Grant Title:

POMA: Engage-to-Earn Platform

Author:

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About You:

Paolo Medici

, co-founder. He has an engineering background and he's also founder of another company in the e-commerce sector.

Alessio Oriolo

, co-founder. He was innovation Manager at Accenture with a 8-year experience in innovation projects, also in web 3. Alessio has a business background, with a MSc in Marketing Management.

Vincenzo Rana

, CEO of Urania, a web3 VC, Co-founder & CEO at KNOBS, Co-founder at BCode, and Professor and Researcher at the University of Milan. Urania and KNOBS are technical partners of Poma Institute.

Giacomo Cavicchioli

, CTO. Giacomo is a web3 tech leader, CTO and co-founder at different DeFi platforms. Throughout his career, he has successfully led multifunctional teams in the development and scaling of applications for thousands of users in the crypto space.

Additional Links:

I Would like to send the links but it says that new members cannot send more than 2 links. I will add them as a comment to this message.

Grant Category:

Developer tools (SDK)

Grant Description:

After 2 years of engagement within the italian developers community and after receiving many feedback from both blockchains and developers, we realized that there is need for blockchains to have a tool to engage efficiently with delevolpers and software houses.

So we decided to create POMA, a platform where developers receive rewards through a smart contract, distributed based on their engagement.

On POMA developers can:

1. Learn the fundamentals (attend courses, complete exercises, get certified)
2. Get involved (community engagement, webinars & conferences, news & articles)
3. Operate (work on ongoing projects, create new projects)

The technical architecture works as follow:

1. A notification relay is listening on the chain for operations performed on a specific smart contract
2. For each transaction executed, a notification is sent via webhook to the POMA infrastructure API
3. Once the information for each transaction is retrieved, the infrastructure takes care of calculating the cashback using one of the following strategies:
4. Real-time: Cashback is calculated for each transaction and transferred from the source wallet to the target wallet.
5. Periodic: Cashback is calculated for each transaction and saved to a persistence layer, incrementing the counter of the amount dedicated to the user who owns the project. The user is free to return to the platform to claim the accumulated cashbackOn the platform

The user experience is the following:

1. For Developers & Software houses:
2. 1Choose a blockchain to build on
3. Learn & engage with the blockchain, if necessary
4. Link their account using our smart contract
5. Receive a cashback based on transactions enabled by the projects
6. 1Choose a blockchain to build on
7. Learn & engage with the blockchain, if necessary
8. Link their account using our smart contract
9. Receive a cashback based on transactions enabled by the projects
10. For Blockchains companies:
11. Publish Cashback opportunities
12. Provide learning contents and developing tools
13. Publish Cashback opportunities
14. Provide learning contents and developing tools

Grant Goals and Impact:

We believe POMA would be beneficial because it provides Cow with a tool to efficiently distribute grants and incentives to developers, specifically for projects Cow is keen to support. Additionally, the smart contract enables POMA to offer incentives for various types of engagement, such as courses, events, and certifications.

It also allows to track the impacts and results of this engagement. Additionally, it incentivizes developers to create successful projects by offering cashback based on the transactions their projects generate.

Milestones:

Key deliverable is the creation of a Proof of concept (POC)

|Milestone|Due Date|Payment|

| Smart Contract Development v1: POC of the smart contract logic, deployed on chain | 2 weeks | 3.200$ |

|Integration Script for smart contract access: Python/Typescript scripts to access and manage the deployed smart contract for both admin ops and user-like ops| 2 weeks | 1.300$ |

|Testing| 1 week | 500$ |

Funding Request:

The total funding budget of 5.000$ (in XDai) is going to cover only the developing costs. The web3 developer is our CTO, which is going to work on this at a discounted rate. Together with myself and Alessio (co-founders) he is going to work with the data analyst which is going to work remotely. There are no cost of renting and no compensation for me and Alessio.

Budget Breakdown:

Total funding budget 5.000$

Cost details/justification

Web3 Developer

Rate: 250$/day

Days: 13

Budget: 3.250$

Data Analyst

Rate: 150$/day

Days: 10

Budget: 1.500$

Contingency 5%: 250$

Gnosis Chain Address (to receive the grant):

XDai on gnosis chain:

0x3eb7574c20B68Af741858Cdd0ee7eEdFBb962975

Other Information:

In the comment I'll send the link to our deck, with additional information about us.

Referral:

NA

Terms and Conditions:

By submitting this grant application, I acknowledge and agree to be bound by the CoW DAO Participation Agreement and the CoW Grant Terms and Conditions