

ARENATON Whitepaper

1. Introduction

In a world that is rapidly moving towards decentralization, the age-old sports betting industry remains largely untouched by the digital revolution. The industry, with its centralized power structures, has often been critiqued for lacking transparency, accessibility, and fairness in its operations. Here's where ARENATON enters the arena.

1.1 Overview of ARENATON

ARENATON: A future-facing platform that represents the confluence of sports, blockchain, and equitable betting.

- Decentralized Sports Betting:** Break free from the shackles of centralized betting platforms. ARENATON brings sports enthusiasts a transparent, tamper-proof, and decentralized system where they can place their bets with confidence, knowing that the outcomes are genuine and not manipulated.
- Tri-Pool Mechanism with VUND:** Innovating the betting landscape, ARENATON introduces the tri-pool mechanism. At its core lies VUND - the unified digital stablecoin that ensures stability, fairness, and rewards in the volatile world of betting.

1.2 Purpose

In an industry worth billions, it's the end users - the fans, the enthusiasts, the bettors - who often get the shorter end of the stick. Rigged systems, hidden fees, and unfair payouts have marred the spirit of sports betting. ARENATON is our answer to these challenges. Our mission is twofold:

- Decentralize Betting:** By leveraging the power of blockchain technology, ARENATON aims to democratize the sports betting industry. This means a system where power is not concentrated but is instead distributed amongst its users, ensuring transparency at every step.
- Innovative Rewards with VUND:** Through the tri-pool mechanism and the stablecoin VUND, ARENATON ensures that rewards are not just fair but also consistent. We believe in rewarding passion and loyalty, and with our platform, every user gets their rightful share.

Welcome to the future of sports betting. Welcome to ARENATON.

2. Bookmakers Betting System

A deep dive into the intricacies of betting illuminates the stark contrast between traditional bookmaking and the innovative Parimutuel Betting System, the foundation of Arenaton.

2.1 Traditional Bookmaker System

- Setting the Odds:** Bookmakers employ a symbiosis of human analysts and sophisticated algorithms, basing odds on diverse factors such as statistics, current forms, historical outcomes, and more. Intriguingly, these odds are not mere representations of probability; they weave in a margin, guaranteeing profits for the bookmaker.
- Betting Dynamics:** In this dance, as you bet, you challenge the bookmaker. A win means they compensate you; a loss, and they pocket your stake.
- Odds in Flux:** Reflecting the pulse of the betting populace, bookmakers recalibrate odds in response to the weight of wagers on outcomes.
- The Art of Profit:** Skillfully crafting odds, bookmakers ensure their payouts always remain a shade below the accumulated stakes, solidifying their profit margins.

2.2 Parimutuel Betting System (Arenaton's Foundation)

- Pooling the Bets:** In this communal system, wagers converge into a central pool, forming the base for payout calculations.
- Dynamic Odds Setting:** Devoid of any pre-fixed odds, the system generates odds on-the-fly, influenced by the weight of bets on outcomes, keeping the betting landscape lively and unpredictable.
- Betting Dynamics:** Here, you're not in a face-off with a centralized authority but are challenging fellow bettors. The house plays the impartial referee.
- The House's Cut:** Before the applause and the payouts, the house deducts its fee, analogous to the embedded margin in traditional bookmaking.
- Payout Schema:** Post-event, the communal pot gets distributed among victors, with the division predicated on the final odds and respective stakes.

2.3 Comparison & Insights

- Odds Dynamics:** Traditional systems lock the odds at the time of your bet. In contrast, the Parimutuel system keeps you on your toes with fluid odds.
- The Betting Counterpart:** Traditional systems pit you against the house. Parimutuel? You're sizing up fellow enthusiasts.
- Payout Mechanism:** Traditional setups anchor payouts to pre-set odds, while Parimutuel payouts are sculpted by the final pool and victor count.
- Ensuring Profits:** Bookmakers deftly manipulate odds to protect their profits, whereas Parimutuel systems transparently take a slice from the pooled bets.

In essence, choosing between the systems is akin to choosing between a fixed menu and a buffet. Some cherish the predictability of the former, while others relish the unique nature of the latter. Arenaton's Parimutuel inclination positions it distinctively in the betting universe, with its dynamic set of virtues and vulnerabilities.

