# دراهم
# DARAHIM

Empowering financial freedom with Darahim.

**Whitepaper**

Version 1.0

# Summary

Darahim (DRHM) is a blockchain ecosystem designed to bridge the gap between cutting-edge technology and real-world usability. By leveraging scalability, affordability, and security, Darahim provides a robust platform for developers, businesses, and individuals to engage in decentralized finance, smart contract deployment, and tokenization. The platform is optimized for high transaction throughput, privacy, and user-friendliness, ensuring seamless integration into diverse industries such as finance, gaming, supply chain, and identity management. With a 30-stage presale aimed at raising $100 million and a target listing price of $1 per token, Darahim sets the foundation for widespread adoption and long-term growth.

## Legal Disclaimer

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DARAHIM

# 1. Introduction

## 1.1 Overview

Darahim (DRHM) is a next-generation blockchain ecosystem, meticulously designed to address the key challenges facing blockchain adoption today: scalability, high transaction fees, security, and user accessibility. By combining the most successful elements of existing blockchain technologies and enhancing them with unique innovations, Darahim sets a new benchmark for decentralized ecosystems. The platform supports the deployment of decentralized applications (dApps), custom token creation, and scalable financial solutions.

The cryptocurrency space is evolving rapidly, yet many projects fail to provide sustainable solutions to real-world problems. Darahim differentiates itself by focusing on accessibility and utility, introducing a mobile-first mining system, quantum-resistant security protocols, and affordable transaction fees. The ecosystem is designed to scale effortlessly, with features such as sharding and parallel processing enabling **100,000+ transactions per second (TPS)** while maintaining decentralization.

Through an innovative presale structure divided into 30 stages, Darahim aims to raise $100 million, providing ample funding to develop a fully operational blockchain platform with a robust ecosystem. With a target listing price of $1 per DRHM, early participants are incentivized to join the network's journey while supporting its growth.

## 1.2 The Need for Darahim

As blockchain technology matures, several limitations have emerged, hindering its mass adoption:

### Scalability Challenges:

Many blockchains struggle to process high volumes of transactions efficiently, leading to network congestion and high fees during peak activity. Darahim integrates advanced sharding and parallel processing technologies to handle over 100,000 TPS, ensuring scalability as user adoption grows.

## High Costs:

Existing networks often impose high transaction fees, making micro-transactions and smaller-scale applications impractical. Darahim employs a dynamic fee model, ensuring affordable transactions even during periods of high demand.

## Security Concerns

The growing threat of quantum computing necessitates a forward-looking approach to blockchain security. Darahim adopts quantum-resistant cryptographic algorithms to future-proof the network.

## Complexity for Developers and Users:

Many blockchains lack the tools and resources to make token creation and dApp development accessible to non-technical users. Darahim provides an intuitive one-click token deployment platform and pre-built templates for smart contracts, simplifying blockchain interaction.

## 1.3 Core Features

Darahim (DRHM) is a next-generation blockchain ecosystem, meticulously designed to

## Scalable Architecture

By incorporating sharding and layered node structures, Darahim achieves unparalleled transaction speeds and low latency, making it suitable for real-time applications such as gaming, finance, and supply chain management.

## Decentralized Governance

Token holders participate in decision-making processes, voting on upgrades and funding proposals to shape the network's future.

## Mobile-First Mining

Accessible mining through a dedicated mobile app lowers the barrier to entry, allowing users to contribute to network security without requiring specialized hardware.

## Interoperability

Darahim's cross-chain compatibility enables seamless interaction with external networks, fostering an ecosystem of interconnected blockchains.

## Tokenized Credit Cards

Integrated credit card solutions allow users to spend DRHM tokens directly in real-world transactions, bridging the gap between blockchain and everyday life.

## 1.4 Strategic Objectives

Darahim aims to achieve the following milestones:

- Raise $100 million through a 30-stage presale to fund development, marketing, and ecosystem growth.
- Launch a fully operational mainnet capable of supporting dApps, token creation, and high-throughput transactions.
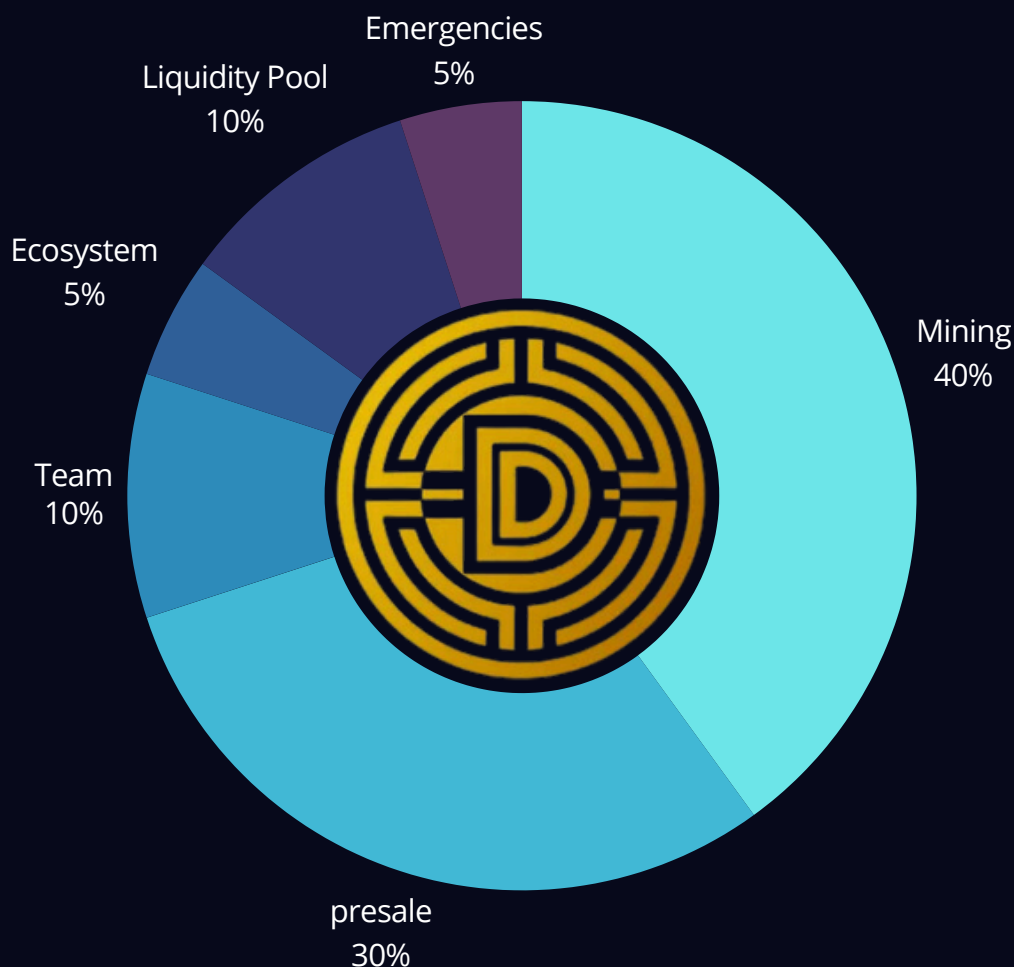- Achieve a $1 listing price per DRHM token, ensuring stability and liquidity in the market.

# 2. Tokenomics

## 2.1 Total Supply

Darahim has a fixed total supply of **1,000,000,000 DRHM,** ensuring scarcity and long-term value. The allocation strategy balances rewards for early adopters, incentives for long-term participation, and funding for ecosystem growth.

## Token Allocation:

- 40% (400,000,000 DRHM): Reserved for mining and staking rewards, incentivizing users to secure the network.
- 30% (300,000,000 DRHM): Allocated for the presale, divided into 30 stages.
- 10% (100,000,000 DRHM): Allocated to the team, with a 3-year vesting period and a 6-month cliff to ensure commitment and alignment with project success.
- 5% (50,000,000 DRHM): Reserved for ecosystem development, funding grants, partnerships, and dApp creation.
- 5% (50,000,000 DRHM): Set aside as a reserve fund for emergencies and unforeseen opportunities.
- 10% (100,000,000 DRHM): Allocated for the liquidity pool to support market stability and trading efficiency.

## 2.2 Presale Structure

**Key Objectives of the Presale:**

- Raise $100 million in funding to support blockchain development, marketing, and ecosystem growth.
- Gradually increase token value across 30 stages, rewarding early participants and driving demand.
- Ensure equitable distribution of tokens, allowing users at all levels to participate.

