Project Close-out Report for:

"Open-Source On-Chain DAO Governance"

Name of Project and Project URL on IdeaScale/Fund

- **Name**: Open-Source On-Chain DAO Governance
- **URL**: Project on IdeaScale
- **Project Number ID**: 1000141
- **Name of Project Manager**: Roman Majovsky
- **Date Project Started**: 15.12.2023
- **Date Project Completed**: 30.09.2024

List of Challenge KPIs and How the Project Addressed Them

- **KPI 1: Transparent and Auditable Governance -** Implemented fully on-chain governance using blockchain metadata for transparency and trust.
- **KPI 2: Decentralization and Flexibility -** Voting power is dynamically calculated from various sources, including wallets, liquidity pools, and vesting contracts.
- **KPI 3: Reducing Fragmentation and Costs -** Grouped multiple proposals in a single poll to lower transaction fees and improve participation rates.
- **KPI 4: Community Engagement -** Engaged the Cardano community via Surveys and announcements on Twitter, Discord, and Telegram, and incorporated feedback.

List of Project KPIs and How the Project Addressed Them

- **KPI 1: Backend Development -** Developed an API-driven backend for aggregating governance-related transactions and validating voting power.
- **KPI 2: Frontend SDK and Example App -** Provided a React SDK and built an e**xample application showcasing all the** features of the governance solution.
- **KPI 3: Governance Token Flexibility -** Enabled custom logic for voting power calculation, allowing usage of governance tokens, LP tokens, or other custom token models.
- **KPI 4: User-Centric Governance Process -** Focused on a UX-friendly governance process with no smart contracts to allow for manual verification of results.

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Key Achievements (In Particular Around Collaboration and Engagement)

- **Backend and API Integration -** Built a scalable backend that aggregates DAO governance data from on-chain transactions into a PostgreSQL database.
- **Comprehensive Frontend SDK -** Provided tools for developers to easily integrate governance features into their applications using the React SDK.
- **Governance Token Flexibility -** Designed a system that accommodates various tokenomics models, including LP tokens and vesting contracts.
- **Community Involvement -** Shared the governance framework online and actively engaged with the Cardano community through multiple channels.

Key Learnings

- **Manual Outcome Verification Adds Flexibility -** Avoiding smart contracts allows for manual result verification and greater adaptability.
- **Snapshot Mechanism Prevents Voting Power Manipulation -** Ensured that voting power snapshots are taken before the voting period to maintain fairness.
- **Integration with External Platforms is Key -**IPFS and community portals for proposals enhanced the governance process, encouraging more community participation.

Next Steps for the Product or Service Developed

- **Active Promotion and Engagement** - Continue promoting the governance framework and seek partnerships within the Cardano ecosystem.
- **Ongoing Support for Governance Implementations** - Assist projects in implementing their own governance frameworks and gather feedback for continuous improvements..

Final Thoughts/Comments

The **Open-Source On-Chain DAO Governance** framework provides a transparent and adaptable governance solution for the Cardano ecosystem. With flexible voting power calculation and integration with external discussion platforms, it ensures community-driven governance.

The development of a robust backend and frontend SDK, coupled with an example application, makes it easy for developers to adopt and integrate the framework. Moving forward, feedback from the community and partnerships will play a critical role in enhancing the solution.

Links to Other Relevant Project Sources or Documents

- GitHub Repository
- Installation Instructions
- Automated Tests
- Example Website

Social Media Announcements

Tweets:
Tweet 1 Tweet 2 Tweet 3 Tweet 4 Tweet 5 Tweet 6 Tweet 7 Tweet 8 Tweet 9 Tweet 10

Discord and Telegram Announcements:
Announcement 1 Announcement 2 Announcement 3 Announcement 4 Announcement 5
Announcement 6 Telegram Announcement 1 Telegram Announcement 2
Telegram Announcement 3 Telegram Announcement 4

Survey Results
Survey Results 1 Survey Results 2

Link to Close-out Video (YouTube)
Close-out Video