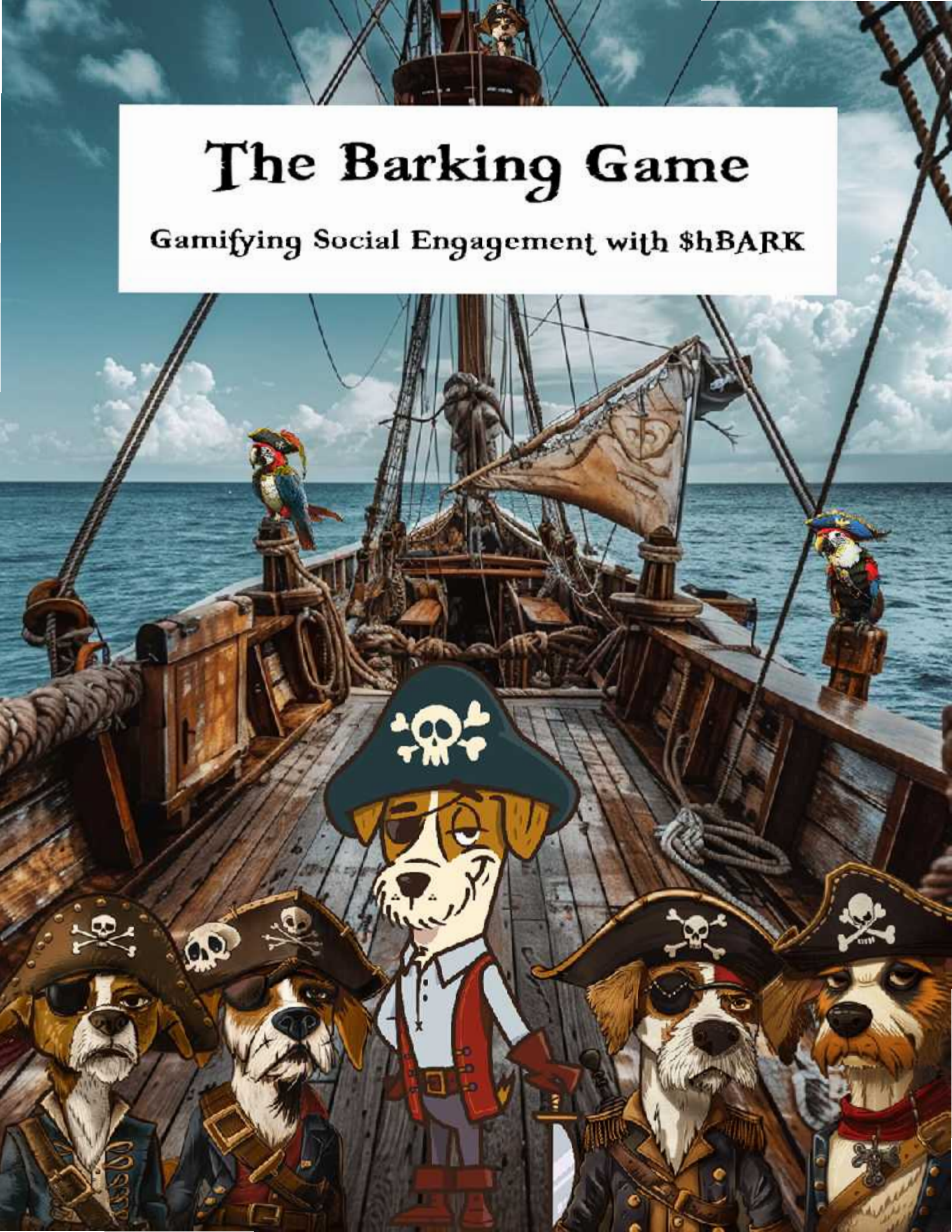# The Barking Game

Gamifying Social Engagement with $hBARK

Introduction

Welcome aboard, matey! We're excited to introduce $hBARK and The Barking Game, a token-based ecosystem designed to transform community engagement and content creation within the Hedera community. Our innovative platform combines the familiarity of traditional web2 points with the incentives of web3 tokens, empowering users to reward and recognize valuable contributions.

