**Lunar Finance Whitepaper**

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**Abstract**

Lunar Finance is a decentralized exchange (DEX) and bridge aggregator built natively on Eclipse. Our mission is to make onboarding into Eclipse effortless and to become the leading DeFi platform on Eclipse, offering users a seamless, secure, and intuitive experience for trading, swapping, and bridging assets across chains.

Lunar Finance provides an all-in-one solution for users to access cross-chain liquidity with minimal fees and zero friction, leveraging Eclipse’s scalability and low latency to deliver a next-gen DeFi experience.

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**1**. **Introduction**

Despite the rapid growth of DeFi, the landscape remains fragmented, complex, and costly — especially for newcomers. Multi-chain ecosystems introduce onboarding challenges, and most DEXs and bridges suffer from poor user experience, lack of interoperability, and security vulnerabilities.

Lunar Finance solves this by building a frictionless, cross-chain DeFi platform that aggregates liquidity on Eclipse. With Lunar, users can swap and bridge assets in seconds, through a clean and intuitive interface powered by powerful aggregators under the hood.

1. **Vision & Mission**

Vision

To create the most seamless, accessible, and powerful DeFi experience on Eclipse.

Mission

 • Simplify DeFi for everyone through intuitive design and frictionless onboarding.

 • Aggregate top bridges and liquidity sources to unlock maximum efficiency.

 • Lead the charge in cross-chain interoperability on Eclipse.

**3. Why Eclipse?**

Eclipse is a modular Layer 2 built using the Solana Virtual Machine (SVM), designed for scalability, low fees, and composability. It combines the performance of Solana with the security and liquidity of Ethereum, making it the ideal foundation for Lunar Finance.

Key Benefits:

 • Low Fees & High Throughput

 • Composability with Ethereum Ecosystem

 • Fast Finality and Near-Instant Settlements

**4. Core Features**

 • DEX Aggregator

Lunar sources liquidity from across Eclipse-native and cross-chain pools, allowing users to get the best possible swap prices with minimal slippage.

 • Bridge Aggregator

Users can bridge assets across chains in a single click. Lunar routes through the most efficient bridges behind the scenes, abstracting complexity and delays.

 • Cross-Chain Swaps

Bridge and swap in one transaction — Lunar combines bridge + swap flows to provide truly seamless cross-chain interactions.

 • Gas Refuel

Users benefit from simplified gas refuel feature to top up their eth for gas.

**5. Ecosystem & Integrations**

Wallets

 • Backpack

 • OKX Wallet

 • Bybit Wallet

 • Bitget Wallet

 • Nightly Wallet

Bridges

 • Relay

 • Hyperlane

 • Nexus Bridge

 • Retro Bridge

 • Eclipse Native Bridge

 • Owlto

 • Comet Bridge

 • Layerswap

 • Mini Bridge

 • Orbiter Finance

DEXs

 • Orca

 • Invariant

 • Umbra

 • Lifinity

 • Solar DEX

**7. Security**

Security is our highest priority. Lunar Finance takes a rigorous approach to smart contract development and system architecture, including:

 • Regular audits by top-tier security firms

 • Planned bug bounty programs

 • Open-source smart contracts for transparency

 • Strict integration standards for third-party bridges and DEXs

**8. Conclusion**

Lunar Finance is poised to become the gateway to DeFi on Eclipse L2. By eliminating complexity, unifying liquidity, and prioritizing user experience, we’re building the future of finance — one seamless swap at a time.

**9. Links**

 • Website: https://lunarfinance.io

 • Twitter: @lunar\_finance

 • Discord: https://discord.gg/lunar-finance