

# A Non-Custodial Interface for Global Trading and Stablecoin Finance

HyperTrade is building a mobile-first interface that makes advanced onchain markets usable by everyday users while preserving self-custody, transparent execution, and user-controlled authorization.

MARKET

Global

CUSTODY

User-owned

RAILS

Stablecoin-native

EXECUTION

Hyperliquid

- **Vision: make onchain trading and stablecoin finance feel as simple as a neobank, while keeping the user in control of funds and signatures.**

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# 1. Vision and Goals

HyperTrade is designed for a global audience. The target user is not only the crypto-native trader who understands perpetual futures, RPCs, chain IDs, and gas. It is also the mobile user who wants dollar-denominated balances, intuitive market access, clear risk controls, and eventually the ability to use stablecoins for daily financial life.

The long-term goal is to make HyperTrade a casual, easy-to-use trading and stablecoin finance interface for all levels of users: beginners who need guided education, active traders who need speed, and professionals who want mobile access to onchain markets without giving up custody.

- **For entry users:** remove wallet friction, explain risk, provide demo practice, and make deposits feel like a modern fintech flow.
- **For active traders:** provide fast order entry, portfolio monitoring, one-tap trading setup, and direct Hyperliquid execution.
- **For global stablecoin users:** evolve from trading balances into cards, payments, and bill-pay style everyday utility.
- **For partners and investors:** build at the intersection of onchain execution, stablecoin adoption, mobile distribution, and AI-assisted finance.

• **The product goal is not only to trade more assets. It is to make onchain financial infrastructure usable globally without turning the app into a custodian.**

## 2. Why Now: Global Stablecoins and Onchain Markets

Stablecoins have become one of crypto's clearest product-market-fit categories: dollar-like balances, global transferability, and fast settlement. At the same time, onchain market infrastructure is moving beyond crypto-only speculation into equities, commodities, FX, and index exposure.

HyperTrade sits at the edge of this convergence. A user who starts with a USDC trading balance can later become a stablecoin payment user. A user who starts with a simple market order can later use advanced perps, portfolio tools, AI analysis, or a card product.

This matters globally. In many markets, access to stable dollar balances, always-on markets, and cross-border payments is more useful than another zero-utility token. HyperTrade's thesis is that useful financial rails will outperform purely narrative-driven crypto applications.

**STABLECOINS**

**payments + savings**

**PERPS**

**global market access**

**MOBILE**

**mass distribution**

**AI**

**decision support**

# 3. Product: A Trading Interface for Every Level

HyperTrade is an interface, not a traditional broker. The app helps users prepare, sign, and submit transactions while keeping funds in user-controlled wallets and routing execution to external onchain infrastructure.

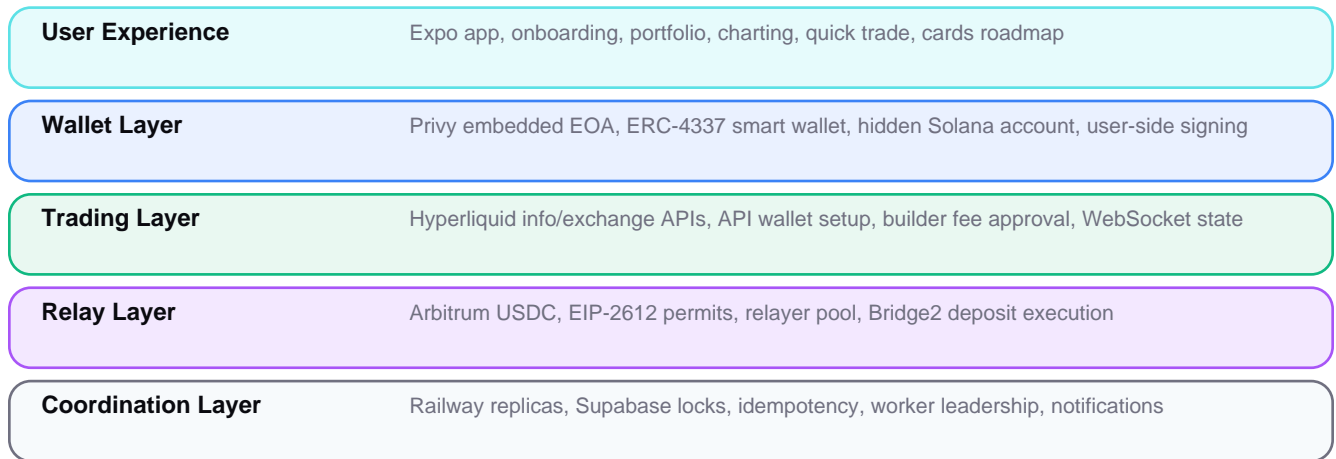
User Need	HyperTrade Response
Easy onboarding	Privy email, Google, and Apple login with automatic embedded wallet creation.
Simple balances	Wallet balance, trading balance, and portfolio screens with clear transfer states.
Fast trading	Hyperliquid API-wallet setup enables one-tap order signing after user approval.
Risk awareness	Margin previews, leverage controls, liquidation estimates, reduce-only guards, and education-first copy.
Future everyday finance	Cards and payments roadmap to connect stablecoin balances to real-world spending.