In this whitepaper, we delve into the mechanics of $hBARK and the Barking Game. We explore the technology that underpins our platform and detail our economic model, setting the foundation for a dynamic community that rewards participation and amplifies visibility for valuable contributions across the Hedera network.

The Barking Game

The Barking Game is at the heart of our ecosystem, allowing users to reward loyal community members without spending their own tokens. Our "Bark Power" mechanism puts $hBARK holders in control, enabling them to decide who will receive future rewards. This innovative approach fosters a dynamic community that values participation and amplifies visibility for outstanding contributions across the Hedera network.

Game Mechanics

- Earning Bark Power: Hold $hBARK tokens or provide liquidity to accumulate Bark Power daily.
- Barking for Others: Use Bark Power to support and recognize valuable community contributions.
- Daily Engagement: Bark Power resets daily at 00:00 UTC, promoting ongoing participation as unused power expires nightly.

Reward System

- Points and Lootgrabs: Barking translates Bark Power into points for recipients, influencing future Lootgrabs where points convert into $hBARK tokens.
- Community-Driven Rewards: Active users receive rewards based on their contributions, ensuring fair and motivating distributions.

Goals of the Barking Game

- Enhance Engagement: The Barking Game aims to keep the community active and engaged by encouraging daily participation.

- Foster Positive Interactions: By allowing users to recognize and reward each other, the game builds a positive community atmosphere where contributions are valued and celebrated.
- Drive Community Growth: The gamified interaction model promotes a vibrant community culture that attracts new users and retains existing members by making participation fun and rewarding.

Other Considerations

- If a user attempts to bark with a larger amount than Bark Power they have available, the entire bark will be ignored.
- Additional words are allowed in a reply either before or after the bark amount and tag (ie 500 $hbark).
    - Examples include
        - Omg lol 500 $hbark
        - LOL Jack yer amazing! 100 $hbark
        - Here's 500 $hbark for you!
- Taking part in bark farming, such as coordinated posting or artificial engagement could result in loss of bark power, loss of points and being disqualified to participate in the Barking Game.
- The $hbark team reserves the right to update and change the rules which regulate the Barking Game at any time for any reason.
- The $hbark team reserves the right to disqualify any user from the Barking Game at their sole discretion without any responsibility to alert the user ahead of time.

Example Usage

- Bob has been credited with 100 Bark Power for the day.
- He decides to bark for Alice with 10 $hBARK, which means he uses 10 of his Bark Power.
- At the end of the day, Alice will see an additional 10 points in her account on hBARK.club. These points are indicative of community support.
- When the current season ends, and the next Lootgrab becomes available, Alice's 10 points will convert into 10 claimable $hBARK tokens. During each season, points have no value, no utility, and are non-transferable.

The Barking Game is more than just a game; it is a fundamental part of the $hBARK ecosystem that drives community interaction, rewards active participation, and fosters a culture of support and recognition among members.

Utility of $hBARK and Bark Power

The $hBARK token and Bark Power play pivotal roles in the Hedera-based Barking Game by driving community engagement and providing mechanisms for recognizing and rewarding active participation.

$hBARK Token Utility

- Community Engagement: $hBARK serves as a reward for an array of community engagements such as creating beautiful NFTs, building and releasing new tools, creating the funniest meme, providing valuable feedback, or creating content that benefits the community. This incentivization encourages ongoing participation and contribution within the ecosystem.
- Liquidity Incentives: $hBARK is also used to incentivize participation in the SaucerSwap hbar/hBARK liquidity pool by making daily claims available.
    - Qualifying LP: https://www.saucerswap.finance/swap/HBAR/0.0.5022567
- Allocationing Bark Power: By simply holding $hBARK (or by providing liquidity in the LP) users will earn Bark Power each day at 00:00 UTC.

Bark Power Utility

- Community Recognition: Use Bark Power to commend and reward community contributions on Twitter. When a user barks for someone else, their Bark Power will be reduced by the amount for which they bark. (ie 500 $hBARK)
- Daily Usage: Earn and spend Bark Power daily; it resets at 00:00 UTC to encourage consistent engagement.
- Influence Rewards: Direct Bark Power towards others to affect the distribution of rewards during Lootgrabs.