2.4 Arenaton's Parimutuel Evolution

- Core Parimutuel Essence:** Bets amalgamate into a central pool. Real-time odds offer an adrenaline rush, and post-event, the pot gets dispersed based on the prevailing odds.
- The ATON Advantage:** Elevating the game, ATON serves as a strategic lever, empowering participants to amplify their potential dividends without inflating their actual stake.
- Reward Landscape:** Beyond mere betting returns, Arenaton showers participants with rewards for diverse actions, incentivizing participation and deepening engagement.

2.5 Arenaton's System: Merits & Caveats

Merits:

- Novel Reward Paradigm:** A multifaceted reward structure kindles active involvement.
- ATON Leverage:** An intriguing element that beckons strategic minds, enabling potential gains without a proportional monetary commitment.
- Decentralized Ethos:** The heart of the system is its decentralized nature, where participants compete head-to-head, devoid of any overarching central control.
- Odds in Motion:** An captivating dynamic where shifting odds offer a pulse of

3. ATON: Pioneering a Dynamic Deflationary Mechanism & Leverage Conversion

As the decentralized finance space surges, finding novel ways to sustain token value and encourage user engagement becomes paramount. ARENATON's ATON token crafts an elegant solution through its innovative deflationary and conversion mechanisms, optimizing both immediate user gains and enduring token worth.

3.1 Overview

The ATON token has been innovatively designed to incorporate a deflationary mechanism that aligns its conversion rate with USD based on the token burn count. This not only incentivizes the participants but also buttresses the token's long-term viability and relevance.

3.2 Deflationary Function:

Each interaction with leverage in the ATON framework triggers a token burn, incrementally decreasing its global count. To put it into perspective, 10% of every ATON used for leveraging is directly dispatched to a burn address, permanently removing it from circulation.

3.3 Calculating the ATON Factor:

The ATON factor, pivotal in deducing the ATON to USD conversion rate, is derived from the formula:

$$A_f = 1000 \cdot \sqrt{B_t} + 1000000$$

Where:

- A_f represents the ATON factor.
- B_t quantifies the overall count of tokens that have been burned.

Incorporating a square root ensures that, despite an increasing burn rate, the factor augments at a decelerating pace.

3.4 ATON to USDT Conversion

The transiteration of ATON into its USDT worth abides by:

$$USDT\ leverage = \frac{ATON * A_f}{pct\ denom}$$

Where:

- USDT leverage:** This denotes the leverage amount in USDT that corresponds to the staked ATON.
- ATON:** This represents the quantity of the ATON token that has been staked by the user.
- A_f : A predefined factor that determines the conversion rate of ATON to USDT.
- pct denom:** A constant used within the smart contract to ensure appropriate scaling and precision during the conversion process.

By integrating a static percentage denominator, pinned at 10^9, the formula ensures the ATON's USDT value evolves in tandem with its deflationary character.

This formula ensures a standardized conversion of ATON into its USDT equivalent, establishing a consistent value proposition for users within the ecosystem.

3.5 Implications & Benefits

- Incentivizing:** The burn-induced favorable conversion rate of ATON to USDT becomes a major draw for users, encouraging them to capitalize on the leverage and consistently engage with the platform.
- Token Value Preservation:** The token's intrinsic value is safeguarded against potential free-falls caused by surpluses, as the burn mechanism steadily cushions over time.
- Dynamic Conversion:** Aligning the USDT conversion with the burned token count infuses a dynamic valuation into the token, augmenting the platform's adaptability and resilience, ensuring it remains robust against market fluctuations.

The deflationary mechanism and leverage conversion blueprint embedded in the ATON token are groundbreaking strides in the decentralized finance domain. Strategically positioning to harmonize immediate user incentivization with the preservation of token value, the system promises both immediate gratifications and sustained benefits for its stakeholders.

4. Pillars of the ARENATON Ecosystem

ARENATON isn't just a name; it's an intricate tapestry of innovative components that come together to form a harmonious, decentralized betting platform. Here's a deep dive into the foundational elements that drive the ARENATON experience.

4.1 The Architectures of Trust: Smart Contracts

ARENATON Contract: It's not just code – it's the beating heart of the platform. Orchestrating primary betting activities, it ensures the integrity and fairness of each wager.

