



DKawoon

Decentralized Football on BNB Chain

Unleash the Kawoon — Compete, Win, Celebrate!



Introduction

The world of football unites millions of passionate fans, fueling excitement and competition with every match. At the same time, the rise of blockchain technology has opened new avenues for transparency, fairness, and user empowerment in digital platforms. DKawoon bridges these two worlds, introducing a decentralized football platform built on BNB Chain that redefines how fans engage with the sport they love.

Traditional fantasy sports platforms often suffer from centralization, lack of transparency, and high fees, leaving users with limited control over their experience and rewards. DKawoon addresses these challenges by leveraging the power of smart contracts to create a fully transparent, secure, and decentralized environment. Fans can select their dream team of 5 players per match (with a minimum of 2 from each team), compete against others, and win prizes distributed fairly among the top 3 performers—45% for 1st place, 35% for 2nd, and 20% for 3rd—all managed automatically on the blockchain.

Our mission is to empower football fans by giving them a platform where their knowledge and passion translate into real rewards, all while ensuring trust and fairness through Web3 technology. As we prepare for our beta test launch in August 2025, coinciding with the start of the Premier League season, DKawoon invites fans, Web3 enthusiasts, and innovators to join us in revolutionizing fantasy sports.

This whitepaper outlines the vision, mechanics, technical implementation, and roadmap of DKawoon, demonstrating how we combine the thrill of football with the integrity of blockchain to create a truly decentralized fan experience. Welcome to the future of football fantasy—welcome to DKawoon.



Project Overview

DKawoon is a pioneering decentralized football fantasy platform built on BNB Chain, designed to empower football fans by combining their passion for the sport with the transparency and fairness of blockchain technology. At its core, DKawoon enables users to engage in thrilling fantasy competitions, leveraging their knowledge of the game to select players, compete against others, and win rewards—all within a secure and trustless environment.

Our Vision

We envision a future where football fans are not just spectators but active participants in the sport's ecosystem, with the ability to earn tangible rewards for their expertise and enthusiasm. DKawoon aims to redefine the fantasy sports landscape by eliminating the opacity and inefficiencies of traditional platforms, replacing them with a decentralized model that prioritizes user control, fairness, and community-driven innovation. By harnessing the power of Web3, we are creating a platform where every fan can celebrate their love for football in a way that is both exciting and rewarding.

Key Features

- **Decentralized Infrastructure on BNB Chain:** Built on BNB Chain, DKawoon ensures low transaction fees, fast processing, and scalability, making it accessible to fans worldwide.
- **Transparent Prize Distribution:** Smart contracts automate the distribution of prizes, ensuring that the top 3 performers in each match receive 45%, 35%, and 20% of the prize pool, respectively, with full visibility on the blockchain.
- **Player Selection Mechanics:** Users can pick 5 players per match, with a minimum of 2 from each team, encouraging strategic decision-making and balanced team compositions.

Community-Driven Growth: Starting with the Premier League in August 2025, DKawoon will expand to include other leagues like La Liga and Serie A by early 2026, alongside new tournament types with entry fees.

As we approach our beta test launch in August 2025, DKawoon is poised to lead the next wave of innovation in fantasy sports, inviting fans to join a community where their passion for football meets the limitless possibilities of decentralization.



Game Mechanics

DKawoon offers an engaging and transparent football fantasy experience, powered by decentralized technology on BNB Chain. Our game mechanics are designed to be intuitive for football fans while ensuring fairness and trust through the use of smart contracts. Below, we outline the core components of the DKawoon gameplay, from player selection to prize distribution.

Player Selection

Users participate by selecting 5 players for each match, with a minimum of 2 players from each competing team to ensure balanced team compositions. This mechanic encourages strategic decision-making, as users must carefully analyze player form, team dynamics, and match context. Every selection is recorded on the blockchain via a smart contract, ensuring that all choices are transparent, immutable, and verifiable by anyone. This eliminates any possibility of manipulation, fostering trust among participants and guaranteeing a fair competition.

