functioning blockchain optimized for ultra-fast trading. Its ecosystem was developed for cross-chain compatibility with Binance Chain to facilitate an all-inclusive experience for users. While it runs in parallel with Binance Chain, the blockchain boasts compatibility with smart contract functionality and Ethereum Virtual Machine.
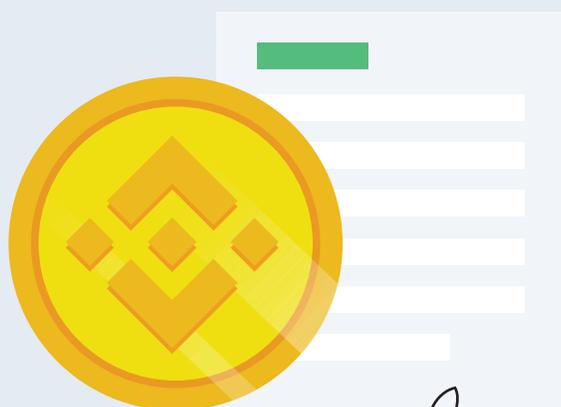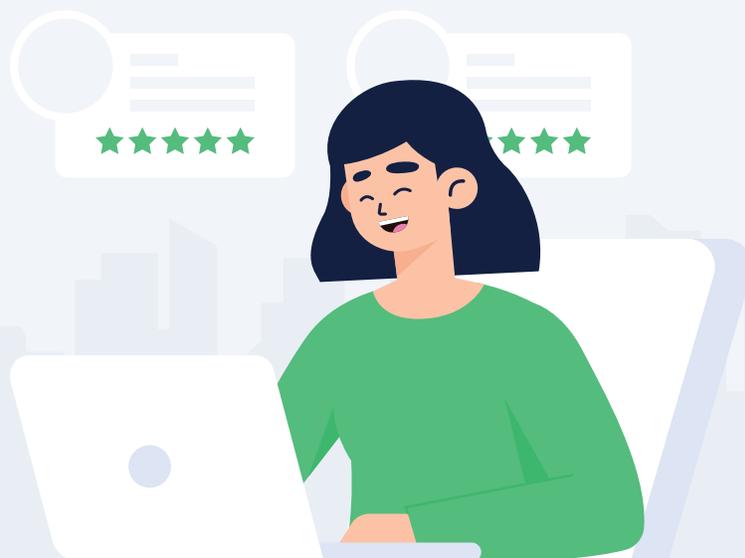
Binance Smart Chain aims to utilize the high effectiveness of Binance Chain while still leveraging smart contract features. Due to its compatibility with the Ethereum Virtual Machine, it fully supports Ethereum tools and decentralized applications.

Hence, developers who build their decentralized projects on the Ethereum network can easily port to Binance Smart Chain for an added advantage. Developers can easily configure their Ethereum application to work with Binance Smart Chain. In the Binance Smart Chain ecosystem, the Proof of Staked Authority consensus is utilized. The consensus allows participants in the network to stake BNB to become validators. These validators can propose a valid block and receive transaction fees from transactions done in the network. Amongst other features, the Binance Smart Chain includes a cross-chain compatibility system that allows users to transfer digital assets from one blockchain to another without friction. Furthermore, it hosts a new full-fledged environment that can be used to develop high-performing decentralized applications that can facilitate quick trade. Since the introduction of the Binance Smart Chain, different digital assets have been pegged to the platform as Peggy coins. Thus, the flexibility of the Binance Smart Chain makes it possible for various digital assets from different chains to be used in the growing decentralized finance space. The Binance Smart Chain exhumes high performance through its combined Proof of Stake Authority (PoSA) – Delegated Proof of Stake and Proof of Authority. Its consensus algorithm is built on a network of 21 validators which produce a block every 3 seconds. This feature helps to improve the speed of the defi protocol built on it. Hence, $BIRB was developed on the Binance Smart Chain to leverage the chain's high performance, cheap transaction fees, easy integration mechanism, cross-chain asset transfer, and accessibility to multiple use cases.
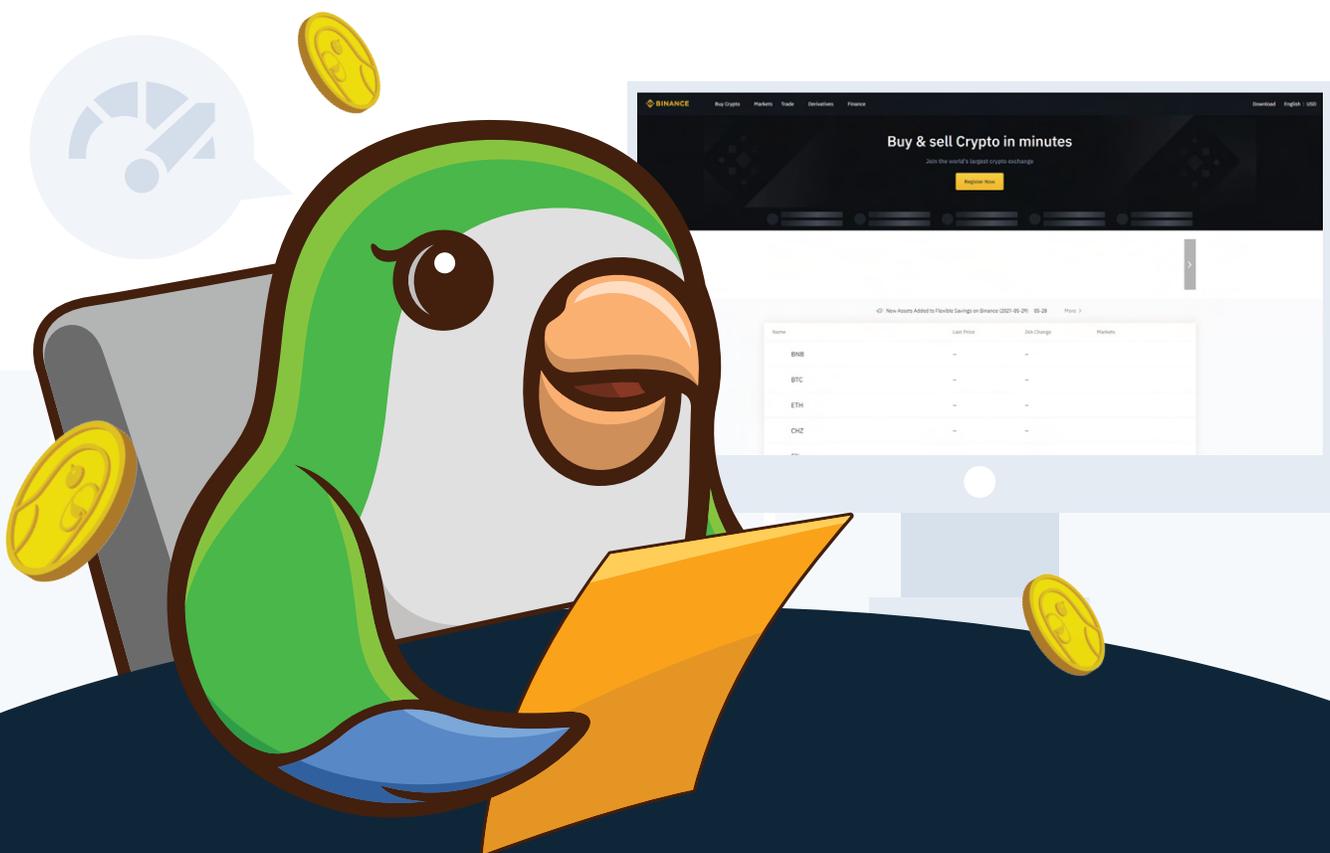
$BIRB Dex
Yield Farming