ATON Contract: Beyond just managing tokens, this contract carefully oversees ATON's unique deflationary character. It's the guardian ensuring that ATON retains and grows its value over time.

VAULT Contract: In a volatile world of cryptocurrencies, VUND emerges as a rock of stability. A unified digital stablecoin, it gracefully blends the strengths of USDT, USDC, and DAI, offering unparalleled assurance.

4.2 The Pulse: Data Aggregator Service

In the ever-changing landscape of sports, real-time data is king. Our aggregator is always on its toes, pulling, processing, and populating crucial data straight from the Flashscore API into the secure chambers of a MongoDB database. This ensures bettors always have the latest information at their fingertips.

4.3 The Portal: Arenaton Web Interface

A realm as complex as ARENATON deserves a user interface that's both intuitive and elegant. This Angular-powered application serves as a bridge, letting users traverse the vastness of the blockchain with ease, ensuring an engaging, user-friendly experience.

4.4 The Prognosticator: Oracle

In the world of ARENATON, the Oracle isn't a mystic; it's the unseen force that initiates and culminates events. With a direct line to the Flashscore API, it not only inquires but brings forth event details, ensuring that the platform always stays abreast of real-world outcomes.

Each component, a cog in the grand machinery, works tirelessly to ensure ARENATON stands tall as a beacon of trust, innovation, and user experience in the decentralized betting universe.

5. Betting Mechanics in the World of ARENATON

5.1 Staking: The Power of Commitment

Venture into the arena, and you'll find that the act of staking is more than just a mere deposit. Here, commitment has its rewards. As players place their bets, they're not just making predictions; they're embarking on an adventure. The more they invest in their vision of the future, the more the universe of ARENATON gives back. Every stake opens a door to a cascade of ATON bonuses, with each coin acting as a testament to a player's conviction and enthusiasm.

5.2 Rewards and Fees: The Dual Edges of Fate

In this grand game, fortunes can shift with the wind. The results of each event don't just determine winners or losers; they carve out intricate pathways of rewards and fees. Here, every outcome weaves its own tale. While rewards celebrate the foresight and courage of the victors, the fees serve as a gentle reminder of the ever-present element of risk. But fear not, for each contribution, whether it's a triumphant win or a mere participation, plays a part in shaping the ever-evolving landscape of ARENATON.

5.3 VUND: The Tri-Star Stablecoin of Unity

In the vast cosmos of digital currencies, three stars shine brighter than the rest: USDT, USDC, and DAI. But in ARENATON, they come together to form the VUND - a unified force, harmoniously coexisting in a tri-pool of equal valuation. Much like a celestial dance, the Automated Market Making (AMM) mechanism ensures a fluid and balanced exchange, giving players the flexibility to navigate with ease and confidence.

5.4 Future Development: The Horizon Awaits

As ARENATON sails forward, the promise of tomorrow beckons with exciting prospects. On the horizon, whispers of a swap contract for major stablecoins can be heard, signaling a future where integration and adaptability reign supreme. In this universe, evolution isn't just welcomed; it's celebrated. For with every new dawn, ARENATON strives to be better, bolder, and more inclusive for all who choose to join its journey.

6. The Dance of Stakes: The Many Roads of the ARENATON Life Cycle

In the intricate ballet of ARENATON, every move, decision, and outcome has its significance. Section 6 delves deep into the mechanisms that drive this platform, from the initiation of events to the final act of reward distribution. Like a dance, every step in stake's lifecycle is meticulously choreographed, with rewards, penalties, and unforeseen twists. Herein, we shall explore these myriad pathways, each with its rhythm, governing the fortunes of those who partake in the grand spectacle of ARENATON.

6.1 Prologue: The Birth of an Event - Open Event

In the vast, digital tapestry of ARENATON, events spring to life at the beckoning of its participants. One player lays down the gauntlet, another answers the call, and as they do, the Oracle - an unseen arbiter - turns to FlashscoreAPI for counsel. With the stage set and the scene approved, the one who dares to initiate is bestowed a gleaming reward: 10% of their USDT stake, transformed into the resplendent ATON.

Technical Insight: Events in ARENATON are player-driven. One can initiate an event, and as others express interest by requesting to join, the Oracle syncs with the FlashscoreAPI, validating the proceedings. The event details are absorbed by the vault contract, a testament to the platform's commitment to fair experience, ensuring that subsequent stakes remain accessible, no matter how minimal. In essence, ARENATON's design choices in event initiation strike a harmonious balance between player agency, platform vibrancy, and operational feasibility.

