Feb - Mar

20
26

HertzFlow

Monthly
Report

HertzFlow

1.0

Executive Summary

HertzFlow achieved critical progress this month across system performance architecture optimization, mobile experience adaptation, and advanced trading mechanism research. Cross-functional execution maintained a stable rhythm, with clear product and technical paths forward.

Four Primary Tracks

Oracle/Keeper
- DB & Keeper refactored, tx times reduced to 3-5s.

Trade
- Advanced trading technical frameworks initiated.
- Frontend contract integration reached ~70% completion.

Pools / Vaults
- H5 architecture completed.
- Caching & rendering optimized.

Release Readiness
- Full-stack automated testing suite established.
- Daily smoke tests and automated bot scripts sustained.

Key Achievements
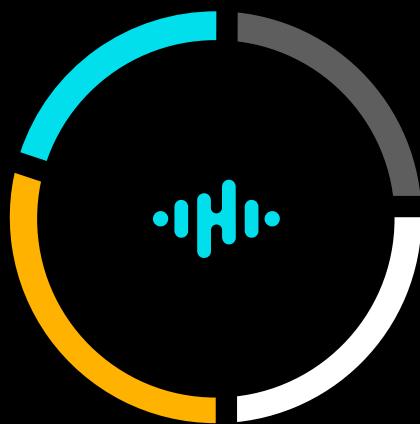
Product & Design
- Delivered the latest iterative release and finalized data definitions. Advancing Vault UI, display optimizations, and PRDs.

Technical Progress
- Frontend contract integrated; mobile data caching optimized.
- Backend deployed Keeper primary/backup nodes and resolved TPS bottlenecks.
- Validated extreme-market liquidation logic and reviewing core contract parameters.

Key Deliverables

PM & PD ■ **FE** ■ **BE & SC** ■ **QA & Ops** ■

PM & PD
- Iterative release & data definitions finalized.
- Vault UI refinements & Balance display advancing.
- Advanced trading PRD alignment ongoing.

FE
- H5 Pool & Vault pages completed.
- Smart contract integrated.
- Mobile caching & rendering optimized.

BE & SC
- Keeper primary/backup nodes deployed.
- Transaction time reduced to 3–5s.
- Core contract parameters under review.
- Extreme–market liquidation logic validated.

QA & Ops
- Full–stack automated test suite established.
- Daily stress tests & bot scripts sustained.

1.2

Key Progress

Technical Progress

Engineering efforts have shifted toward enhancing base-layer concurrency and refining data architecture, ensuring high availability under extreme load scenarios.

- Keeper System: Implemented multicall and multi-address execution support. Deployed primary/backup nodes to ensure high availability during extreme network loads.
- Database & Optimization: Integrated Redis caching and batch processing for high-frequency queries, successfully cutting transaction confirmation times to 3-5 seconds.
- Data Sync & Consistency: Fixed external node event-dropping issues and deployed a block-scanning backup mechanism to guarantee absolute on-chain state accuracy.
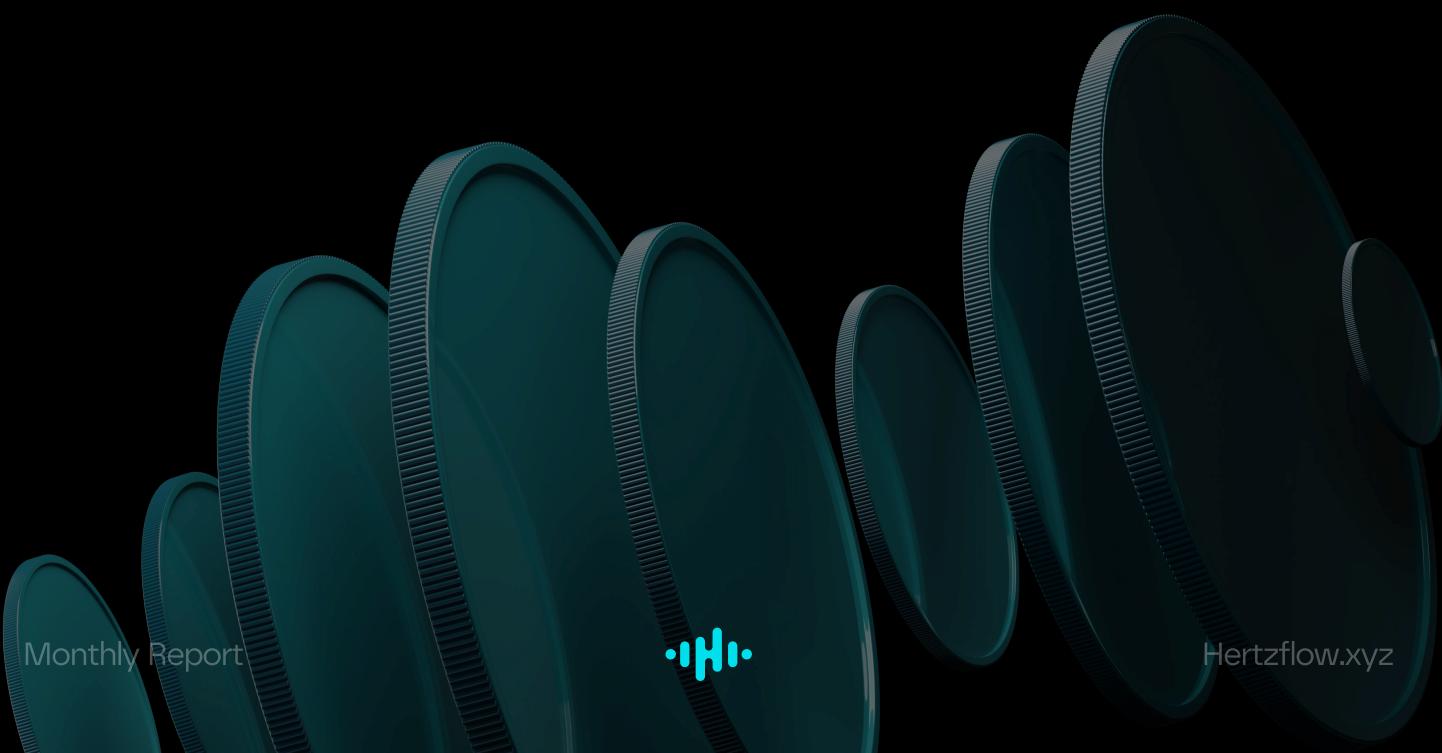
1.2