To facilitate trade on the upcoming BirbSwap decentralized exchange, the decentralized exchange will rely on the assistance provided by investors. BirbSwap will rely on a yield farming structure to facilitate fast transactions on the network. Traders contribute their tokens for as long as they want to provide liquidity to the exchange and earn daily rewards.

When a yield farmer provides liquidity to the exchange, they earn a portion of the transaction fee charged from swappers who access the liquidity. Traders can contribute their assets for a long time or a short period. However, the rewards given to farmers are dependent on how much they lend. Tokens received during yield farming can be staked for an increased reward through the staking platform.

$BIRB Staking

Unlike yield farming and liquidity providing, staking in BirbSwap is an effortless way to earn free $BIRB tokens. Staking is important to stabilize the value of $BIRB. By staking you are also placing your $BIRB tokens to secure the network (Proof-of-stake). Staking in BirbSwap has no risk and is the easiest method to earn free $BIRB tokens.

$BIRB Platform Features

Asides from providing an upcoming powerful new trading platform, $BIRB users are given access to the platforms' additional features. The Birb functional ecosystem gives all token holders full access to the features in the next page.

Platform Features
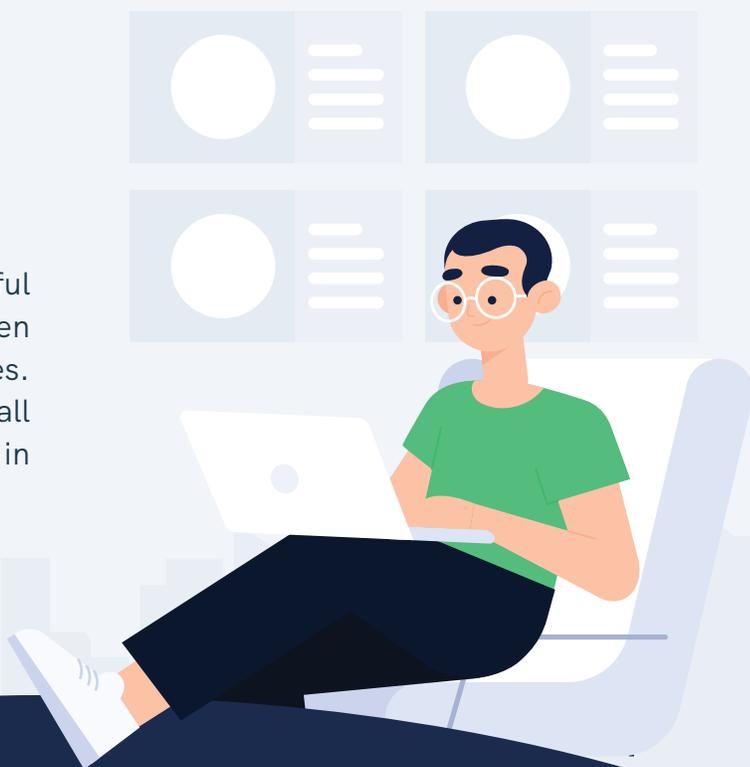
Gaming Portal:

The Birb decentralized ecosystem provides a gamified web application for anyone to play for a chance to earn rewards in a fun way. The gaming portal is powered by our smart contract. Read below to see how the gaming portal works.