6.2 The Triumph of Ambition - Max Stake Bonus

In the ARENATON arena, audacity is a currency all its own. Players who dare to stretch beyond the prescribed maximum bet are not just acknowledged – they're celebrated. A gesture of 10% of their USDT stake is converted into ATON, applauding their bold move.

Technical Insight: In ARENATON, the game is about more than just the stake - it's about elevating the entire event. Players not only receive a bonus when their individual bets eclipse a set threshold but also when they initiate an event that does the same. Every instance a player's bet breaches the current maximum stake for an event, they're rewarded with this bonus. It's a testament to note that this max stake bonus is linked to the individual stake in play and not the cumulative stake of the event.

Example: Suppose the event's maximum bet is set at 500 USDT. Charles, feeling adventurous, places a stake of 600 USDT. For this act of exceeding the bar, he is granted a bonus in the ATON equivalent of 60 USDT.

Rationale: This mechanism isn't just a reward; it's a strategy. By incentivizing players to enhance the event pool, ARENATON encourages a dynamic and ever-evolving play environment, fostering competition and engagement.

6.3 The Closing Ritual - Close Event

In the intricate world of ARENATON, just as tales commence, they must inevitably close. Every event, having played out its saga, arrives at a denouement. Here, a player steps forward to signal the conclusion of this chapter, invoking the Oracle's unmatched expertise to pronounce the victory. And for this role, as the harbinger of closure, they are honored with a token of appreciation - a luminous reward valued at 10 USDT in the splendid ATON.

Technical Insight: The Oracle, with an eye for truth, consults its trusted aide, the FlashscoreAPI, to seal an event's fate. This process isn't a mere formality; it safeguards ARENATON's credibility and ensures fair play. To mark the end of an event, the system only requires the initiation of a lone player, a simplicity designed to keep the rhythm of the platform flowing smoothly. Example: Consider the suspense of a hard-fought tennis match drawing to its end. David, with anticipation bubbling within him, steps forth to signal the closure of this event. Upon the Oracle's validation through its meticulous cross-check, David finds himself endowed with a glittering reward, precisely the ATON equivalent of 10 USDT.

Rationale: In the realm of systems and processes, elegance is often birthed from simplicity. ARENATON's design, which allows a solitary player to spearhead the event's closure, is a testament to this principle. This design choice not only encourages active user participation but also trims down system redundancies. The allure of a fixed reward ensures that players remain at the forefront of this closure process, obviating the need for any external machinery to intervene in concluding events. Such an approach not only smoothen the operational flow but also judiciously manages the intrinsic costs of the Oracle. This harmony between automated systems and human agency ensures a seamless user experience.

Moreover, during this closing rite, the ATON factor is meticulously computed and solidified. It's a moment of utmost importance, ensuring that regardless of when players choose to claim their dues, they are met with a consistent and fair ATON factor, preserving the spirit of equality and fairness in rewards.

6.4 Journey of the Solo Gladiator - Singular Player Event

In the grand arena of ARENATON, not all gladiators are flanked by allies. Some walk the path alone, undaunted. The lone participant, even in solitude, isn't left bereft. They not only recover their full bounty but are also granted with an added 10% of their USDT stake, gleaming in ATON.

Technical Insight: Should a player find themselves as the sole contender in an event, ARENATON ensures they don't leave empty-handed. This protection extends even if their chosen team faces defeat.

Example: Picture Emily, placing her bet on a solo horse racing event. While she has no competitors, her courage isn't left unnoticed. On the event's conclusion, her 200 USDT stake finds its way back to her, complemented by an ATON bonus equivalent to 20 USDT.

Rationale: Treading the "Journey of the Solo Gladiator" can be daunting. The world of staking and betting often shies away from solitude, fearing the isolation of being the lone player. However, ARENATON seeks to rewrite this narrative. By assuring that every solo gladiator retrieves their entire stake, regardless of the event's outcome, it quashes the seeds of hesitation. The goal? Propel more players to pioneer ventures, ensuring that the ARENATON stage always buzzes with activity.