Accounts Excluded from Bark Power Credits
The following accounts do not qualify to earn Bark Power in an attempt to MAXIMIZE the influence of the Hedera Community
- Founder Accounts
    - 0.0.5755573
    - 0.0.5755692
    - 0.0.5243823
    - 0.0.5243828
    - 0.0.5243302
    - 0.0.5243381
- Treasury Account
    - 0.0.5022502
- Initial LP Account
    - 0.0.5022480
- LP Incentives Account

Points, Seasons and Lootgrabs

Points and Lootgrabs incentivize and reward active community engagement, enhancing the $hBARK ecosystem's dynamics.

Points System

- Earning Points: Receive points by getting barks from other members on Twitter/X.
- Point Conversion: Convert points to $hBARK during Lootgrabs based on community involvement.

Seasons

- Regular Cycles: Each season culminates in an Lootgrab, converting accumulated points to $hBARK.
- Seasonal Resets: Points reset post-Lootgrab, marking the start of a new season.
- Since $hBARK has a finite supply, the seasons will continue until all $hBARK tokens have been distributed.

Lootgrabs

- Reward Events: Distribute $hBARK based on points earned, directly rewarding the most active community members.
- Community-Driven: Points collected during the season determine the $hBARK received, promoting fairness and active participation.

Bootstrapping the Barking Game

Unlike the Lootgrabs, which will be allocated by the community playing the Barking Game, Lootgrab #1 is allocated based on selected NFT Collections. By simply holding 1 or more NFTs within a qualifying Collection, the user were allocated an amount of $hBARK in Lootgrab #1.

The point of this is to reward the most active and loyal community members and bootstrap the Barking Game. In this way, active users are not required to purchase $hBARK in order to participate. Each NFT Collection is weighted and normalized to account for supply, community size and outlier accounts.

The following NFT Collection qualified for Lootgrab #1 and the snapshot was taken on 22 April 2024.

NFTs	TokenID
HGraph Punks	0.0.817591
Dead Pixels Ghost Club	0.0.878200
Hangry Rebels	0.0.3837554
HANGRY BARBOONS	0.0.1350444
HederaMonkeys	0.0.1006183
HashPack x HMNKY	0.0.4581624
Liithos Founders	0.0.2183747
ASHFALL Episode 6	0.0.2005172
RantCPU TCG Cards- Hedera Founders Promo	0.0.4468503
RantCPU TCG Cards - Mance Promo	0.0.4543574
RantCPU TCG Pack Tier 5	0.0.4334689
RantCPU TCG Cards - Leemon Promo	0.0.4543567
HashPack Special Collection	0.0.2173899
Hashpack INO NFT	0.0.4970613
DEFIANTS	0.0.4841456
The Barkaneers	0.0.5083205
SaucerSwap Electromagnetic	0.0.732556
SaucerSwap Strong Nuclear	0.0.732555
SaucerSwap Weak Nuclear	0.0.732554
SaucerSwap Gravity	0.0.732553
Kabila SIWAS	0.0.2179656
SentX Founder's Pass	0.0.1434902
Creamies	0.0.930110
Scallywag Squawkers	0.0.5406280
SNOG	0.0.4956949
Bullish Bulls	0.0.3862669
GABBA GHOULS	0.0.4552495
Peculiar Peeps	0.0.5330090
BONACCI	0.0.4608024
DaVinciGraph BRONZE	0.0.1518294
Pandamania X	0.0.2007221