## Experience principles

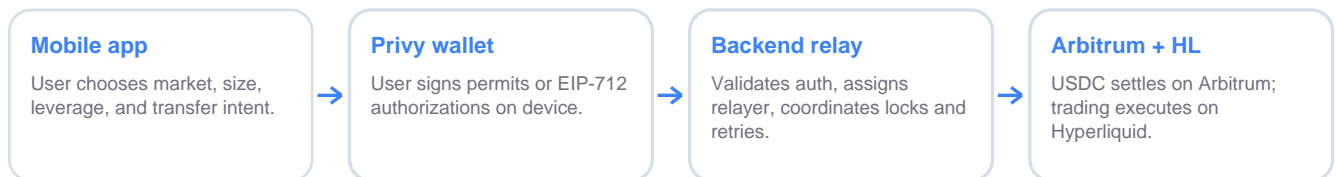
- **Start simple, reveal depth:** new users can place a straightforward trade, while advanced users still get leverage, margin mode, order editing, and portfolio controls.
- **Make balances legible:** wallet funds, trading funds, and future card balances should never be ambiguous.
- **Respect user control:** every sensitive action remains user-authorized, even when the app hides operational complexity.

## 4. Architecture Overview

The current architecture is intentionally modular. User identity and wallet signing live in the mobile app. Backend services coordinate relays, market data, notifications, and operational state. Hyperliquid is the active execution venue. Arbitrum USDC is the stablecoin settlement rail.