Importance of the Reward: Arenaton's 10% ATON bonus is more than just a reward; it's a strategic masterpiece. On one hand, it acts as a magnet, drawing players into the allure of staking. On the other, it serves as a beacon, encouraging strategic play. Even if a player's ATON is immobilized post-staking, it transcends the basic tenet of risk avoidance, rewarding audacity. On the other hand, this ATON bonus binds players closer to ARENATON. Receiving ATON isn't merely a transaction; it's an induction into a grander ecosystem, one that promises continuous engagement and growth. In its essence, every ATON awarded is ARENATON's pledge of allegiance to its users, a testament to their invaluable presence and the platform's unwavering commitment to their experience.

6.5 The Spoils of Victory - Event Success

Within the adrenaline-fueled coliseum of ARENATON, triumph offers more than just the sheen of glory; it also delivers the tangible rewards of conquest. Victors not only retrieve their initial stake, but they also draw a coveted portion from the treasury of the defeated. Augmented by the mystique of ATON leverage, even a diminutive stake can burgeon and cast an unexpectedly vast shadow.

Technical Insight: Post-victory, when victors stand tall, their rewards transcend the confines of their initial bets. They are entitled to a slice of the pie from the defeated's collective pot. Visualize this scenario: Amidst a fierce competition with a pot worth 1000 USDT, Frank, with the spirit of a champion, places a bet of 10 USDT - a sliver, equating to 1% of the total. Yet, the magic unfolds when he employs 5 USDT in ATON leverage. This strategic move amplifies his stake, allowing his potential rewards to burgeon as if he'd staked 1.497%.

Yet, this potent ATON leverage has its boundaries. Players can amplify their stakes using ATON up to a ceiling of 100% of their USDT stake. However, there's an intriguing twist. Even if a player's ATON is immobilized post-staking, the ATON factor isn't static; it continues to inflate between the event's initiation and its grand closure.

In contrast, when faced with the bitter taste of defeat, the ATON leverage's charm dissipates, leaving no trace on the final outcome.

Rationale: Embedding ATON leverage within the gameplay is both a stroke of genius and a beacon of opportunity. On one hand, it serves as a tantalizing lure, enticing players into the fray with the allure of magnified returns. A modest bet, when infused with the power of ATON leverage, promises outsized rewards, appealing to both the seasoned tactician and the budding enthusiast.

On the other hand, the dynamic nature of the increasing ATON factor introduces a compelling layer of strategy. Players are coaxed into a dance of decision-making, pondering when to stake and how much ATON to harness, all the while navigating the ever-fluctuating nature of the game, but they also accentuates potential gains but also deepens player engagement, transforming each stake, win, or draw into a heart-pounding affair. Through ATON leverage, ARENATON isn't just offering a game, but an exhilarating saga of strategy, foresight, and potential winds.

6.6 The Consolation Chant - Event Loss

In the grand theater of ARENATON, defeat doesn't echo with desolation but resounds with a comforting chorus. The arena acknowledges the courage to play, to risk, and sometimes, to lose. As such, the defeated aren't left to nurse their wounds alone. They are enveloped with a compassionate gesture: 30% of their USDT stake returned in the luminous embrace of ATON.

Technical Insight: The world of ARENATON thrives on the unpredictable dance of victory and defeat. While the thrill of victory is intoxicating, the platform understands the silent weight of loss. Therefore, to ensure that the spirit of the game remains undented, ARENATON cushions the blow of defeat. Players who don't emerge victoriously are still recognized for their valiant effort and are granted a generous portion of their stake in the form of ATON. Example: Take Grace as an illustration. She initiates a 50 USDT bet on a boxing match, feeling the pulse of hope and anticipation. However, the outcome wasn't in her favor. In the realm of ARENATON, however, she doesn't walk away empty-handed. She receives the ATON equivalent of 15 USDT, ensuring that even in loss, there's a note of consolation.

Rationale: Every arena is a testament to the dual nature of games: the exhilaration of wins and the solemnity of losses. ARENATON, with its visionary approach, ensures that this balance is not just maintained but celebrated. By offering 30% of the stake back in ATON, ARENATON sends a clear message to its players: Your courage to take part in a contest is valuable, and every step you take in this arena is recognized. This consolation strategy not only softens the impact of defeat but also builds a resilient community of players. They are more likely to reengage, knowing that ARENATON offers both challenges and support, in moments of triumph and in times of setbacks.