$BIRB Daily Drain & Burn

Every day, 5% of the token supply in the PancakeSwap pool will be drained automatically. Any coin holder can call the action to drain the pool to gain 1% of the daily drained BIRB tokens. The pool drain can only be done once every 24hrs and only one user can call the action. Hence, participating holders have to be quick to call the action and earn some tokens. The BIRB ecosystem has termed the process of draining the pool to earn rewards as – Hatching the nest'. Hence, every coin holder is required to take their chance to hatch to earn 1% of the drained tokens. 51% of the drained coins will be burned forever, while 48% will be distributed to the top 250 holders every 3 days. The top holders will need to call the action to claim their rewards in the game portal every 3 days by clicking the (Claim Rewards) button. If a top holder forgets to claim their rewards the unclaimed rewards will simply build up and will be available to you the next time you claim your rewards.

Technical Information

Overview

The Birb Game Portal DApp will work with smart contract functions and the PancakeSwap Pool. Using our game portal is simple, but before we discuss how to play the game, we will explain what happens with birb tokens at PancakeSwap.

Every 24 hours, 5% of the $BIRB token supply on PancakeSwap will be drained. Any user can call the action to drain the pool (hatch the nest) to gain 1% of the daily drained birb coins. The nest can be hatched once every 24 hours. Only one user can call the function, so be quick, and you will have a chance to earn some $BIRB tokens!

51% of the drained coins will be burned forever. 48% of the drained Birb coins will be distributed to the top 250 holders every 3 days. A user must call the action in the game portal to receive their Top Holder Reward.

Rewarding our top holders is crucial to us, and after much thought by our development team, we all decided that the top 250 holders is an excellent choice. The team's wallets will never be part of the game, so only you can enjoy the benifits.

DApp Workflow

The workflow of DApp are as follows:

User needs to connect his wallet via Metamask, Binance Chain Wallet or WalletConnect.

- Users can request to hatch $BIRB by draining the pool as 5% of tokens present in the nest are drained daily.

- If the request has already been made, then the user needs to wait for 1 day.

- The drain pool requester will get 1% of drained tokens and the rest of the 99% will further divide into 51% and 48%.

- 51% of tokens will be burned forever and 48% will be reserved in the Birb Nest Rewards Pool.

- Rewards are then distributed to top 250 holders every 3 days. Users will have to call the claimRewards function in the game portal to recieve reward.

DApp Contract Workflow

Birb contract with PancakeSwap Integration

Claim and hatch function

Claim rewards	Unclaimed Rewards
Hatch Nest	Claimed Rewards
	TotalHatched supply

Ownership Functions

| transferOwnership | renounceOwnership |

Information and current state functions

getinfoFor	balanceOf
HATCH_RATE	HATCH_REWARD
NEST_REWARD	lastHatchTime
getHatchAmount	lastRewardTime

setPancakeSwaPool

Top Holder Function

| topHolder | updateTop250Holders |

Pause Functions

| Pause | Pauser |
| setPauser | unPause |

TranserTokenFunctions

transfer	Increase Allowance
transferFrom	DecreaseAllowance
Approve	Allowance

• The contract will be externally linked with the PancakeSwap and WBNB contract.

• When we deploy our contracts, a new PancakeSwap pool will be created and linked with our contract. We have to transfer the pool supply to our pool contract.

• Initially the contract will be in paused state, to unpause all the functionalities of contract, Owner of the contract which will be the default Pauser of contract can unPause contract with his account.

• The contract can be unPaused by calling setPancakeSwapPool function.

• After that, we need to update Top 250 Holders of token by adding their addresses to contract by calling updateTop50Holders functions.

• User can now call, Hatch Nest and Claim Rewards function using our web application and also able to see updated Leader Board.

Functions of Smart Contract

Base Function

• setPancakeSwapPool
  • This function will unPause the contract functions and set initial values

Claim and Hatch Functions

• Claim Rewards
  • This function will be linked to our DApp through which user can claim their rewards.

• Hatch Nest
  • This function will be linked to our DApp through which user can request to Hatch Nest.

• Unclaimed Rewards
  • This function will be used to see unclaimed rewards of specific address.

• Claimed Rewards
  • This function will be used to see claimed rewards of specific address.

• TotalHatchedSupply
  • This state variable will give us total Hatched supply.

Top Holders Functions

• topHolders
  • This set of addresses array will give us our top 250 holders.

• updateTop250Holders
  • This function will be used to update top

Pause Functions

- Pause
  - This function will be used to pause all contract functionalities. This function will be called by Pauser only.

- Pauser
  - Pauser is an address that will have authority to pause and unpause contract.

- setPauser
  - Owner of contract will have functionality to update pauser address.

- Unpause
  - This function will be used to unpause all contract functionalities. This function will be called by Pauser only.