**Presale Details:**

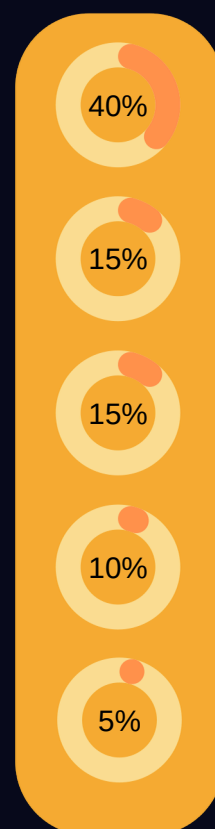| Stage | Price per Token ($) | Tokens Allocated | Funds Raised ($) |
|-------|---------------------|------------------|------------------|
| 1 | 0.005 | 10,000,000 | 50,000 |
| 2 | 0.01 | 10,000,000 | 100,000 |
| 3 | 0.03 | 10,000,000 | 300,000 |
| 4 | 0.06 | 10,000,000 | 600,000 |
| 5 | 0.08 | 10,000,000 | 800,000 |
| 6 | 0.11 | 10,000,000 | 1,100,000 |
| 7 | 0.14 | 10,000,000 | 1,400,000 |
| 8 | 0.17 | 10,000,000 | 1,700,000 |
| 9 | 0.20 | 10,000,000 | 2,000,000 |
| 10 | 0.24 | 10,000,000 | 2,400,000 |
| 11 | 0.27 | 10,000,000 | 2,700,000 |
| 12 | 0.30 | 10,000,000 | 3,000,000 |
| 13 | 0.33 | 10,000,000 | 3,300,000 |
| 14 | 0.36 | 10,000,000 | 3,600,000 |
| 15 | 0.40 | 10,000,000 | 4,000,000 |
| 16 | 0.43 | 10,000,000 | 4,300,000 |
| 17 | 0.46 | 10,000,000 | 4,600,000 |
| 18 | 0.48 | 10,000,000 | 4,800,000 |
| 19 | 0.50 | 10,000,000 | 5,000,000 |
| 20 | 0.52 | 10,000,000 | 5,200,000 |
| 21 | 0.54 | 10,000,000 | 5,400,000 |
| 22 | 0.56 | 10,000,000 | 5,600,000 |
| 23 | 0.58 | 10,000,000 | 5,800,000 |
| 24 | 0.60 | 10,000,000 | 6,000,000 |
| 25 | 0.65 | 10,000,000 | 6,500,000 |
| 26 | 0.70 | 10,000,000 | 7,000,000 |
| 27 | 0.75 | 10,000,000 | 7,500,000 |
| 28 | 0.80 | 10,000,000 | 8,000,000 |
| 29 | 0.90 | 10,000,000 | 9,000,000 |
| 30 | 0.97 | 10,000,000 | 9,700,000 |

# Total Tokens Sold: 300,000,000 DRHM
# Total Funds Raised: $121,450,000

## 2.3 Fund Allocation

Funds raised during the presale will be distributed strategically to ensure project sustainability and long-term success:

- **40%:** Core blockchain development (infrastructure, mobile app, tools).

- **30%:** Marketing, partnerships, and community-building efforts.

- **15%:** Operational expenses, including legal and compliance costs.

- **10%:** Reserve fund for contingencies and market interventions.

- **5%:** Ecosystem development, including grants for developers and enterprises.

40%

15%

15%

10%

5%

## 2.4 Listing Strategy

• Target Listing Price: $1 per DRHM token on major centralized and decentralized exchanges.
• Liquidity Provision: Significant presale funds will be allocated to liquidity pools, ensuring smooth trading and price stability at launch.

**Benefits of the 30-Stage Presale:**

1. Rewarding Early Participants: The first 10 stages offer significantly discounted prices, incentivizing early investors.
2. Controlled Price Growth: Gradual price increases across 30 stages reflect the growing value and demand for the token.
3. Market Confidence: The final stage price of $0.95 prepares the token for a seamless transition to a $1 listing price, ensuring stability and liquidity upon launch.

# 3. Blockchain Technology

### 3.1 Overview

The Darahim blockchain is a state-of-the-art decentralized network, engineered to address the limitations of existing blockchains while incorporating their most successful features. It leverages advanced scalability techniques, high-speed processing, and cutting-edge security protocols to deliver a seamless experience for developers, businesses, and individual users.

