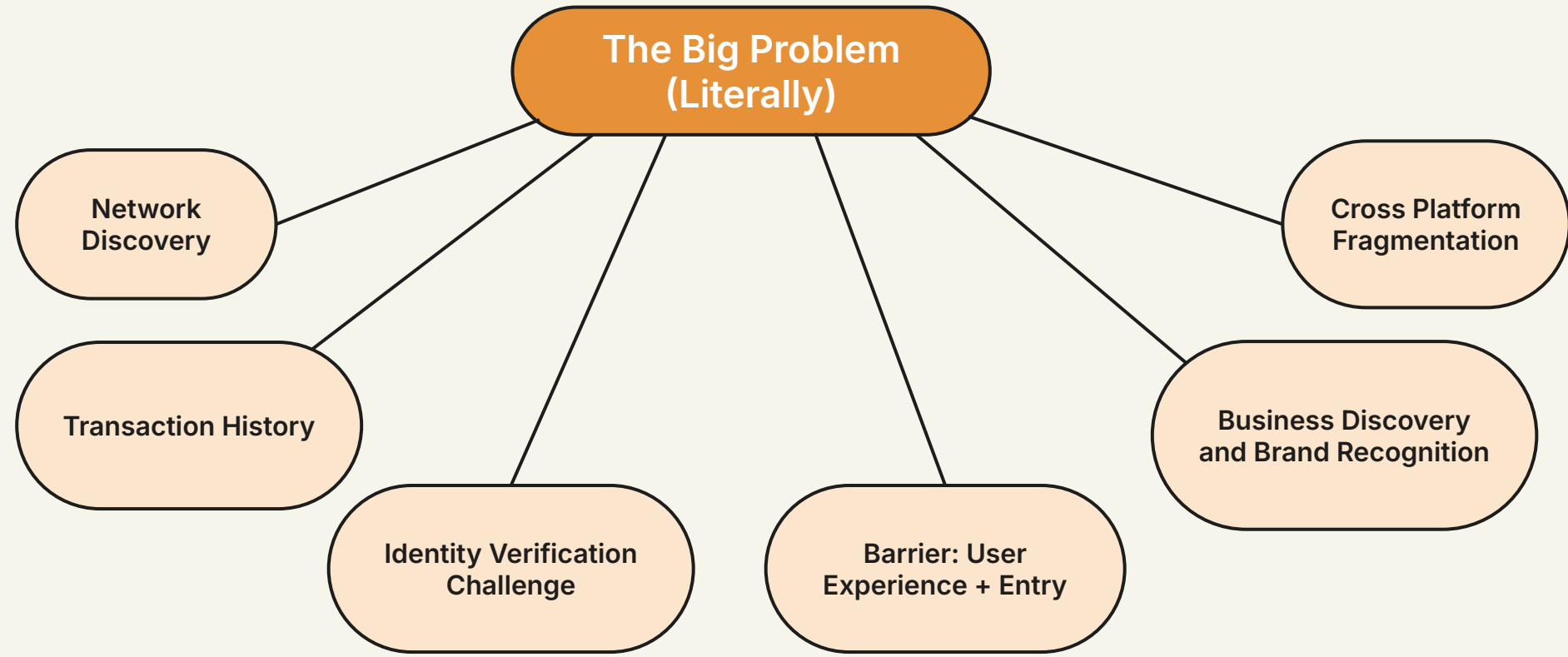


Nomenclature

Nomenclature (WNS) is an IaaS for Web3 to convert cryptographic addresses into human-readable names.

addr1qyrw05xzs5ayv4m74l6yv7genvs2kyranzxmkd8tt5k2kak65dec7wp9fs5qmp7xna5lpsqwn4jl22wec8customlabeldjfmvz



Nomenclature

Existing Solutions

	ENS (BNS)	Unstoppable (Website Domain)	Space ID (Aggregator)
Cross-Chain Resolution	✗	⚠ (Separate on each chain)	⚠ (Limited chains)
B2B API Infrastructure	⚠ (Limited)	⚠ (Basic)	✗
Identity Verification	✗	⚠ (Limited)	✗
Central Resolution Service	✗	✗	✗
Developer-First Approach	⚠ (Secondary)	✗ (Consumer focus)	✗ (Consumer focus)
Enterprise Solutions	✗	⚠ (Limited)	✗

Nomenclature

Unique Gap

Nomenclature **aspires to become the foundational DNS layer** for the entire Web3 ecosystem

- Provides **B2B infrastructure-first approach** with API integration
- Offers **true cross-chain compatibility** through unified naming
- Serves as **neutral infrastructure for the entire Web3** ecosystem
- Includes **simple identity verification** for faster implementation **instead of thorough digital identity service**
- Creates a **single user identity** that works across all blockchains

Nomenclature

Solution (WNS)