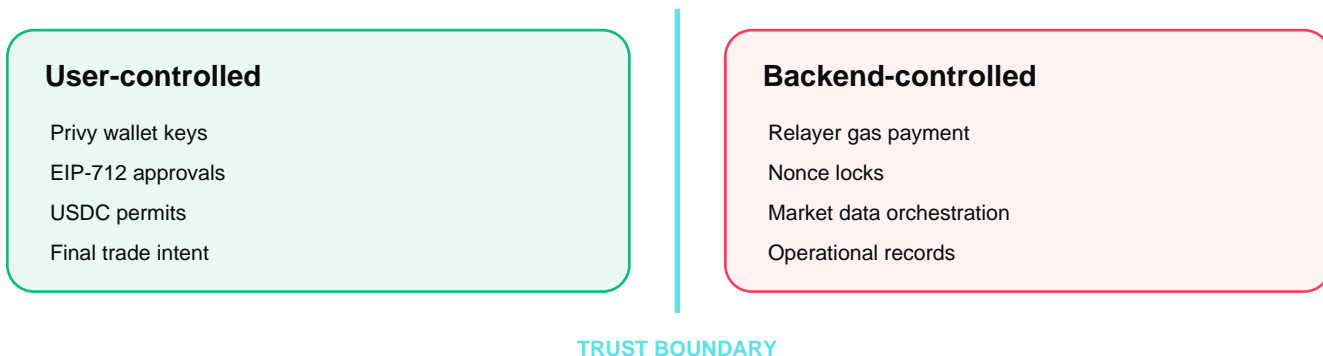


### System flow: from user intent to execution



# 5. Wallet, Custody, and Gasless Infrastructure

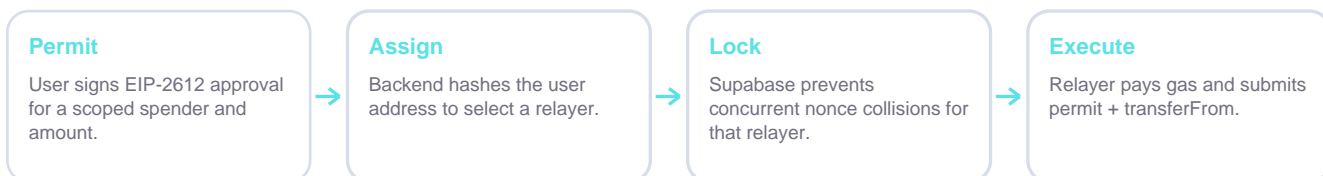
HyperTrade uses Privy to make wallet ownership accessible. Users can authenticate through email, Google, or Apple. The app creates an embedded Ethereum wallet for users without one, wires a Privy smart wallet for ERC-4337 account abstraction, and defensively creates a Solana wallet that remains hidden from the UI today. Arbitrum is the active EVM chain.



## Gasless relay design

Users sign EIP-2612 USDC permits on device. The backend cannot move funds by itself; it can only submit the exact action authorized by the user. A deterministic relay assignment maps each wallet to one relay, and Supabase locks serialize nonce-sensitive execution across Railway replicas.

### Gasless USDC permit relay



## 6. Hyperliquid Execution, Non-Crypto Perpetuals, and Outcome Markets

Hyperliquid is the active execution venue for HyperTrade. The app integrates Hyperliquid info APIs, exchange APIs, WebSocket state, API-wallet order signing, builder fee approvals, and environment-scoped caches for clean separation between live and test environments.

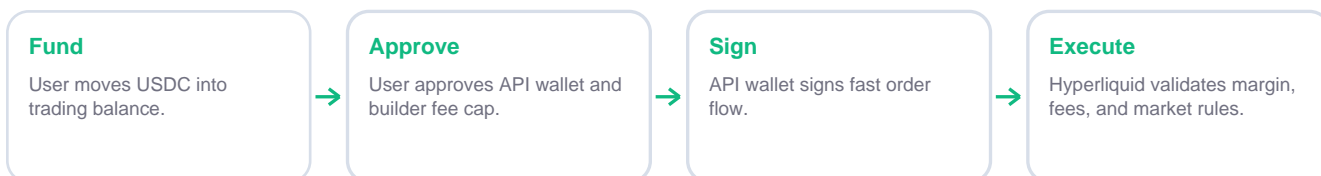
One of the most important market shifts is that onchain perpetual markets are expanding beyond crypto. Public reporting in early 2026 cited Hyperliquid HIP-3 markets reaching roughly \$1.4B in open interest, with oil and other non-crypto markets driving significant demand. This is aligned with HyperTrade's broader thesis: users do not only want memecoins and low-utility tokens; they want access to global macro, commodities, FX, indices, and equities in one mobile interface.

HyperTrade can tap HIP-3 providers such as XYZ Markets and other deployers as they bring more non-crypto markets onchain. This gives the app a path to diversify away from bloated crypto-only listings and toward markets users already understand: oil, gold, forex, large equities, and major indices.

A second category worth watching is outcome trading. Hyperliquid's HIP-4 work is publicly described by ecosystem coverage as outcome or prediction-market infrastructure, live on testnet and aimed at binary/range outcomes that can resemble prediction markets or bounded options. Prediction markets such as Polymarket and Kalshi have shown strong consumer demand for event-based trading; if HIP-4 matures on mainnet, HyperTrade can extend the same mobile interface principles to outcomes without rebuilding the underlying market infrastructure.