Key Progress

Product Experience

Product initiatives are currently prioritizing seamless interactions and transparency, with core workflows stabilizing into a phase of detailed refinement.

- Mobile Experience (H5): Completed H5 architecture for Pool and Vault pages. Revamped data fetching and caching mechanisms to drastically improve mobile load speeds.
- UI & Core Components: Standardized and advanced UI optimizations for Vault, balance displays, and trading charts to enhance visual hierarchy.
- User Trust & Feedback: Launched a real-time RPC status indicator to improve trade certainty and reduce user friction during periods of network latency.

Key Progress

Ecosystem & External Readiness

External integrations and testing methodologies are actively scaling up, ensuring the protocol's infrastructure remains highly resilient across diverse market conditions.

- Testing Automation: Benchmarked mature industry protocols to establish a comprehensive, full-stack automated testing suite for both frontend and smart contracts.
- Infrastructure Resilience: Conducted extreme-case stress evaluations on external RPC providers and instituted robust fallback plans to prevent critical data loss.
- Protocol Elasticity: Enabled remote configuration support for Token parameters, laying a flexible foundation for broader asset coverage and cross-chain scalability.

1.3

Current Progress

PM & PD	Core Release Delivered		100%
PM & PD	Advanced Trading PRDs		80%
BE & SC	Keeper Concurrency Upgrade		100%
BE & SC	Database Architecture		100%
FE	Mobile (H5) Architecture		100%
FE	Upgraded Contract Integration		70%
QA & Ops	Automated Test Suite		90%
QA & Ops	System Operations		100%

Risks & Status

Risk	Impact	Status
Advanced trading models	Requires parameter sync	Under review

Next Month Objectives

Key Execution Focus

Team	Target	Description
FE / BE / SC	Advanced trading alignment	Validate architecture & logic
SC	Contract maintenance	Ongoing contract operations and core parameter review
PM / Design	Trading PRDs	Finalize user flows
FE	UI Integration	Finalize contract mappings
Keeper / BE	Data APIs	Complete backend analytics
QA / Ops	Automated testing expansion	Perfect automated cases and execute daily smoke tests

2.2

Milestones

1

Mar Week 1 - 2

Advanced trading PRD finalized
Team: PM / Design

Contract integration sweep verified
Team: FE / BE

2

Mar Week3

Market page performance tuning complete
Team: FE / BE

Chart API & UI integration validated
Team: FE / BE

3

Mar Week4

Monthly checkpoint & scope convergence
Team: ALL

2.2

Upcoming Schedule

Project Development Gantt Chart (2026 Mar)

Period: 03/01 – 03/31 · Time Slots: Week · Team: Colored

■ FE   ■ BE   ■ SC   ■ Keeper   ■ PM & PD   ■ QA & Ops

	W1	W2	W3	W4
FE	Contract integration sweep	Market page & Chart optimization		
BE	Dashboard data prep		Chart API validation	
SC	Trading params review		Testnet configuration	
Keeper	Concurrency scaling support			
PM & PD	Advanced trading PRD	UI/UX tracking & review		
QA & Ops	Auto-test expansion & smoke tests			