Name of project and Project URL on IdeaScale/Fund:
[Wider accessibility of automatic borrowing - Lenfi Software Development Kit (SDK)](#)

Your Project Number:
1100289

Name of project manager:
Lukas Armonas

Date project started:
March 11, 2023

Date project completed:
November, 2024

List of challenge KPIs and how the project addressed them:

1. **Challenge KPI 1:**

    Goal: Demonstrate the potential for Cardano's blockchain to enable accessible and efficient DeFi solutions

    How Addressed:Published open-source code to support lending/borrowing protocols, enabling developers to build accessible financial tools. Lowered barriers to entry for individuals and projects seeking to engage with DeFi solutions.

2. **Challenge KPI 2:**

    Goal: Support blockchain innovation and integration with other exponential technologies, enhancing the DeFi ecosystem on Cardano.

    How Addressed: Utilized SDK automation to integrate advanced features for transaction handling, enhancing transaction reliability and scalability. Shared insights with the community to inspire further innovation and adoption.

3. **Challenge KPI 3:**

    Goal: Drive adoption and collaboration by attracting developers and users from other ecosystems to Cardano.

    How Addressed: Encouraged participation through open access to development tools and code repositories. Engaged with the broader developer community to port or create complementary projects on Cardano.

List of project KPIs and how the project addressed them:

1. **Project KPI 1:SDK Codebase Public Availability**

Codebase for SDK published and accessible on GitHub for developers to clone and build.

2. **Project KPI 2: Implementation of Batcher Functionality**

   Batcher functionality enabling automated Deposit, Withdraw, Borrow, and Repay actions implemented

3. **Project KPI 3: Expansion of Pool Management Features**

   Addition of new SDK actions for Create Pool, Delete Pool, and Delegate to Stake Pool.

Key achievements (in particular around collaboration and engagement):

- Public SDK Launch on GitHub
- Successful Batcher Functionality Integration
- Expanded SDK Functionality for Pool Management
- Educational Resources for Community Engagement

Key learnings:

- Value of Automation in DeFi Protocols
- Importance of Community-Focused Resources
- Scalability through Batching and Pool Actions
- Public Codebase as a Catalyst for Community Involvement
- Impact of Communication and Updates on Engagement

Next steps for the product or service developed:

- Enhance SDK Documentation and Tutorials
- Implement Additional Pool Management Features
- Optimize Batcher Functionality for Scalability
- Expand Compatibility and Integrations
- Community Engagement and Feedback Loop

Final thoughts/comments:

The Lenfi SDK release marks a key advancement in Cardano's DeFi ecosystem, enhancing accessibility and transaction automation for smoother, more efficient user experiences. With robust functionality for complex transactions and high-activity automation, the SDK promotes scalability across diverse DeFi applications. Future improvements, including enhanced

documentation, security audits, and community feedback loops, will solidify its impact. This foundation sets Lenfi up to drive ongoing innovation and collaboration within the Cardano community.

Links to other relevant project sources or documents:

- [Github link](#)
- [X announcement](#)
- [Deno library available on](#)
- [SDK publicly available on](#)
- [Tutorial](#)

Link to Close-out video:

https://youtu.be/v4DcoTBriN4