Ownership Functions

- transferOwnership
  - This function will be used to transfer contract ownership to any address. This function will only be called by owner of contract.

- renounceOwnership
  - This function will allow the owner of the contract to leave the contract ownership. This function will be called by current owner.

Information and current state functions

- getInfoFor
  - This function will be used to get information about specific address.

- balanceOf
  - This function will be used to get balance of address.

- HATCH-RATE
  - This state variable will provide us the value of hatch rate.

- HATCH-REWARD
  - This state variable will provide us the value of hatch reward.

- NEST-REWARD
  - This state variable will provide us the value of nest reward.

• lastHatchTime
    • This state variable will provide us the value of last hatch time.

• getHatchAmount
    • This function will be used to calculate the hatch amount.

• lastRewardTime
    • This state variable will provide us the value of last reward time.

Ownership Functions

• Transfer
    • This function will be used to transfer token to other address.

• IncreaseAllowance
    • This function will increase the allowance to spender address that already approved by sender by calling approve function.

• transferFrom
    • This function will be used to transfer from an owner account to the receiver. This function can only be called by spender address which have the authority to access specific amount of funds of some address.

• DecreaseAllowance
    • This function will decrease the allowance to spender address that already approved by sender by calling approve function.

• Approve
    • This function will be used to approve specific funds from the sender account to spender address. Spender address will have access to the amount of funds allowed and approved by the owner.

• Allowance
    • This function will be used to get to know the state of allowed funds.
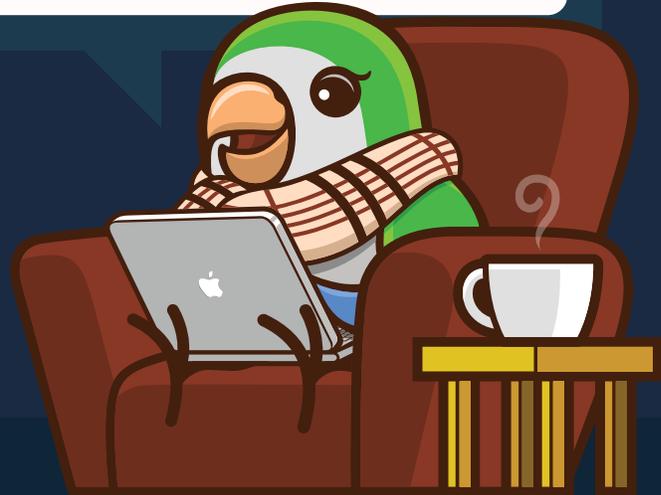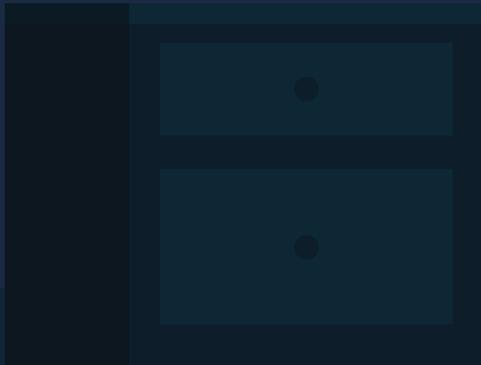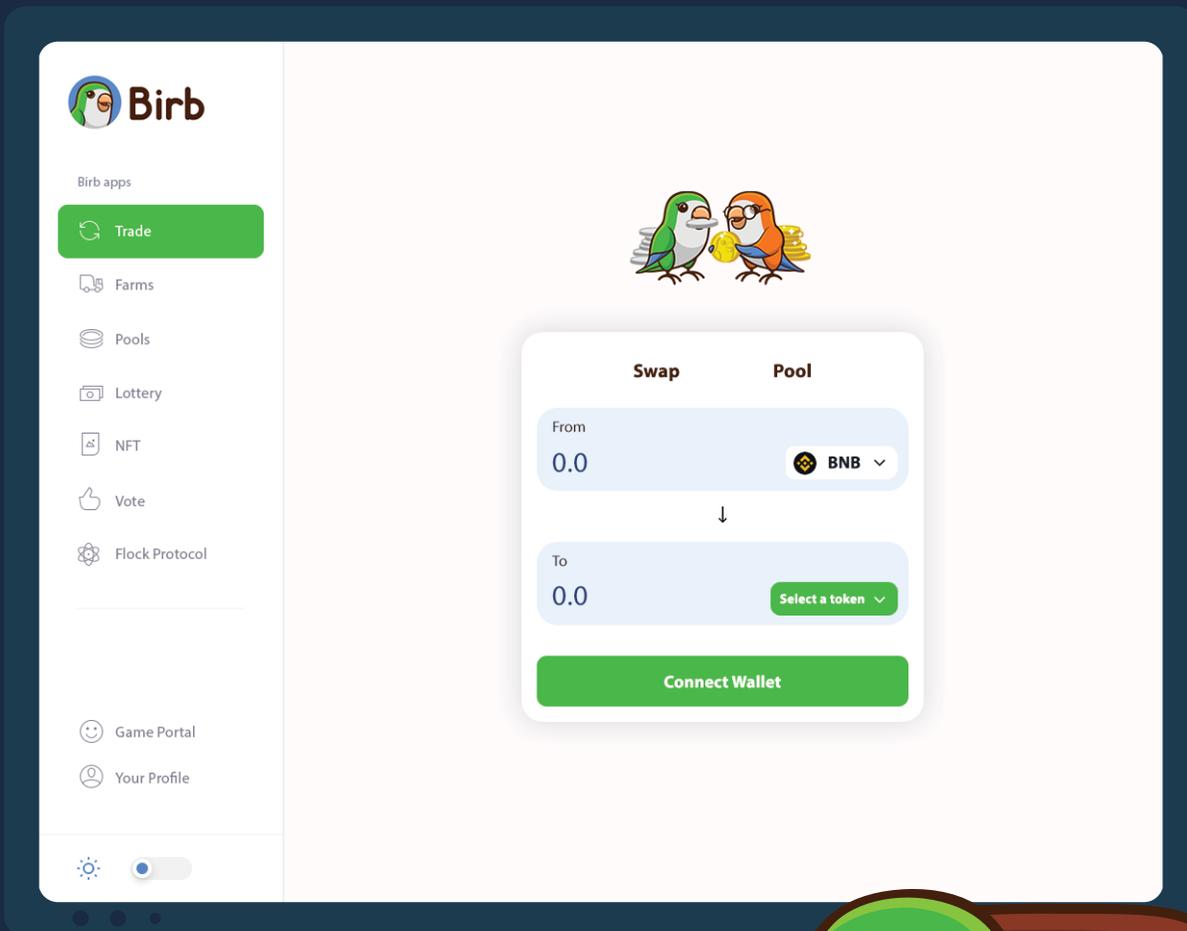
BirbSwap