6.7 The Balance of Ties - Event Draw

In the nuanced dynamics of ARENATON, not every battle concludes with a distinct victor. Sometimes, the fates align, and combatants find themselves evenly matched, resulting in an elegant stalemate. When equilibrium reigns, the treasures are not hoarded but distributed evenly, embodying the essence of fairness.

Technical Insight: The world of ARENATON respects the balance that ties bring to the table. When the outcome is a draw, the platform ensures equitable distribution. However, the intricacies of ATON leverage introduce an interesting twist: in such scenarios, everyone emerges as a winner, but the degree of their winnings may vary. Example: Consider a pool of 100 USDT where Harry and Irene have equally staked 50 USDT each. In the event of a tie, the foundational principle dictates that both reclaim their 50 USDT. Yet, here's where the magic unfolds: more ATON than Irene, he might enjoy a higher return, effectively making ties an intriguing game of strategy and foresight.

Rationale: Ties, in many arenas, are often perceived as lackluster or inconclusive. Yet, in ARENATON, they are transformed into opportunities - moments where players can exercise foresight with their ATON leverage. By ensuring everyone's a winner in a tie, the platform promotes a positive gaming experience. The added layer of varying returns based on ATON leverage introduces an element of strategy, encouraging players to think ahead and optimize their stakes.

Furthermore, the generous reward of 15% of the USDT stake in ATON for all participants in a tie serves a dual purpose. Firstly, it's a celebratory nod to the balance of the game; a way to honor the equilibrium. Secondly, it strengthens the bond players have with the platform, fostering loyalty and encouraging repeated engagements. This holistic approach ensures that ties, rather than being mere pauses, become central, strategic chapters in the unfolding narrative of ARENATON.

6.8 The Winds of Change - Event Cancellation

In the unpredictable realm of ARENATON, events aren't always dictated by the valor of participants, but sometimes by the whims of fate. When the elements conspire, or unforeseen circumstances disrupt the playing field, the platform ensures that no player is left at the mercy of such vagaries. In times of abrupt cancellations, delays, or postponements, players are assured a safe haven, with a full restitution of their stakes.

Technical Insight: The ARENATON platform is designed with a deep understanding of the real-world variables that affect events. Recognizing the potential for unpredictable disruptions, the system ensures that players' investments are protected. In the event of any unforeseen changes to the scheduled match or competition, every participant is guaranteed a full return of their staked amount.

Example: Picture Larza. She's fervently awaiting a decisive football final, having staked 500 USDT on her favorite team. However, unforeseen circumstances lead to the match being postponed. In many arenas, her stake might be in jeopardy, but within ARENATON's protective fold, her 500 USDT is promptly returned, ensuring peace of mind amidst the uncertainty.

Rationale: Trust is the cornerstone of any platform's relationship with its users. ARENATON fortifies this trust by safeguarding player investments against the unpredictable. By ensuring a full restitution in the face of cancellations or postponements, the platform sends a clear message: player interest is paramount. Such meticulous care not only elevates user trust but also positions ARENATON as a beacon of innovation in the vast expanse of the blockchain universe.

Furthermore, retaining the rewards even in such scenarios is a gesture that goes beyond mere compensation; it's an affirmation of the platform's commitment to rewarding participation, irrespective of external circumstances. In this manner, ARENATON elevates itself from a mere gaming platform to a dependable ally, always putting player welfare at the forefront.

6.9 The Choice of Retreat - Player Stake Cancellation

In the intricate dance of ARENATON, while forward motion is celebrated, the choice of retreat is acknowledged, but not without its own set of consequences. To maintain the equilibrium of the game and to ensure fairness, early withdrawals invoke a gentle yet firm reminder: the ephemeral ATON leverage fades away, and a humble fee is levied, leaving players with 90% of their original USDT stake.

Technical Insight: Commitment within the arena is a two-way street. While ARENATON offers a wealth of rewards and engagements, it also expects a semblance of dedication from its players. Should one decide to reverse their stance prematurely, they forgo the benefits of the ATON leverage and incur a slight penalty, reminiscent of a commitment fee.

Example: For instance, envision Sophia, who, swayed by a moment's uncertainty, opts to retract her 150 USDT bet before the event's culmination. She receives back 135 USDT, with the residual 15 USDT enriching the pot for other players still in the game.