Player Performance Scoring

Player performance is evaluated using ratings sourced from WhoScored, a globally recognized platform for football statistics and analytics. WhoScored provides detailed, real-time player ratings based on a comprehensive set of metrics, including goals, assists, passes, tackles, and more. These ratings are fetched through an oracle integration (e.g., Chainlink) and fed into our smart contract, which calculates the total score for each user's selected team by summing the ratings of their 5 chosen players. This ensures that scoring is objective, consistent, and aligned with real-world match data.

Competition and Rewards

Once scores are calculated, users are ranked based on the total performance of their selected players. The top 3 participants in each match share the prize pool, with 45% awarded to 1st place, 35% to 2nd place, and 20% to 3rd place. This structure incentivizes competition while rewarding skill and strategic thinking. All prize distributions are executed automatically via the smart contract, ensuring that payouts are instant, transparent, and tamper-proof.



Game Mechanics

Smart Contract for Transparency and Fairness

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;

contract DKawoonFantasy {
    // Struct to store user selections
    struct PlayerSelection {
        uint256[5] playerIds; // IDs of selected players
        address user; // User's wallet address
        uint256 matchId; // Match identifier
        uint256 totalScore; // Total score for the selection
        bool rewarded; // Flag to track if rewards are paid
    }

    // Mapping to store selections per match
    mapping(uint256 => PlayerSelection[]) public matchSelections;
    uint256 public prizePool; // Prize pool in USD1 (wei)
    address public admin; // Admin address for managing scores

    // Event for logging player selections
    event PlayerSelected(uint256 matchId, address user, uint256[5] playerIds);
    // Event for prize distribution
    event PrizeDistributed(uint256 matchId, address winner, uint256 amount);

    constructor() {
        admin = msg.sender;
        prizePool = 0;
    }

    // Function to select players for a match
    function selectPlayers(uint256 matchId, uint256[5] memory playerIds) external {
        require(playerIds.length == 5, "Must select exactly 5 players");
        uint256 team1Count = 0;
        uint256 team2Count = 0;

        // Check for minimum 2 players per team (simplified logic: playerIds < 1000 are Team 1)
        for (uint i = 0; i < playerIds.length; i++) {
            require(playerIds[i] > 0, "Invalid player ID");
            if (playerIds[i] < 1000) team1Count++;
            else team2Count++;
        }
        require(team1Count >= 2 && team2Count >= 2, "Minimum 2 players per team required");

        // Record the selection
        matchSelections[matchId].push(PlayerSelection({
            playerIds: playerIds,
            user: msg.sender,
            matchId: matchId,
            totalScore: 0,
            rewarded: false
        }));

        emit PlayerSelected(matchId, msg.sender, playerIds);
    }
}
```



Game Mechanics

Smart Contract for Transparency and Fairness

Function to calculate scores (called by admin with data from WhoScored via oracle)

```
ction calculateScores(uint256 matchId, uint256[] calldata playerIds, uint256[] calldata scores) external {
    require(msg.sender == admin, "Only admin can calculate scores");
    require(playerIds.length == scores.length, "Mismatch between player IDs and scores");

    PlayerSelection[] storage selections = matchSelections[matchId];
    require(selections.length > 0, "No selections for this match");