Tokenomics

The $hBARK tokenomics are designed to support active participation and engagement within the Hedera ecosystem. Our model emphasizes transparency and fairness in the distribution of tokens, aligning with the project's goals of fostering a thriving community.
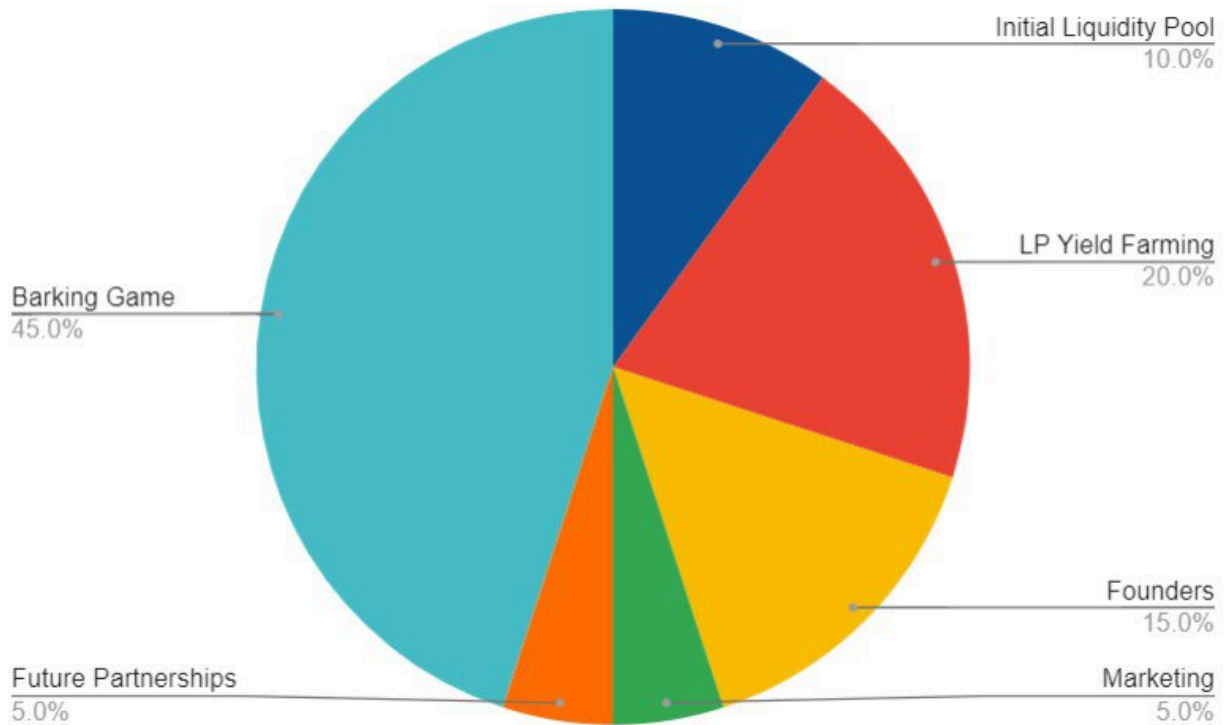
Supply Details

- TokenID: 0.0.5022567
- Treasury: 0.0.5022502
- Total Supply: 420,000,000
- Max Supply: 420,000,000
- Decimals: 0

Distribution

The allocation of $hBARK tokens is structured to support various ecosystem roles and functions:

- Initial Liquidity Pool: 10% of the total supply is designated to support initial liquidity.
  - https://www.saucerswap.finance/swap/HBAR/0.0.5022567
- LP Incentives: 20% of the total supply is earmarked to reward liquidity providers who contribute to the hbar/hBARK liquidity pool. These daily rewards are linearly distributed based on each user's participation percentage.
  - This is the *only* way to earn $hBARK tokens in between Lootgrabs.
  - There is only one LP which qualifies for the incentives program https://www.saucerswap.finance/swap/HBAR/0.0.5022567. .
- Founders: 15% of the total supply is allocated to the founders, recognizing their role in developing and launching the $hBARK project and for revolutionizing community engagement on Hedera.
- Marketing: 5% supports outreach and engagement initiatives, crucial for ecosystem growth.
- Future Partnerships: 5% is allocated to partnerships who help extend the project's reach and foster community engagement.
- Barking Game Lootgrabs: 45% of the tokens are planned for distribution through Lootgrabs to incentivize participation in the Barking Game. This includes an initial allocation of 15% to bootstrap the Barking Game and subsequent season distributions. .

Pie chart — $hBARK token distribution:
- Initial Liquidity Pool — 10.0%
- LP Yield Farming — 20.0%
- Founders — 15.0%
- Marketing — 5.0%
- Future Partnerships — 5.0%
- Barking Game — 45.0%

Technical Architecture

$hBARK Token

$hBARK is built using the Hedera Hashgraph, utilizing the Hedera Token Service (HTS) to leverage the high throughput, low fees and near-instant finality that Hedera offers. The $hBARK token, with tokenId 0.0.5022567, is designed to be trustless with no keys or permissions set.. This ensures that the token is immutable, secure, and no single party can affect any aspect of the $hBARK token, upholding a high standard of trustlessness and security.