The upcoming Birb decentralized exchange will allow traders to swap their BEP-20 tokens for another while still providing traders with full custody over their tokens. In Q4 BirbSwap will also come with an optional .onion Tor network page for swapping tokens on the Dark Web or Tor Encrypted sites for people interested in using the Tor browser. This version of the swap is coming in Q4 and will be a simplified version without any javascript. This is a complex process and will only be used for swapping.

BirbSend

This is another upcoming feature in the Birb ecosystem that allows token holders to send $BIRB tokens to anyone on most social media platforms. Token holders can leverage media platforms like Twitter, Telegram, Discord, YouTube, WeChat, or Whatsapp to send tokens to users through their handles.

Birb erases the compulsion related to sending tokens through cryptocurrency wallets. With the goal of easy adoption of cryptocurrencies, Birb provides an alternative for token holders. Token holders can easily donate to foundations anonymously.

Furthermore, online streamers/social media influencers can accept $BIRB token donations through Twitch and YouTube Live using our powerful BirbSend API by simply sharing your donation link with friends and family to collect donations in an effortless and streamlined way.

Our upcoming mobile app will also have a "splitting the bill" feature using $BIRB tokens which you can use with friends or family.
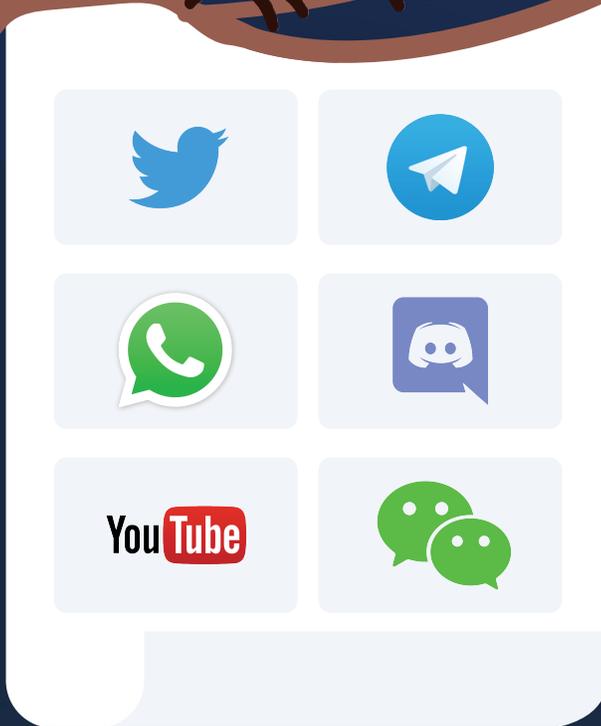
How will BirbSend work?

Each social platform will have its very own plugin/app/bot. On Twitter, for example, a user must be following the other user and the $BIRB token sender will send tokens to a Twitter user by direct message. This direct message will contain a secure link that contains a password-protected secure wallet with the $BIRB tokens.

Claiming the $BIRB tokens by the receiver will be an easy and enjoyable process. If however, a receiver does not claim the tokens our API will reverse the payment back to the sender.

Our upcoming mobile app will also have a "splitting the bill" feature using $BIRB tokens which you can use with friends or family. You can also send or request $BIRB payments from friends and family. Our main goal is to make $BIRB user-friendly yet have multiple use cases.