    for (uint i = 0; i < selections.length; i++) {
        uint256 total = 0;
        for (uint j = 0; j < selections[i].playerIds.length; j++) {
            for (uint k = 0; k < playerIds.length; k++) {
                if (selections[i].playerIds[j] == playerIds[k]) {
                    total += scores[k]; // Scores from WhoScored (scaled to uint, e.g., 7.2 becomes 720)
                    break;
                }
            }
        }
        selections[i].totalScore = total;
    }
}
```

...to access full Smart Contract please navigate via [Github](#).

Prize Distribution in USD1

Prizes in DKawoon are distributed in USD1, a stablecoin pegged to the US dollar on BNB Chain. We chose USD1 for several reasons:

- **Stability:** USD1 maintains a 1:1 peg with the US dollar, ensuring that prize values remain consistent and predictable, protecting users from the volatility common in other cryptocurrencies.
- **Accessibility:** USD1 is widely supported on BNB Chain, making it easy for users to receive, store, and withdraw their winnings with minimal friction.
- **Low Transaction Fees:** BNB Chain's low-cost transactions ensure that users can claim their prizes without incurring significant fees, maximizing their rewards. This choice aligns with our commitment to providing a user-friendly and financially predictable experience for football fans worldwide.

Competition and Rewards

Once scores are calculated, users are ranked based on the total performance of their selected players. The top 3 participants in each match share the prize pool, with 45% awarded to 1st place, 35% to 2nd place, and 20% to 3rd place.



Technical Implementation

DKawoon is built on a robust technical foundation that leverages the power of BNB Chain to deliver a seamless, transparent, and scalable football fantasy experience. This section outlines the core technical components, infrastructure, and processes that enable DKawoon to operate efficiently while maintaining the highest standards of fairness, security, and user trust.

Blockchain Infrastructure: BNB Chain

DKawoon operates on BNB Chain, chosen for its high throughput, low transaction fees, and robust ecosystem support for decentralized applications (dApps). BNB Chain's architecture allows DKawoon to process player selections, calculate scores, and distribute prizes with minimal latency, ensuring a smooth user experience even during high-traffic periods, such as major football matches. The use of BNB Chain also enables cost-effective transactions, making it accessible for users worldwide to participate without incurring significant gas fees. All user actions—such as player selections and prize payouts—are recorded on-chain, ensuring immutability and transparency.

Data Integration with Oracles

To calculate user scores, DKawoon relies on real-time player performance data sourced from WhoScored, a leading football statistics provider. This data is integrated into the platform via Chainlink oracles, a decentralized oracle network that securely fetches off-chain data and delivers it to the smart contracts on BNB Chain. Chainlink ensures that the player ratings (e.g., goals, assists, overall performance scores) are accurate and tamper-proof, maintaining the integrity of the scoring process. The smart contract then uses this data to compute the total score for each user's selected team, as described in the Game Mechanics section.

Smart Contract Integration

DKawoon's core operations are managed by smart contracts deployed on BNB Chain. These contracts handle critical functions such as recording player selections, aggregating scores, ranking participants, and distributing prizes in USD1, a stablecoin chosen for its stability and low transaction costs. To ensure reliability, the contracts will undergo rigorous audits by third-party security firms prior to the beta test launch in August 2025, mitigating risks of vulnerabilities or exploits.



Technical Implementation

Security and Fairness

Security is a top priority for DKawoon. The platform employs several measures to protect users and maintain fairness:

- **Immutable Records:** All user selections and match outcomes are stored on BNB Chain, preventing any retroactive changes or manipulation.
- **Oracle Security:** Chainlink oracles are used to fetch WhoScored data, ensuring that the data feeding into the smart contracts is accurate and untampered.
- **Audited Contracts:** Prior to launch, all smart contracts will be audited by reputable blockchain security firms to identify and address potential vulnerabilities.
- **Decentralized Execution:** Prize distribution is fully automated via smart contracts, eliminating the risk of human error or bias in the payout process.

Scalability and Performance

DKawoon is designed to scale with the growing popularity of football fantasy and Web3 adoption. BNB Chain's high transaction throughput ensures that the platform can handle large numbers of users simultaneously, even during peak events like Premier League matchdays. As DKawoon expands to include additional leagues (e.g., La Liga, Serie A) in early 2026, the platform will leverage BNB Chain's layer-2 solutions, such as rollups, if needed, to further enhance scalability and reduce costs. Additionally, the smart contracts are optimized for gas efficiency, minimizing the computational overhead for users.