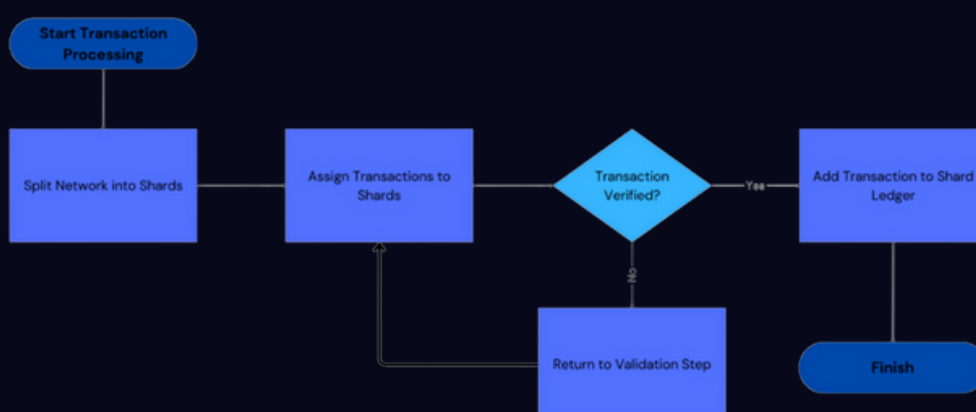**Darahim's architecture focuses on three core pillars:**

- **Scalability:** The network is capable of handling a high number of transactions per second (TPS), making it suitable for real-time applications such as payments, gaming, and DeFi.
- **Affordability:** A dynamic fee structure ensures that users can transact at low costs, even during peak usage. **Security:** Advanced cryptographic methods, including
- quantumresistant algorithms and zk-SNARKs, protect the network against emerging threats.

### 3.2 Scalability
**Sharding Technology**

Darahim employs sharding, a process that divides the network into smaller partitions called "shards." Each shard processes its own set of transactions, allowing the network to handle multiple transactions simultaneously. This reduces congestion and ensures high throughput.

- **Parallel Processing:** Transactions are processed concurrently across shards, enabling the network to achieve over 100,000 TPS.
- **Dynamic Sharding: The** network dynamically adjusts the number of shards based on transaction volume, ensuring optimal performance.

## Layered Node Architecture

The network features a multi-layer node structure, enhancing decentralization and security:

- **Validator Nodes:** Secure the network by validating transactions and proposing new blocks.
- **Full Nodes:** Maintain a complete copy of the blockchain for redundancy and security.
- **Light Nodes:** Enable users to interact with the network without storing the full blockchain, optimizing resource usage.

## 3.3 Smart Contracts

Darahim introduces an advanced smart contract system that is both powerful and user-friendly. Developers can deploy decentralized applications (dApps) and custom tokens with minimal effort, using prebuilt templates and an intuitive interface.

### Features of Darahim Smart Contracts:

- **Custom Token Deployment:** Users can create fungible and nonfungible tokens with customizable parameters, including supply, governance, and burn mechanisms.
- **Geo-Based Execution:** Contracts can be programmed to execute based on geographic conditions, enabling compliance with regional regulations.
- **Cross-Chain Interoperability:** Smart contracts can interact with other blockchains, facilitating asset transfers and cross-platform dApps.

## 3.4 Security

### Quantum-Resistant Cryptography

Darahim uses lattice-based cryptographic algorithms to safeguard the network against quantum computing attacks. This ensures that the blockchain remains secure even as computational power advances.

### Zero-Knowledge Proofs (zk-SNARKs)

zk-SNARKs (Zero-Knowledge Succinct Non-Interactive Argument of Knowledge) allow users to prove the validity of transactions without revealing sensitive information. This enhances privacy while maintaining transparency and trust within the network.

### Regular Security Audits

Darahim undergoes routine audits by top blockchain security firms to identify and mitigate vulnerabilities. A bug bounty program incentivizes the community to contribute to the network's security.

# 4. Mining and Staking

## 4.1 Mobile-First Mining

- Darahim introduces an innovative mobile-first mining system, making blockchain participation accessible to anyone with a smartphone. This approach democratizes mining and encourages global adoption.

### Key Features:

- **Easy Setup:** Users can mine DRHM tokens with minimal technical knowledge.
- **Tiered Mining Rewards:** Participants can enhance their mining efficiency by upgrading their accounts.
- **Energy Efficiency:** The mining system is optimized to consume minimal resources, aligning with environmental sustainability goals.

## 4.2 Staking

Staking is an integral part of Darahim's Proof-of-Stake (PoS) consensus mechanism, allowing token holders to secure the network and earn rewards.