Rationale: A game's integrity is maintained not just by its rules but also by its ability to ensure consistent and fair play. If players could withdraw without consequences, the balance and dynamics of the game would be disrupted, potentially disadvantaging those who remain committed. The 1% retention serves multiple purposes. Firstly, it deters impulsive or strategic withdrawals, ensuring that the platform's financial health is maintained. Secondly, it compensates the remaining players, serving as a small boon for their unwavering participation. Lastly, it instills a sense of gravity to staking decisions, encouraging players to deliberate before entering and ensuring a more stable and committed player base. In the grand scheme, this approach fortifies the community's trust in the platform, knowing that it operates not just for transient players but for the dedicated enthusiasts who believe in the spirit of ARENATON.

6.10 The Keeper's Due - Vault Fee

In the grand amphitheater of ARENATON, where stakes are made and legends are born, there exists an underlying mechanism ensuring the stage's upkeep and longevity. It's a gentle tribute, a nod to the overseers and architects of this great game. This is the Keeper's Due. While taken from the collective chest, there's a benevolent leniency, a clemency bestowed upon those who skirt the margins of grandeur.

Technical Insight: Every theater of engagement has its costs. ARENATON, in its wisdom, ensures the continuity and enhancement of the platform by levying a small fee on the amassed pool. Yet, there's an inherent kindness in its application. For those who just about tip the scales of victory, the fee's burden is alleviated.

Example: Consider the scenario of Robert. Within a pool amassing 1000 USDT, a fee of 2% (20 USDT) is extracted. Robert, having laid down a stake of 100 USDT, finds himself on the victorious side, but only just, with a return of 100.5 USDT. For this close call and slender margin, ARENATON spares him the fee.

Rationale: While the vitality and excitement of ARENATON hinges on its players and events, the backbone is its robust structure and the ongoing enhancement it undergoes. The fee, or the Keeper's Due, ensures the platform's sustainability, covering operational costs, technological advancements, and further expansions. However, the act of sparing those who barely taste victory from this levy is a gesture of goodwill. It embodies the philosophy that every win, no matter how small, should be cherished and celebrated. By ensuring that these near-victors feel the full weight of their win without deductions, ARENATON reiterates its commitment to creating an experience where victories, in every form, are acknowledged and rewarded. This delicate balance between platform maintenance and player experience ensures long-term player retention and platform growth.

6.11 Epilogue: The Final Blessing - Claim Rewards

In the intricate narrative of ARENATON, the adventure's climax is symbolized by the triumphant return of the champions, laden with the treasures from their quests. This culminating act of claiming one's rightful reward is designed with a combination of grace and efficiency, culminating in a seamless transactional experience for every participant.

Technical Insight: A key challenge in the blockchain world revolves around transaction fees. ARENATON, with a deep understanding of this concern, has designed its reward claim mechanism to be both efficient and economical. Mia's journey offers a pertinent illustration: Participating in a myriad of events, she no longer faces the tedious task of individual claims. With a single, unified action, she can amass her rewards from multiple engagements, thereby minimizing transactional overheads.

Once claimed, these rewards are securely ensconced in the Vault. Within this sanctuary, players can convert their VUND into esteemed stable coins: DAI, USDC, or USDT, depending on the vault's reservoir. Crucially, this conversion mechanism operates under the principle of equilibrium. When it's time for the platform owner to withdraw fees, the Vault intuitively selects the stable coin with the highest balance. This strategic selection ensures a consistent and harmonized balance across the tri-pool, preventing any one coin from being depleted excessively.

As the story of ARENATON unfolds, its horizon is replete with innovation. Anticipation builds for the introduction of a Swap contract. This avant-garde feature will further incentivize withdrawals in the coin with the highest liquidity, fortifying the balance and robustness of the system.

Rationale: The essence of a platform's brilliance often lies in its user-centric approach. By streamlining the reward claim process and introducing strategic mechanisms like dynamic fee withdrawals, ARENATON accentuates its commitment to player convenience. The Vault's astute liquidity management, intertwined with incentives for balance, empowers players while maintaining the platform's financial health. Such meticulous care and functionalities not only elevate user trust but also position ARENATON as a beacon of innovation in the vast expanse of the blockchain universe.