User Experience and Accessibility

To ensure a seamless experience, DKawoon integrates with popular Web3 wallets (e.g., MetaMask, Trust Wallet) for user authentication and transactions. Users can easily connect their wallets, select players, and receive prizes in USD1 without needing deep technical knowledge of blockchain. The platform's front-end, built with modern web technologies (e.g., React, Web3.js), provides an intuitive interface that abstracts the complexity of blockchain interactions, making DKawoon accessible to both Web3 novices and experienced users.

DKawoon's technical implementation combines the best of blockchain technology and football analytics to deliver a fair, transparent, and scalable platform. By building on BNB Chain, integrating trusted data sources, and prioritizing security, DKawoon ensures that fans can focus on what they love most—celebrating football—while trusting in the integrity of the platform.



Tokenomics

The DKawoon ecosystem is powered by its native token, DKW (DKawoon Token), which plays a central role in incentivizing participation, rewarding users, and driving platform growth. DKW is designed to create a sustainable economy that balances the interests of users, the team, and investors while ensuring long-term value creation. This section outlines the token distribution, vesting schedule, and utility of DKW within the DKawoon platform.

Total Token Supply

The total supply of DKW is capped at 100,000,000 tokens, ensuring scarcity and value preservation. The tokens will be minted on BNB Chain during the token launch in December 2025, coinciding with the platform's winter break milestone.

Token Distribution

The DKW token supply is distributed across several categories:

- **User Rewards and Prize Pool:** 40% (40,000,000 DKW)
This allocation is reserved for user rewards, including prize pools for fantasy competitions and staking incentives (planned for future phases).
- **Team:** 15% (15,000,000 DKW)
Allocated to the founding team and core contributors to support long-term development and commitment to the project.
- **Marketing and Partnerships:** 15% (15,000,000 DKW)
Dedicated to marketing campaigns, community building, partnerships with football organizations, and user acquisition initiatives.
- **Private Sale:** 10% (10,000,000 DKW)
Reserved for early investors and strategic partners to secure funding for platform development and initial operations.
- **Public IDO:** 5% (5,000,000 DKW)
Offered through an Initial DEX Offering (IDO) to allow the broader community to participate in the token launch and gain early access to DKW.
- **Liquidity:** 10% (10,000,000 DKW)
Allocated to provide liquidity on decentralized exchanges (e.g., PancakeSwap on BNB Chain) to ensure smooth trading and price stability post-launch.
- **Ecosystem Development and Reserve:** 5% (5,000,000 DKW)
Set aside for future ecosystem development, unforeseen expenses, and strategic initiatives as the platform scales.



Tokenomics

Vesting Schedule

To ensure long-term alignment of incentives and prevent market over-saturation, DKW tokens are subject to a vesting schedule tailored to each allocation:

- **User Rewards and Prize Pool (40%):**
 - No initial unlock at token launch.
 - Tokens are released linearly over 48 months (4 years) starting January 2026, with approximately 833,333 DKW distributed monthly to reward users and sustain engagement.
- **Team (15%):**
 - 6-month cliff from token launch (December 2025), meaning no tokens are unlocked until June 2026.
 - After the cliff, tokens vest linearly over 24 months (until June 2028), releasing approximately 625,000 DKW monthly to ensure the team's long-term commitment.
- **Marketing and Partnerships (15%):**
 - 10% unlocked at token launch (1,500,000 DKW) to fund initial marketing efforts in December 2025.
 - The remaining 90% vests linearly over 24 months (January 2026 to December 2027), releasing approximately 562,500 DKW monthly for ongoing campaigns and partnerships.
- **Private Sale (10%):**
 - 20% unlocked at token launch (2,000,000 DKW) to provide liquidity for early investors in December 2025.
 - The remaining 80% vests linearly over 18 months (January 2026 to June 2027), releasing approximately 444,444 DKW monthly to align investor interests with platform growth.
- **Public IDO (5%):**
 - 50% unlocked at token launch (2,500,000 DKW) to allow immediate access for IDO participants in December 2025.
 - The remaining 50% vests linearly over 6 months (January 2026 to June 2026), releasing approximately 416,667 DKW monthly to balance market entry.



Tokenomics

Vesting Schedule

Liquidity (10%):

- 50% unlocked at token launch (5,000,000 DKW) to provide initial liquidity on decentralized exchanges in December 2025.
- The remaining 50% vests linearly over 12 months (January 2026 to December 2026), releasing approximately 416,667 DKW monthly to maintain liquidity as trading volume grows.

Ecosystem Development and Reserve (5%):

- 20% unlocked at token launch (1,000,000 DKW) to cover immediate development needs in December 2025.