### Benefits of Staking:

1. Passive Income: Stakers earn rewards proportional to their stake.
2. Network Security: By staking tokens, participants help secure the network against attacks.
3. Governance Participation: Stakers gain voting rights, enabling them to influence the network's direction.

### Flexible Staking Options:

- Stakers can choose lock-in periods ranging from 1 month to 1 year, with longer durations offering higher rewards.
- Early unstaking incurs a penalty, encouraging network stability.

# 5. Use Cases

## 5.1 Decentralized Finance (DeFi)

Darahim provides the infrastructure for a wide range of DeFi applications, including:

- **Lending and Borrowing:** Users can lend assets to earn interest or borrow against their holdings.
- **Yield Farming:** Token holders can stake their DRHM in liquidity pools to earn rewards.
- **Decentralized Exchanges (DEXs):** Built-in DEX capabilities enable users to trade tokens directly on the network.

## 5.2 Tokenized Payments

Darahim bridges the gap between blockchain and real-world transactions with its tokenized credit card system:

- **Instant Payments:** Users can spend DRHM tokens at millions of merchants worldwide.
- **Real-Time Conversion:** DRHM tokens are converted to fiat currencies at the point of sale, ensuring seamless transactions.
- **Low Fees:** Transactions incur minimal fees, making Darahim an attractive alternative to traditional payment systems.

## 5.3 Enterprise Solutions
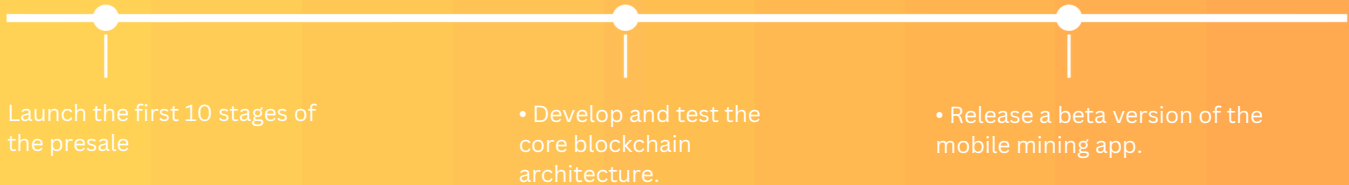
### Supply Chain Management

Darahim's blockchain enables transparent tracking of goods and services, reducing fraud and improving operational efficiency.
Decentralized identity solutions built on Darahim allow users to verify their identities securely while retaining control over their personal data.
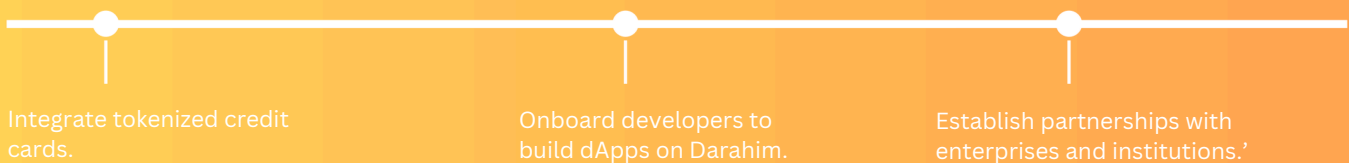
# Roadmap

## Phase 1: Foundation (2024 Q4 – 2025 Q2)

Launch the first 10 stages of the presale

• Develop and test the core blockchain architecture.

• Release a beta version of the mobile mining app.

## Phase 2: Mainnet Launch (2025 Q3 – 2026 Q1)

Complete the presale with 30 stages.

Deploy the mainnet with staking and token deployment functionality.

Begin listing DRHM on major centralized and decentralized exchanges.

## Phase 3: Ecosystem Expansion (2026 Q2 – 2027 Q1)

Integrate tokenized credit cards.

Onboard developers to build dApps on Darahim.

Establish partnerships with enterprises and institutions.'

## Phase 4: Mass Adoption (2027 Q2 and Beyond)

Launch global marketing campaigns.

Expand into new industries, including gaming and healthcare.

Continuously upgrade the network to enhance scalability and usability

# Conclusion

Darahim (DRHM) is more than a blockchain; it's a comprehensive ecosystem designed to empower users, developers, and businesses alike. By integrating the best features of modern blockchain technology and introducing groundbreaking innovations, Darahim is positioned to lead the next wave of blockchain adoption. Join us in building a decentralized future where technology serves everyone.

# Contact us

If you have any questions or concerns , please contact us on:

**https://www.darahim.co/**