For HyperTrade, this matters strategically: perpetuals, non-crypto HIP-3 markets, and future outcome markets all point in the same direction — onchain markets are becoming a general interface for trading views about the world, not only crypto token prices.

### Hyperliquid trading setup



## 7. Regulatory and Policy Landscape

HyperTrade should be understood as a user interface and wallet-connected application, not as a custodian. This distinction is increasingly important as regulators clarify how self-custodial trading interfaces fit within existing frameworks.

In April 2026, SEC Division of Trading and Markets staff issued a statement on broker-dealer registration for certain user interfaces used to prepare crypto asset securities transactions. The statement is not a Commission rule and has no independent legal force, but it is directionally important: it describes conditions under which staff would not object to certain covered user interface providers operating without broker-dealer registration, including self-custodial wallet contexts, objective parameters, educational material, disclosures, and no custody of user funds.

HyperTrade's design philosophy is consistent with several principles highlighted in that staff statement: users control wallets, the app prepares transaction parameters, fees and limitations should be disclosed, and the interface should avoid discretionary control over user funds or execution decisions. This is not legal advice, and product rollout must continue to be reviewed jurisdiction by jurisdiction.

Separately, the Hyperliquid Policy Center launched in February 2026 as an independent research and advocacy organization focused on decentralized market infrastructure, perpetual derivatives, and practical regulatory frameworks. Its existence is a positive ecosystem development for interfaces like HyperTrade because policy clarity around decentralized markets can reduce uncertainty for builders, partners, and users.

## 8. Cards and Stablecoin Payments Roadmap

Cards are not a cosmetic add-on. They are a route from trading balances to everyday financial life. Around the world, crypto card products have shown that many users want stablecoin balances they can spend, not just trade. A card layer can turn HyperTrade from a trading application into a stablecoin finance app.

The key is partner-led compliance. Card programs, banking rails, KYC, AML, regional restrictions, and transaction monitoring should be handled by licensed or specialized providers. HyperTrade's role is to make the user experience coherent: wallet balance, trading balance, card balance, top-up flow, and disclosures should be clear.

For many users globally, a crypto card behaves like a mini neobank: a dollar-linked balance, cross-border usability, merchant acceptance, and a bridge between digital assets and real-world bills. The opportunity is especially strong in regions where stablecoins already function as savings and payments infrastructure.

Card Principle	Product Implication
Partner-led KYC/AML	Regulated providers handle onboarding, checks, and card program obligations.
Stablecoin utility	Users can convert wallet balances into everyday spending power.
Clear balance model	Trading funds, wallet funds, and card funds must be visually distinct.
Global-first UX	Cards should support users who think in dollars but live across many local currencies.

# 9. Revenue Model and Sustainable Growth

HyperTrade is designed around a lightweight, scalable revenue model. The product does not need to operate a matching engine, custodian, market maker balance sheet, or exchange back office to begin monetizing. Instead, it sits as a high-quality interface layer on top of mature external infrastructure: Privy for wallet onboarding, Arbitrum for USDC rails, Supabase for operational state, Railway for backend deployment, and Hyperliquid for execution.

The current revenue model is the Hyperliquid builder model. Users approve a transparent builder fee cap during one-tap setup, and orders can include HyperTrade's builder code. This lets the app monetize usage while keeping execution on Hyperliquid and custody with the user. The key alignment is simple: revenue grows with real trading activity and product adoption, not with custody, hidden spreads, or user deposits sitting on a company balance sheet.

Revenue Stream	Status	Why It Scales
Hyperliquid builder fees	Active infrastructure	Usage-based revenue from order flow through the interface, with user-approved fee caps.
Cards and payments	Roadmap	Potential partner revenue from card activity, top-ups, FX/spend programs, or negotiated revenue share depending on provider model.
AI-assisted premium features	Future	Potential subscriptions or advanced tools for research, risk monitoring, and agentic workflows.

