

Betcoin White Paper

1. Executive Summary

Vision and Mission

Betcoin inherits the vision of Bitcoin, striving to embody the true essence of cryptocurrency. Betcoin is designed as a bonus coin primarily for blockchain games but also applicable across various services. Our vision is to bring transparency and fairness across the digital ecosystem. Our mission is to reward gameplay and service utilization, fostering an active and vibrant ecosystem.

2. Technical Overview

Blockchain

Blockchain: Polygon

Polygon is chosen for its capability to enhance Ethereum's scalability and flexibility, offering low-cost and fast transactions. This allows users to enjoy a seamless experience while reducing transaction costs.

Smart Contracts

Smart Contracts: Betcoin utilizes smart contracts to automate in-game transactions and reward distributions, ensuring transparency and security in all operations.

Technology Stack:

- **Solidity: The programming language for smart contracts, ensuring secure and reliable contract execution.**
- **Web3.js: A JavaScript library to interact with the Ethereum blockchain, connecting the frontend with smart contracts.**
- **Node.js: A JavaScript runtime for server-side operations, enabling scalable network applications.**

Detailed Smart Contracts

- **Token Contract: An ERC-20 compliant Betcoin token contract managing token supply, ownership transfers, and approval functionalities.**
- **Game Reward Contract: Automates the distribution of rewards for in-game actions, ensuring fair distribution among players.**
- **Transaction Contract: Manages peer-to-peer token transactions, designed for secure and efficient transaction processing.**

Infrastructure

- **Frontend: Built with React.js, offering a user-friendly interface with dynamic and responsive web applications.**
- **Backend: Node.js and Express manage APIs and database connections, facilitating real-time data processing and high scalability.**
- **Database: MongoDB stores user information, transaction histories, and game data, providing high performance and flexibility as a NoSQL database.**

3. Token Details

Token Name: Betcoin (BET)

Total Supply: 1 billion BET

Distribution:

- **Pre-sale: 10%**
- **Marketing: 17.62%**
- **Reserve: 34.11%**
- **Public Sale: 38.27%**

Utility: BET tokens are used for purchasing in-game items, accessing services, and participating in special events or competitions within the ecosystem.

4. Tokenomics

Total Supply

1 billion BET

Token Distribution

- **Pre-sale (10%): 100 million BET**
- **Tokens sold at a fixed price during the pre-sale to raise initial funds for development and marketing activities.**
- **Marketing (17.62%): 176.2 million BET**
- **Used for marketing campaigns, partnerships, influencer engagements, and community building to increase project awareness.**
- **Reserve (34.11%): 341.1 million BET**
- **Held as a reserve for unforeseen circumstances and used for developing new projects and features, ensuring long-term sustainability.**
- **Public Sale (38.27%): 382.7 million BET**
- **Sold on the public market to a broad user base, facilitating project expansion and additional fundraising.**

Incentive Mechanisms

- **In-Game Item Purchases: Players use BET tokens to purchase special items and bonuses within games, enhancing gameplay and user engagement.**
- **Service Utilization Rewards: Players and users earn BET tokens for utilizing specific services on the platform, encouraging active participation.**
- **Event Participation: Players earn BET tokens by participating in both in-game and external events, promoting community engagement and interaction.**
- **Community Activities: Users earn rewards by contributing to forums, sharing content, creating guides, and assisting other players.**

5. Roadmap

2024 Q1: Project Inception and Initial Development

- **Conceptualization and planning of the project**
- **Formation of the core team**
- **Development of initial prototypes**

2024 Q2: Pre-sale Launch

- **Preparation for token sale and marketing campaigns**
- **Selling tokens to initial investors**
- **Using pre-sale funds for continued development and marketing**

2024 Q3: Beta Release and Testing

- **Launching the beta version of the platform**
- **Collecting user feedback and conducting user tests**
- **Fixing bugs and optimizing features**

2024 Q4: Public Sale and Official Launch

- **Public sale of tokens**
- **Official release of the platform**
- **Ongoing marketing and user acquisition efforts**

6. Market Analysis

Market Size and Growth Projections

The blockchain gaming market is rapidly growing, expected to reach several billion dollars by 2023. Unlike traditional gaming markets, blockchain games offer users actual economic value through digital asset ownership and trading. As blockchain technology adoption increases, this market is poised for significant expansion.

Target Market

Betcoin targets tech-savvy users aged 18-35, who have a high interest in digital asset ownership and trading. These users are receptive to innovative technologies and value the economic benefits provided by blockchain games.

Competitive Analysis

Key competitors include platforms like Axie Infinity and Decentraland, which already have substantial user bases. However, Betcoin differentiates itself by emphasizing transparency and fairness. Additionally, by launching specific game titles such as Universal Stallion, Betcoin creates a unique ecosystem that fosters higher user engagement.

7. Use Cases

In-Game Item Purchases

Players use BET tokens to buy special items and bonuses within games, enhancing their gaming experience and increasing user engagement. In Universal Stallion, for example, players can purchase racehorses, train them, and buy special equipment using BET tokens.

Service Utilization Rewards

Users earn BET tokens by utilizing specific services on the platform, promoting active participation. This includes completing missions, participating in daily challenges, and more.

Event Participation

Players can earn BET tokens by participating in various events, both in-game and external. This includes tournaments, competitions, and special events, fostering community engagement and interaction.

Community Activities

Community members earn rewards by contributing to forums, sharing content, creating guides, and helping other players. This encourages active participation and the growth of a supportive community.

8. Regulatory Compliance

KYC/AML

Betcoin complies with international regulations, implementing KYC (Know Your Customer) and AML (Anti-Money Laundering) policies. Users must undergo identity verification before using the platform, minimizing the risk of fraud and money laundering.

Security

Betcoin employs state-of-the-art security protocols to protect user assets and data. Regular security audits and penetration tests are conducted to quickly identify and address vulnerabilities. Smart contract codes are audited by third parties to ensure their safety and reliability.

9. Universal Stallion

Universal Stallion is the first blockchain game released as part of the Betcoin ecosystem. This game allows players to raise, train, and race horses, competing against other players for rewards. Key features include:

Game Features

- **Horse Breeding and Training:** Players can purchase, train, and improve their racehorses. Each horse has various attributes that affect its performance in races.
- **Training:** Players can enhance their horses' speed, stamina, and endurance through training, using BET tokens for upgrades.
- **Racing:** Players enter their horses in races, competing against others for BET token rewards. Winners earn additional tokens and recognition within the community.
- **Item Purchases:** Players use BET tokens to buy special equipment and training items for their horses, further enhancing their performance.

Ecosystem Integration

Universal Stallion operates within the Bitcoin ecosystem, linking with other games and services. Players can use BET tokens earned in Universal Stallion across other platforms, facilitating seamless value exchange within the integrated ecosystem.