Key Components

Human-readable usernames (alice.web3) that map to multiple blockchain addresses

Cross-chain resolution system via centralized secure database

Cryptographic verification of address ownership

API integration for wallets, exchanges, and applications

User-facing registration and management portal

Value Proposition

For Users: One identity across all blockchains

For Businesses: Easy discovery and brand recognition

For Developers: Simple API integration for human-readable addresses

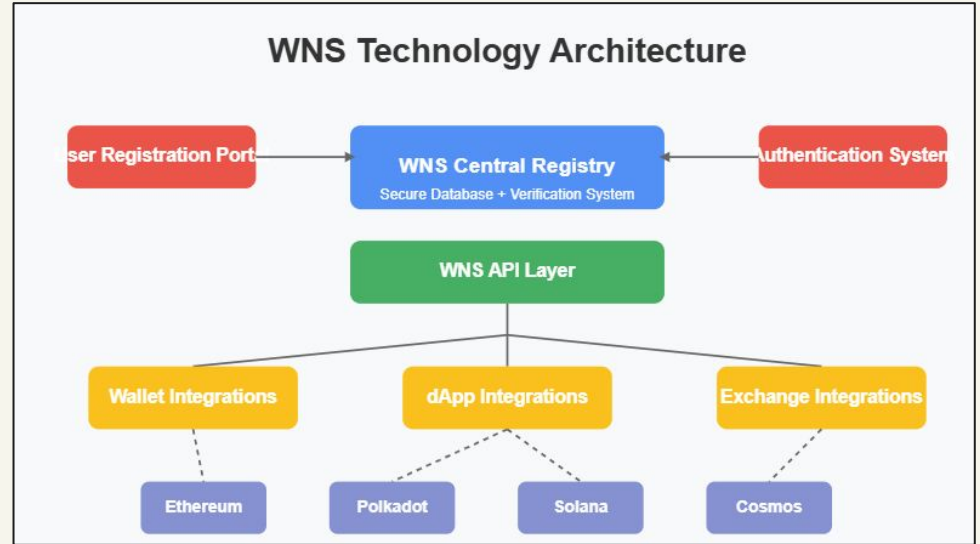
For Ecosystem: Standardized naming convention across chains

Nomenclature

Architecture

WNS Central Registry	Core database storing all username-to-address mappings
WNS API Layer	Interface for all third-party integrations
User Registration Portal	User-facing interface for name management
Authentication System	Verifies address ownership
Wallet Integrations	Displays human-readable names in wallets
dApp Integrations	Enables applications to use WNS names
Exchange Integrations	Enables deposit/withdrawal using WNS names
Blockchain Connectors	Chain-specific verification processes
Security Framework	Protects system integrity

Nomenclature



Authentication Resolution

Challenge-Response Protocol

- Server generates unique challenge string with timestamp
- User signs challenge with private key in their wallet
- System verifies signature matches claimed address
- Verification validation allows proof of ownership

Chain-Specific Signature Verification

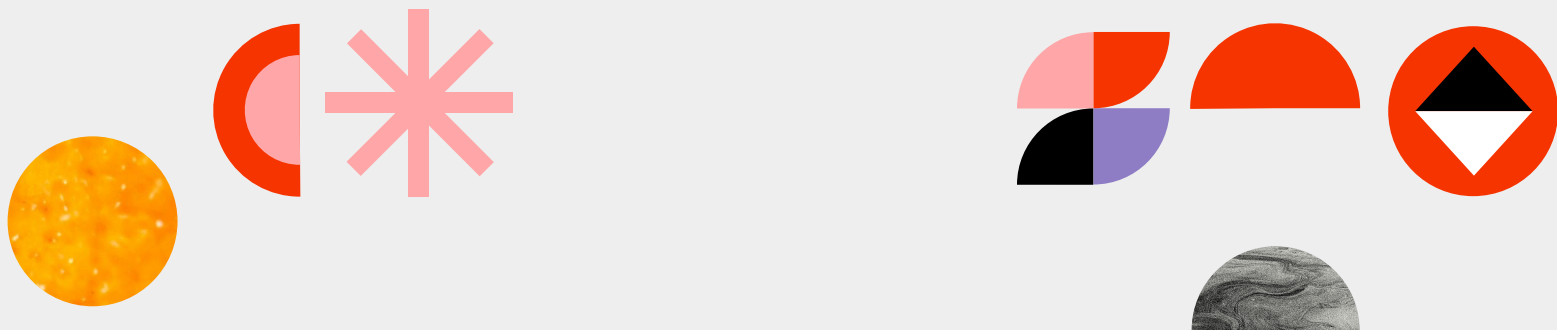
- Ethereum/EVM: ECDSA signature verification
- Polkadot/Kusama: sr25519/ed25519 signature verification
- Solana: ed25519 signature verification
- Cosmos: secp256k1 signature verification

Potential Challenges

- Adoption Resistance (new naming standard needs to be neutral)
- Trust Concerns in Web3 (Centralised Architecture)

Revenue Model

- API Access Tiers
- Business Verification Services - Premium Username Registration (at 1/100th of the cost)



Thank You!

Nomenclature , making web3 user friendly one address at a time.