BirbPay

The Birb ecosystem will incorporate decentralized eCommerce payment plugins and apps to allow people to sell their products seamlessly and privately by accepting $BIRB as a payment method. By being built on blockchain technology, users can engage in transactions without being victims of scams and chargebacks. The BIRB eCommerce payment applications will allow stores to accept $BIRB tokens as a payment method. Each app/plugin will be decentralized meaning the payments will go directly to the shop owner without any third-party APIs or transaction forwarding. Users can make transactions with the token without incurring hidden charges. Our development team is working on payment plugins on several eCommerce platforms including Shopify, WooCommerce, Prestashop, OpenCart, Magento, and Bigcommerce. Unlike traditional eCommerce platforms, which require lengthy payment processes, high transactional risk, and possibilities of data loss, Birb provides a blockchain-based alternative that erases these inefficiencies to provide a better user experience. Birb will also have a merch shop where visitors can shop for Birb merch and pay with $BIRB tokens.

BirbVote

Birb is developing a fully transparent blockchain-based voting system that allows $BIRB token holders to participate in voting for the development ideas that require access to the development fund. Every token holder has the right to apply for voting concerning a specific proposal. However, the weight of the vote of each member will be determined by their contribution to the Birb community and the amount of $BIRB in their wallets. Birb is bringing a lot of value to the Defi ecosystem. Hence, there is the need to dictate the path of growth. As a community, Birb gets everyone involved in executing each development. To avoid abuse of voting power, the platform requires a minimum balance of 50 $BIRB in every participant's wallet. Furthermore, Birb will ensure that the voting process is balanced to prevent large holders from influencing the voting process.

The voting app will also incorporate a feedback and comment system to allow coin holders to comment on previous and new proposals. Our voting platform will be fully powered by smart contracts as we believe transparency and trust are key for the success of our project. Development funds will be locked, the token amount of a proposal can only be unlocked if a voting proposal is successful. The development fund will be on a multi-sig wallet and only if a vote passes can the funds be released from the development fund.

We have a team of hard-working full-time developers ready to make Birb one of the tokens with the most use cases.
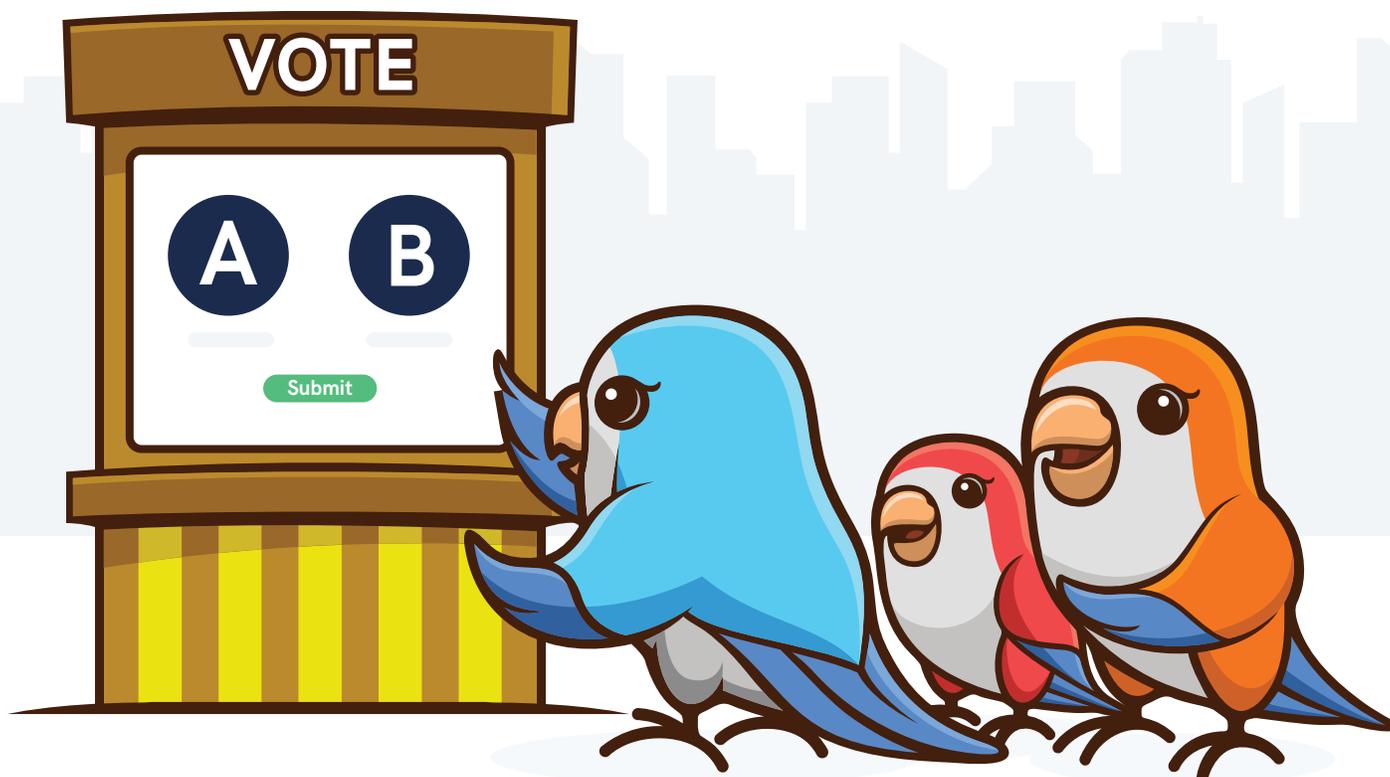
BIRB Lottery:

The upcoming smart-contract enabled lottery platform of the decentralized Birb ecosystem will allow users to purchase lottery tickets for a chance to win $BIRB tokens. To keep the lottery feature open to everyone, token holders can only purchase 50 lottery tickets at a time. When a user pays for a lottery ticket, the smart contract generates a random 4 digit code. Each digit is between 1 and 14. So a random 4 digits code could be; 1-8-5-3. Upon getting the digits, lottery pool users must match the 4 digits on their tickets in the same order to win a prize. Lottery users who match 2 or more numbers in the exact order are also guaranteed to win a prize. The cost of each Birb lottery ticket will be 1 $BIRB token.