- The remaining 80% vests linearly over 36 months (January 2026 to December 2028), releasing approximately 111,111 DKW monthly to support long-term growth and unforeseen expenses.

Token Utility

DKW serves multiple purposes within the DKawoon ecosystem:

- **Entry Fees:** Starting in early 2026, DKW will be used for entry fees in premium tournaments, creating demand for the token.
- **Rewards:** DKW tokens are distributed as rewards for top performers in fantasy competitions, incentivizing active participation.
- **Staking (Future):** Users will be able to stake DKW to earn additional rewards, such as boosted prize pool shares or exclusive tournament access, planned for post-2026 phases.
- **Governance (Future):** As DKawoon evolves, DKW holders may participate in decentralized governance through a DAO, giving the community a voice in platform decisions.

Deflationary Mechanism

To support the long-term value of DKW, a portion of the tokens collected from entry fees (once premium tournaments are introduced) will be burned, reducing the total supply over time. This deflationary mechanism aims to counterbalance token emissions from rewards and ensure a sustainable economic model.



Roadmap

DKawoon is committed to delivering a fully functional and scalable decentralized football fantasy platform, with a clear timeline for development.

- **May 2025:** Whitepaper Launch and Initial Marketing

With the release of this whitepaper, DKawoon officially introduces its vision to the world. This milestone marks the beginning of our marketing campaign, aimed at building awareness among football fans and the Web3 community.

- **Early August 2025:** Beta Test Launch

The beta test phase will allow a select group of users to experience DKawoon's core functionality, including player selection, scoring, and prize distribution. This phase will focus on testing the platform's smart contracts, user interface, and overall performance under real-world conditions, with feedback collected to refine the platform before the official launch.

- **August 2025:** Premier League Season Start and Platform Launch

Coinciding with the start of the Premier League season, DKawoon will officially launch its fully operational platform. Users will be able to participate in fantasy tournaments for Premier League matches, compete for prizes in USD.

- **December 2025:** Winter Break — DKW Token Launch and Feature Expansion

During the Premier League winter break, DKawoon will launch the DKW token on Telegram, enabling new use cases such as entry fees and staking rewards.

- **Early 2026:** Platform Expansion

Building on the success of the Premier League integration, DKawoon will expand to include other major football leagues, such as La Liga and Serie A, broadening the platform's appeal to a global audience.

- **Mid-2026 and Beyond:** Governance and Scalability

Looking ahead, DKawoon aims to implement decentralized governance, allowing DKW token holders to vote on key platform decisions, such as new league integrations and feature updates.

DKawoon's roadmap reflects our commitment to delivering a user-centric platform that evolves with the needs of football fans and the Web3 ecosystem. Each milestone builds on the previous one, ensuring steady progress toward our vision of revolutionizing fantasy sports.



Benefits & Risks

DKawoon aims to deliver a groundbreaking decentralized football fantasy platform, offering significant benefits to users, investors, and the broader Web3 ecosystem. However, as with any innovative project, there are inherent risks that must be acknowledged. This section outlines the key advantages of DKawoon, potential challenges, and the measures we are taking to mitigate those risks, ensuring a secure and sustainable platform for all stakeholders.

Benefits

DKawoon provides a range of advantages that set it apart from traditional fantasy sports platforms and position it as a leader in the Web3 space:

- **Transparency and Trust:** By leveraging BNB Chain and smart contracts, DKawoon ensures that all player selections, scores, and prize distributions are recorded on-chain, making the process fully transparent and verifiable. This eliminates concerns about manipulation and builds trust among users.
- **Low-Cost Participation:** Built on BNB Chain, DKawoon offers low transaction fees, making it affordable for users worldwide to participate in fantasy tournaments and claim their prizes in USD1, a stablecoin chosen for its predictability and accessibility.
- **User Empowerment:** Football fans can leverage their knowledge to compete and earn rewards, with the top 3 participants in each match sharing the prize pool (45%-35%-20%). The integration of DKW tokens (launching in December 2025) will further enhance user engagement through entry fees, staking, and future governance opportunities.
- **Scalability and Growth:** DKawoon is designed to scale with the growing demand for fantasy sports and Web3 adoption. Starting with the Premier League in August 2025, the platform will expand to include other major leagues like La Liga and Serie A by early 2026, ensuring broad appeal to a global audience.



Benefits & Risks

Risks and Mitigation

