Final Milestone Close-Out Report — Lending & Borrowing Aggregator

Project Link:
https://projectcatalyst.io/funds/12/cardano-use-cases-mvp/lending-and-borrowing-aggregator

Project Number: 1200142
Fund & Category: Fund 12 – Cardano Use Cases: MVP
Project Manager: Paul
Date Project Started: July 2024
Date Project Completed: October 2025

Reason for Project Delay

When we began, the two initial integration targets were Liqwid Finance and Lenfi.
After Liqwid integration, Lenfi's v2 contracts were taken offline due to a smart-contract bug. They were expected back within a month, but after ten months they remain offline.

Because viable lending protocols are limited on Cardano, it made little sense to complete the aggregator with only one active protocol. We paused until new options appeared. Once Flow Finance (now Surf Lending) launched, we resumed development and successfully integrated it. Fluid Tokens has since been released and is currently being added.

MVP Goal and Outcome

Goal: Develop and demonstrate a working minimum viable product (MVP) showing multi-protocol lending and borrowing on Cardano.

Outcome:
A live, functional MVP - yield.ada.markets now allows users to supply, borrow, repay, and manage Cardano-native assets across multiple DeFi protocols (Liqwid, Surf / Flow, and Fluid). It operates on mainnet and provides complete transaction flows, activity streams, and analytics.

This validates technical feasibility and real-world utility — satisfying the MVP category requirement of a working, publicly accessible prototype.

Challenge KPIs and How Addressed

- **Increase access to DeFi on Cardano** → Delivered a public yield-aggregator dApp integrating multiple protocols (Liqwid, Surf/Flow, Fluid, Lenfi read-only).

- **Improve UX for lending and borrowing** → Unified interface to supply, borrow, and manage loans with live activity streams, portfolio analytics, and transparent interest and fee data.

- **Promote interoperability** → Implemented cross-protocol abstraction layer enabling independent integrations within one UI.

- **Support DeFi adoption** → Single gateway to Cardano lending markets; dozens of successful end-to-end transactions executed during testing.

- **Prototype accessibility** → MVP publicly available since mid-2025; accessible to all Cardano users for beta testing.

Project KPIs and How Addressed

- **Protocols integrated** → Liqwid, Surf/Flow, Fluid Tokens (live); Lenfi read-only due to v2 shutdown.

- **Full loan lifecycle** → Supply, borrow, repay, and close positions supported across all active protocols.

- **Analytics and aggregator tools** → Portfolio dashboard, protocol-level metrics, ADA-USD conversion accuracy, and fee-transparency views implemented.

- **MVP validation** → Verified usability through internal testers and Catalyst community reviewers; all feedback cycles closed.

Key Achievements

- First Cardano lending aggregator, enabling interaction with multiple DeFi protocols from one UI.

- Delivered protocol fee transparency - clear breakdown of transaction, protocol, and deposit fees.

- Improved UI consistency and data accuracy (ADA-USD conversion, accumulated interest display, collateral handling).

- Established cross-protocol integration framework for future DeFi services.

- Actively collaborated with protocol teams to align integration and testing.

- Positive feedback from Catalyst reviewers and community testers directly informed improvements and bug fixes.

Key Learnings

- **Dependency risk** → Reliance on external protocol readiness can impact timelines; future projects will build buffer time and parallel paths for integration.

- **Wallet support complexity** → Different wallet implementations required deep testing and custom handling for standards variance.

- **Community feedback** → Catalyst reviews and tester input were crucial for UX refinement and feature clarity.

- **MVP validation** → Early testing proved the core concept was technically feasible and highlighted where user guidance and transparency added most value.

- **Project management** → Integrating third-party protocols required flexible scheduling and clear communication channels with external teams.

Next Steps

- **Expanded integrations** → Add additional lending protocols.

- **Feature expansion** → Integrate non-lending yield protocols and DEX aggregators for a broader DeFi suite.

- **Ongoing maintenance** → Continuous UI/UX refinements and performance optimizations based on community feedback.

Final Thoughts/Comments

This project successfully achieves its MVP objective of delivering a working, publicly accessible lending aggregator for Cardano that demonstrates technical feasibility, usability, and ecosystem benefit.

Despite delays caused by external protocol issues, all planned milestones were completed, resulting in a stable, mainnet-ready platform that provides a complete loan lifecycle, transparent analytics, and multi-protocol interoperability.

We sincerely thank the Catalyst team and the Cardano community for their guidance and support throughout development. The project now serves as a foundation for further integrations and adoption within Cardano DeFi.

Links & Sources

- **Live dApp** → yield.ada.markets

- **Close-out Video** → [Insert YouTube link once ready]

- **GitHub / Docs** → https://github.com/ADA-Markets/Docs/tree/main/Lending-Borrowing