BIRB Winning Ratio

✦ Trader matches all 4 numbers in the exact order to win 50% of the pot.

✦ Trader matches 3 numbers in the exact order to win 20% of the pot.

✦ Trader matches 2 numbers in the exact order to win 10% of the pot.

✦ The platform burns the remaining 20% of the pot.

If there are more winners in each ratio, the reward will be split among the winners. Furthermore, in a situation where no participant could match 3 numbers on any draw or 2 numbers, the allocated percentage will be burned. The BIRB lottery incorporates a lottery phase that allows users to complete a lottery session every 12 hours. Users will be able to see the lottery draw process and also see details of the final result.

BirbCharity

The Birb team gives special attention to birds, animals, and people. The Birb community and team will extend helping hands to people, animals, and ecosystems in need. This will be achieved by donating an allocated amount of $BIRB tokens to selected charities and foundations that the Birb community will vote on. Birb will also donate all proceeds from its upcoming merch store to selected charities. While there are many charities, coin holders can nominate charity organizations and vote to select the charities to benefit from the donation. The winner(s) gets the accrued funds. As animal lovers ourselves we are happy to have the opportunity to help animals around the world in need of help. Together we can all make this world a better place for animals.

NFT Marketplace:

Non-fungible tokens are tokenized digital assets representing real objects like art, game items, music, videos, and other collectibles. Each NFT on the Birb NFT marketplace will have a digital signature that makes it impossible to duplicate the NFT for another. Furthermore, an NFT can only be owned by one person. This way, NFT holders can gain control and ownership over their data.

Our team of very talented artists will be creating some fantastic and memorable limited edition collectible Birb NFTs. They will be a limited edition, and only a lucky few will be able to own them. Each limited edition Birb NFT will be one of one and come with its own hand-painted painting.

As NFTs will exist on the BIRB blockchain-based platform, buyers will be able to verify NFT ownership and easily transfer the underlying tokens between owners. BIRB NFT marketplace affords digital artists and content creators an opportunity to monetize their assets. As it stands, the cost of minting an NFT through platforms using Ethereum is exorbitant for anyone seeking to make a living out of their talent. All minting payments on Ethereum also known as 'gas fees' are in ETH. Fortunately, the Binance Smart Chain (BSC) is bridging this gap. This is the reason Birb is running on the BSC. Binance has a supportive ecosystem and a growing user base, as per the millions of users on Binance DEX and Binance.com.

FlockProtocal:

FlockProtocal will be an advanced privacy option fully powered by a Smart Contract. We want our users to have the option to remain private by obfuscating their $BIRB transactions using unique smart contract-powered algorithms to secure their identity. Our privacy feature will dissociate your identity from your transactions by adding an extra layer of privacy using a Smart Contract. It will work by blocking the senders completely from the transaction as the smart contract itself will become the sender of your transaction. A user will send an amount to the Smart Contract. The Smart Contract will send the tokens to the address(es) you choose. You will have the option to choose a random amount sent to each address equaling the total value to your desired address(es). You can easily choose the different amounts and different receiving addresses and the web application will automatically calculate everything for you. Additionally, there will be advanced timed options. Flock Protocol will allow you to send timed transactions (up to 48 hours) for each receiving address further protecting the privacy of the sender.

**How Will Our Decentralized Payment Feature Work?**

A user sends SBIRB tokens to the Flock Protocal Smart Contract. We call it Birb Master.

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With FlockProtocal the smart contract itself will send the tokens to the receiver. There will be no way to trace who the sender of the transaction is because the sender is the Smart Contract. This same feature will also be available in the upcoming Birb Wallet.

The Birb Master will now act as the sender of your transaction. The Birb Master can send tokens to multiple wallets. You also have the option to send timed transactions (up to 48 hours) per transaction.

The smart contract can send each receiving wallet a random amount. Each transaction can also be timed at random for up to 48 hours, further increasing anonymity. We believe privacy should be an option for all Birb users.

Tokenomics

Birb

Binance Smart Chain

FixedTotal Supply
100,000,000
No new tokens can be minted

Presale	Marketing
25,000,000	**6,000,000**

Development	Charity
15,000,000	**2,000,000**

Staking, liquidity & lottery rewards	**20,000,000**

Team, artists, and founders	**5,000,000**

All $BIRB wallets will be locked 90% for 1 year for trust and transparency.