While DKawoon is built with security and fairness in mind, we recognize the following risks and have implemented strategies to address them:

- **Smart Contract Vulnerabilities:**

- **Risk:** Bugs or exploits in the smart contracts could compromise the platform's operations or user funds.
- **Mitigation:** All smart contracts will undergo rigorous audits by reputable third-party security firms before the beta test launch in August 2025. Additionally, a bug bounty program will be introduced to incentivize the community to identify and report potential issues.

- **Data Integrity from Oracles:**

- **Risk:** The platform relies on Chainlink oracles to fetch player ratings from WhoScored, and any data inaccuracies or oracle failures could affect scoring fairness.
- **Mitigation:** Chainlink's decentralized oracle network is used to ensure data reliability. We will also implement fallback mechanisms, such as secondary data sources, to verify WhoScored ratings in case of discrepancies.

- **Token Volatility (DKW):**

- **Risk:** After the DKW token launch in December 2025, market volatility could impact its value, affecting user rewards and entry fees.
- **Mitigation:** A gradual vesting schedule for token releases (as outlined in the Tokenomics section) will prevent market oversaturation. Additionally, a portion of DKW collected from entry fees will be burned, creating a deflationary effect to support long-term value stability.

- **User Adoption Challenges:**

- **Risk:** As a Web3 platform, DKawoon may face challenges in onboarding users unfamiliar with blockchain technology.
- **Mitigation:** The platform's front-end is designed for simplicity, with seamless wallet integration (e.g., MetaMask, Trust Wallet) and an intuitive user interface. Educational resources and tutorials will also be provided to guide new users through the Web3 experience.

By proactively addressing these risks, DKawoon ensures a secure, fair, and user-friendly platform that maximizes the benefits of decentralized technology for football fans and Web3 enthusiasts alike.



Conclusion

DKawoon represents a bold step forward in the intersection of football fandom and Web3 technology, offering a decentralized football fantasy platform that empowers users with transparency, fairness, and rewarding engagement. By building on BNB Chain, we have created a scalable and cost-effective ecosystem where football fans can leverage their knowledge to compete, win prizes in USD1, and, starting in December 2025, participate in the DKW token economy. Our commitment to transparency—ensured through smart contracts, on-chain records, and audited processes—sets a new standard for trust in fantasy sports.

As we approach our beta test launch in August 2025, coinciding with the Premier League season, DKawoon is poised to redefine how fans interact with the sport they love. The roadmap ahead includes expanding to global leagues like La Liga and Serie A by early 2026, introducing new tournament types, and empowering our community through decentralized governance with DKW. Despite the challenges of Web3 adoption, our focus on user-friendly design, robust security, and regulatory compliance ensures that DKawoon is accessible and sustainable for users worldwide.

We invite football fans, Web3 enthusiasts, and innovators to join us on this journey. Participate in our beta test, engage with our community, and help shape the future of decentralized fantasy sports. Together, we can unleash the full potential of football fandom—welcome to DKawoon.



Appendix

This appendix provides additional resources and information to support the understanding of the DKawoon platform and its ecosystem.

Glossary

- **BNB Chain:** A high-performance blockchain developed by Binance, known for its low transaction fees, fast processing, and support for decentralized applications (dApps).
- **Smart Contract:** A self-executing contract with the terms of the agreement directly written into code, deployed on the blockchain to automate processes like prize distribution in DKawoon.
- **Oracle (Chainlink):** A decentralized service that fetches off-chain data (e.g., WhoScored player ratings) and delivers it to smart contracts on the blockchain, ensuring data reliability.
- **DKW Token:** The native utility token of DKawoon, used for entry fees, rewards, staking, and future governance within the platform.
- **USD1:** A stablecoin pegged 1:1 to the US dollar on BNB Chain, used for prize payouts to ensure stable and predictable rewards for users.
- **Vesting Schedule:** A mechanism to gradually release tokens over time, preventing market oversaturation and aligning stakeholder incentives with long-term project goals.

Resources

- **Official Website:** dkawoon.com (placeholder URL).
- **Twitter:** Follow us at [@DKawoon](https://twitter.com/DKawoon) for updates and community engagement.
- **Telegram:** Join our community at [@DKawoon](https://t.me/DKawoon) for discussions and support.
- **BNB Chain Documentation:** Learn more about BNB Chain at docs.bnbchain.org.
- **WhoScored:** Explore football statistics and player ratings at whoscored.com.

Disclaimer

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