

**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

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**List of challenge KPIs and how the project addressed them:**

**1. Challenge KPI 1:**

*Goal:* Broader Accessibility of Cardano-Based Lending Solutions

*How Addressed:* Enabling more users to access DeFi services like borrowing and lending on Cardano by publishing code.

**2. Challenge KPI 2:**

*Goal:* Increased DeFi Adoption on Cardano

*How Addressed:* Growth in the number of developers and users engaging with the Cardano lending protocol

**3. Challenge KPI 3:**

*Goal:* Transaction Efficiency for DeFi Lending/Borrowing on Cardano

*How Addressed:* Reduction in manual transaction handling through SDK automation, improving overall transaction speed and efficiency

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**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 Batchers 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.

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#### **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

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#### **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

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#### **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

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#### **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.

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**Links to other relevant project sources or documents:**

- [Github link](#)
  - [X announcement](#)
  - [Deno library available on](#)
  - [SDK publicly available on](#)
  - [Tutorial](#)
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**Link to Close-out video:**

<https://youtu.be/v4DcoTBriN4>