Community airdrop and bounty campaign	Pancakeswap & ApeSwap Liquidity
2,000,000	**25,000,000**

Token Usage

The $BIRB token will be used to access every aspect of the $BIRB ecosystem. It will serve as the underlying currency to participate effectively in Birb web applications. Token distribution will be used to develop the fundamental aspects of the $BIRB ecosystem. As the $BIRB token will launch on Pancakeswap, the (pre-sale) funds will be used to provide locked liquidity to the platform's liquidity pool. All liquidity $BIRB tokens in PancakeSwap & ApeSwap will be fully locked. Our community, transparency, and trust are our highest priority. Gnosis Safe Multisig will also be used for any $BIRB wallets.

Tokenomics Overview

Presale/Public Sale: = 25,000,000
Presale & Public sale funds will be used for locked Pancakeswap/ApeSwap liquidity. We will first have a small presale and then a public launch on an established Launch pad. All unsold tokens will be burned after public sale.

Pancakeswap & ApeSwap liquidity (locked): = 25,000,000
After our presale, the BNB will be used to provide liquidity to Pancakeswap/ApeSwap to give value to our $BIRB tokens. Public launch will also be used for Liquidity. Liquidity will be locked for 2 years.

Staking, liquidity & lottery rewards: = 20,000,000
This is an important part of our upcoming BirbSwap. Please note that no more $BIRB tokens can ever be minted. We have this fund to provide users with incentives to provide liquidity in our upcoming BirbSwap. Our community lottery will also use this fund. 90% of tokens will be locked for 1 year to provide transparency and trust.

Development (Full time developers, community voting on developments) = 15,000,000.
The community will vote on developments and the path of $BIRB. The development fund will be on a multi-sig wallet and only if a vote passes can the funds be released from the development fund. We have a team of hard-working full-time developers ready to make Birb one of the tokens with the most use cases. 90% of tokens will be locked for 1 year to provide transparency and trust.

Team, artists, and founders: 5,000,000.
We have a team of artists, developers, support, marketing, and founders that work hard daily to make sure $BIRB is successful. 90% of tokens will be locked for 1 year to provide transparency and trust.

Marketing fund: 6,000,000.
The marketing fund will be used for centralized exchanges, influencer promotions, and community-building giveaways. 90% of tokens will be locked for 1 year to provide transparency and trust.

Charity fund: 2,000,000.
With BirbCharity the community will vote on which charity the donations will go to. All merch shop profits will be donated to https://www.birdrescue.org. 90% of tokens will be locked for 1 year to provide transparency and trust.

Airdrop and bounty campaign: 2,000,000.
This fund will be used for our launch marketing campaign, press releases, a bounty, and an airdrop campaign to attract new users to our $BIRB token.

Our main priority is transparency and trust. On top of that, we would like $BIRB to be one of the most usable tokens on the Binance Smart Chain. We plan to accomplish this with continuous developments. The $BIRB team will continue to work hard. Our team truly believes $BIRB will become a success. We are all dedicated to make Birb the next big thing.

Roadmap

Q2-Q3 Development

- ✅ BirbPay, Accept $BIRB tokens in online stores.

- ✅ BirbCharity, Helping Birds in need.

- ✅ BirbVote, Community votes on upcoming developments.

- ✅ Application to CoinmarketCap, GoinGecko and Certik Audit.

Q1

Birb Web Application ✅
– (Live on launch)

Q3

- ✅ BirbSwap, Swap tokens with ease of use.
- ✅ BirbLottery, A fun way to win $BIRB tokens.
- ✅ BirbSend, Send Coins Via popular social media platforms.

Q4

- ✅ Development of $BIRB NFT Marketplace.
- ✅ Flock Protocol, Trade tokens anonymously.
- ✅ More developments to come, this is just the beginning.

Team

Ankush Sharma
Blockchain + Full stack

Experience in blockchain development. Expert in frameworks including node.js,angular.js,react.js, vue.js, Codeigniter and Laravel.

Josue Sandoval
Web Application Developer

PuffedBirb is a front-end and back-end, web developer. UI/UX designer. I enjoy eCommerce plugin development. Yes, Jesse is my twin brother.

Jesse Sandoval
Web Application Developer

ChirpJedi is a front and back-end web and application developer. He is also an avid artist with experience in graphic design and SEO/SEM expert.

Armando
Lead Artist

All of the beautiful Birb artwork you see on our website was hand-drawn and made into vector format by our talented artist, Armando.

Linnea Houskeeper
Birb Writer, Proofreading

BA (Summa Cum Laude) in English Literature and Communications from Marywood University and MFA in Creative Writing from Lesley University.

AnonBirb
Blockchain developer

An expert in blockchain and smart contract development. AnonBirb will be working on the privacy aspects of our project, including Flock Protocol.

We give a special thank you to other team members working on marketing, development, social media, and customer support. We will continue adding more people to our team. If you have any skills you feel would be beneficial to our project please do not hesitate to contact us. We are always looking to expand our team.

Conclusion

At Birb we feel the need for innovations and creativity in the decentralization of finance is important. Mass adoption is our major focus as we intend to integrate our token into various use cases. Various financial services have been built to redefine the defi space with the wide acceptance of decentralized finance. In our quest to become a decentralized finance space leader, $BIRB is developing a highly liquid decentralized exchange to aid in a quick swap of cryptocurrencies and other exchange-based activities. Birb will also provide private transactions using flock protocol and many real world use cases. We encourage you to view our roadmap to view our full list of upcoming features. Birb's highest priority is providing our users with a secure, seamless, and easily accessible experience.