## Cost structure

- **Low fixed cost:** Railway, Supabase, Privy, RPC providers, notifications, analytics, and standard monitoring are manageable compared with operating exchange or custody infrastructure.
- **Usage-aligned upside:** builder revenue increases as real trading usage increases.
- **Operational leverage:** more users do not require a proportional increase in headcount or servers because core coordination is stateless and lock-driven.
- **Runway discipline:** modest infrastructure costs reduce pressure to over-monetize early users or rush token launches before the regulatory environment is ready.

- **Business model principle: monetize the interface layer transparently while keeping custody, settlement, and market execution in specialized infrastructure.**

# 10. AI Agents and Market Intelligence

HyperTrade already includes Gemini-backed AI analysis for market context. The larger opportunity is an AI layer that reads markets the way a human analyst would: charts, news, onchain futures data, options flows, funding, open interest, volatility, and portfolio exposure.

Internally, the roadmap includes experimentation with fully automated AI trading research using onchain futures data and options flow signals. The product philosophy should remain user-controlled: AI can analyze, propose, simulate, and monitor, while sensitive execution remains bounded by wallet authorization, session policy, and explicit user limits.

## Future AI agent loop



# 11. Community, Token Philosophy, and Roadmap

HyperTrade's FAQ currently states a conservative position on a token or airdrop: early users should be rewarded, but token distribution is postponed until the regulatory landscape is clearer. The planned philosophy is user ownership, not rushed speculation.

The stated direction is a future HTX distribution with a large majority allocation to users, tied to real usage, loyalty, trading activity, referrals, and feature engagement. This framing matters: the app should reward authentic participation rather than passive farming.

## Roadmap themes

- Improve the core Hyperliquid trading interface for both casual and advanced users.
- Expand stablecoin utility through card partnerships, payments, and everyday finance use cases.
- Monitor Hyperliquid HIP-4 outcome markets as a potential future surface for prediction-market style user demand.
- Deepen AI analysis into agentic workflows while preserving user authorization and risk controls.
- Maintain non-custodial architecture as the product expands.
- Stay deliberate on token design until compliance and market structure are clearer.

# 12. Risk, Security, and Trust Model

HyperTrade's security model is narrow by design. User wallets sign. Relayers relay. Hyperliquid executes. Supabase coordinates operational state. This separation reduces the blast radius of any one component and keeps custody with users.

Risk	Current Control
User key custody	Privy device-side embedded wallet model; backend never stores user private keys.
Gasless relay abuse	User-signed permits, deterministic relayer assignment, replay checks, rate limits.
Replica nonce collision	Supabase relayer locks with TTL recovery.
Setup incompleteness	Setup considered complete only when agent is active and builder fee is approved.
Third-party dependency	Clear dependency on Privy, Arbitrum, Hyperliquid, oracles, and card partners.
Regulatory uncertainty	Non-custodial interface posture; partner-led KYC/AML for regulated payments.

# Appendix: Factual Anchors and Sources

- SEC Division of Trading and Markets staff statement, April 13 2026: covered user interfaces, self-custodial wallet contexts, objective parameters, disclosures, and no custody of user funds. The statement is staff view only and not a Commission rule.
- Hyperliquid Policy Center launch announcement, February 18 2026: independent 501(c)(4) research and advocacy organization focused on decentralized finance, perpetual derivatives, and blockchain-based financial infrastructure.
- Hyperliquid Policy Center About page: describes Hyperliquid as a public, permissionless blockchain and decentralized exchange known for perps, transparency, accessibility, performance, and non-custodial use.
- Public market reporting in 2026 cited HIP-3 open interest around the \$1.4B range and highlighted oil / non-crypto perps as major drivers of growth.
- HyperTrade codebase anchors: Privy Expo provider, Arbitrum chain configuration, ERC-4337 smart wallet provider, gasless relayer pool, EIP-2612 permit flows, Hyperliquid API integration, Supabase locks, and frontend risk controls.

This document is not legal, investment, tax, or trading advice. Product roadmap items are forward-looking and subject to provider, regulatory, technical, and market constraints.