System Components

Our system architecture comprises several main components: a front-end web application built with Vite and a back-end service developed with Express.js. This structure allows for a responsive user interface and robust server-side processing.

- Treasury Management: Manages the treasury account, ensuring secure handling and allocation of $hBARK funds.
- Claims Handling: Processes claims for $hBARK tokens, verifying and executing transactions as users redeem their earned points.
- Bark Power Calculation: Bark Power is dynamically calculated based on token holding and liquidity provision, encouraging active participation in the ecosystem.
- Social Media Integration: Identifies and keeps an account of "barks" made on Twitter, linking social actions to points awarded.
- Points Database Management: It calculates and credits points to users' accounts based on their activities and interactions within the ecosystem.
- Twitter Account Verification: To ensure authenticity and security, the system verifies each user's Twitter account linked to the platform.
- Liquidity Provider Incentives: Daily incentives for liquidity providers are calculated and credited, fostering a stable and engaging liquidity pool environment.
- Offline Message Storage: Stores signed offline messages with a terms disclaimer to ensure users acknowledge and understand the conditions of their interactions within the platform.

Security and Trust

Assuming the user is already associated with the $hbark token, there are no on-chain transactions that need to be executed by the user. This ensures that the hBARK ecosystem is as trustless as possible. While users are required to sign an off-chain message to acknowledge our Terms, it is not a transaction sent to the Hedera network and does not change the state of the user's Hedera account in any way.

Roadmap

There is no roadmap nor are there any additional features planned for the $hBARK token nor the Barking Game. The entire game is detailed as-is in this whitepaper and the reader should have absolutely no expectation of additional development on the project. We have attempted to design a fun, engaged game from day 1 and it will live as-is without any further guarantees.

Fundraising and Investment

It should be understood that the founding team received NO funding of any kind, in any form from any external sources. There are and were no investors involved at any point, period.

Privacy

The $hBARK project stores 2 pieces of data:

1. **Server-side**: Users need to verify their Twitter/X account against their Hedera account id to play The Barking Game. This relationship is stored in our backend server. Under no circumstance will we sell or give this information to any 3rd party. We use this relationship to track your Barking Power and Points during each season of gameplay.

2. **Client-side**: We utilize a web2 cookie which contains only one key-value-pair. This includes your Hedera accountID and a boolean to denote if you have signed our Terms document. We check to see if this cookie exists when you login to the hbark.club website to determine if you are required to sign the Terms or have previously signed.

All other data used, such as $hBARK balance and LP token balance, is publicly available on the Hedera mirror nodes.

Any user who wishes to be forgotten, and break the link between their Hedera account and Twitter account, should send an email request to hBARK@protonmail.com and allow 30 days for deletion.

Conclusion

In conclusion, the hBARK project offers a unique opportunity for users to engage, contribute, and thrive within the Hedera ecosystem. With its innovative tokenomics model, gamification elements, and social features, hBARK provides a platform that is both fun and rewarding.

By participating in the hBARK ecosystem, users can earn rewards, build their reputation, and connect with like-minded individuals. The Barking Game and Lootgrab mechanisms ensure that active contributors are recognized and incentivized, fostering a culture of collaboration and mutual support.

With its trustless, secure, and efficient architecture, hBARK sets a new standard for community engagement and interaction on the Hedera network. By joining the hBARK community, users can experience the benefits of a dynamic, rewarding, and engaged ecosystem that celebrates their contributions and rewards their participation.

We're excited to have you on board and look forward to seeing the amazing things we can achieve together!

Legal Considerations

There have been no promises of future returns by the $hBARK team. Buying the $hBARK token and participating in the Barking Game is your own voluntary decision and you assume all associated financial and legal risks. The $hBARK token has no intrinsic value and should be considered worthless. Please consult your legal and accounting teams before participating in the $hBARK ecosystem. Before gaining functional access to the hBARK.club website,, each user will be **REQUIRED** to sign an off-chain message agreeing to our Terms.