

Treasury Proposal: Queryweb3

Proponent: H1qzURXmYGLfwMsviLpMeN8S9zjAPmc1LBcSeQkCAieKUFs

Date: 2024/08/20-2024/11/20

Proposal Payment: 3270 KSM(\$56833)

Project Category: software development

Short description: Focused on the Polkadot and Kusama ecosystem, we provide the most valuable BI and efficient AI-powered information service platform. Our goal is to address the fragmentation of information and data across various projects, thereby aggregating data within the Polkadot and Kusama ecosystem. This improves information retrieval and transaction efficiency, enhances the user experience, and increases user satisfaction.

Website: <https://queryweb3.com>

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Background

Based on the cross-chain Polkadot and Kusama ecosystem, we have identified several key issues:

1. **Current State and Development Trends:** What is the current state of important information within the Polkadot ecosystem, and what are the development trends? Are there opportunities and risks involved?
2. **Significant Activities and On-Chain Events:** What are the significant activities and on-chain events happening in the Polkadot ecosystem right now?
3. **Top Staking Yields:** Which chains and pools offer the top 10 staking yields?
4. **Top TVL Projects:** Which projects have the top 10 Total Value Locked (TVL)?
5. **Airdrops and NFT Rewards:** Which projects offer airdrops and NFT rewards, and can I, as a user and investor, participate?

Finding answers to these questions can be challenging because data and information are fragmented and dispersed across various projects within the Polkadot ecosystem. This fragmentation not only reduces the efficiency of information retrieval and usage, leading to a poor user experience, but also significantly increases information asymmetry. Consequently, this lowers the efficiency of information utilization within the Polkadot ecosystem and affects its competitive advantage in the blockchain industry. Therefore, how to provide users with timely and integrated valuable information from all projects in the Polkadot ecosystem has become very important.

Vision & Mission & Value

Vision : The most valuable BI and efficient AI-powered information service platform in the Polkadot ecosystem.

Mission: Committed to aggregating immediate and valuable information from the Polkadot ecosystem for users.

Value: Time is life.

Pain points

1. How to find the highest yielding financial products at present? Which chains are they on?
2. If we raise an information question in the Polkadot ecosystem, can we get timely and effective feedback?
3. What are the major movements in the Polkadot ecosystem wallets? What have they done?
4. What activities are there in each of the Polkadot and kusama ecosystem projects?
5. Can we still send some NFT benefits to target users?
6. What airdrops are there in the Polkadot ecosystem projects? Which airdrops can I participate in?
7. Based on the Polkadot and Kusama ecosystem, which projects are in the top 10 for on-chain transaction volume and transaction amount on a weekly, monthly, quarterly, semi-annual, and annual basis? Additionally, what are their year-over-year and month-over-month data?

Solution

- 1、Query the yield rates of financial products in various projects in the Polkadot ecosystem based on keyword conditions.
- 2、Analyze the data of any address in the Polkadot ecosystem including wallet data analysis 、 data dashboard and so on.
- 3、The abnormal situation of large whale transactions in the Polkadot ecosystem recently
- 4、Ranking of important financings in the Polkadot ecosystem.
- 5、NFT and peripheral merchandise mall
- 6、Customized airdrop solution for many polkadot projects in future.
- 7、AI powered information service.

8、 Provide equivalent data for on-chain transaction volume and transaction amount on a weekly, monthly, quarterly, semi-annual, and annual basis, as well as year-over-year and month-over-month growth data.

RoadMap

v1.0 Focus on developing web2 through BI data and AI empowerment, aiming to reach a target user base of over 10,000

v2.0 Improve the economic model and governance plan.

v3.0 Develop value-added services: such as providing quantitative regular investment services and other hematopoietic businesses . Perhaps some businesses can be decoupled and restructured as application chain solutions.

Return

In this project, the Kusama treasury will receive 5% equity, while the Polkadot treasury will receive 10% equity

Current Target

1、 Target user group: Polkadot & Kusama ecosystem users

2、 User Growth : 2000 users for v0.3

Expected Deliverables

Business Functions

1、 Yield Rate Query: Conduct a comprehensive search to rank the yield rates of financial products across various chains within the Polkadot ecosystem (including Bifrost, Hydration, Acala, etc.).

2、 Data Analysis: Perform comprehensive data analysis on any address within the Polkadot ecosystem, including wallet data analysis and data dashboard visualization.

3、 Whale Transactions: Monitor and report on recent abnormal activities involving large whale transactions within the Polkadot ecosystem.

System Functions

- 1、Buried Point Analysis: Traffic, visit duration, behavior trajectory.
- 2、Feedback on user's problems and needs.
- 3、User query logs.

PRD

- 1、UI
- 2、Requirement Use Case Description
- 3、Other Doc: Technical Architecture Design

The above content will be submitted to GitHub, including the source code and documentation.

Duration

3 month: 2024/08/20-2024/11/20

Costs

1. Full-time Development: Binx (Full-stack engineer) - $19800U(3*22*6*50)$
2. Part-time Development: Weaver (Backend development) - $13200U(3*22*4*50)$
3. Operations + AI: Dr. Cao (Part-time) - $9900U(3*22*3*50)$
4. Product: RogerLe (Part-time) - $13200U(3*22*4*50)$

Total cost: $56100U + 733U(\text{other maintenance costs}) = 56833U$

Total workload: $3*22*(6+4+7)/8 = 3*22*2.125$

Equivalent to 2.125 people working for 3 months

A total of 141 man-days of work.

Workload Estimation

1. Technical architecture and website design 14 man-days
2. Database design 10 man-days
3. Coding 63 man-days
 1. Query the yield of financial products in the Polkadot ecosystem based on conditions Feasible 14 man-days

2. Data analysis of any address in the Polkadot ecosystem Feasible 14 man-days All transaction data of a certain address (including all parallel chains)
3. The abnormal situation of large whale transactions in the Polkadot ecosystem in recent times Feasible But it requires a large workload 30 man-days Choose a few important chains: dot hydration bifrost Visualization Each parallel chain
4. BI data discovery and data trial calculation work: 5 man-days.
4. Integrated testing 14 man-days
5. Community operations + project communication 20 man-days
6. Additional features :
 - 1、Buried point data Traffic, visit duration, behavior trajectory 2 man-days
 - 2、User's problems and needs feedback 2 man-days
 - 3、User query and transaction logs 2 man-days
7. Product delivery UI design 14 days Requirement use case description 14 days
8. Total: 155 man-days

Team member

RogerLe

Kusama DV, Entered the blockchain industry in 2017 as a long-term value investor. Have been holding Polkadot since its auction in 2017 and continuously increasing the position.

3 years of BI consulting at Huawei, with successful BI business system solutions, methodologies, and practical business experience.

4 years of technical development, 8 years of product management, worked at Infosys for several years.

Awarded third place in the National Graduate Business Competition "Peak Moment" (strategy, product design, marketing, R&D, finance), serving as the team leader. Independently developed quantitative trading strategies.

Resilient, pursuing lifelong growth, with a diverse knowledge structure: Bachelor's degree in Computer Science and Master's degree in Economic Philosophy.

Other link: [RogerLe 🦄🐘 (@lechangxu) / X](https://x.com/lechangxu)

Dr cao

Kusama DV, actively participated in several parachain projects as CM, ambassadors, founder of AIWeb3, leads the most vibrant Chinese community within the Polkadot ecosystem, and also renowned for its active Chinese content creators.

He is one of the most engaged users, investors, and YouTubers in Polkadot eco (verified by Mythical, check the tweet here:

https://twitter.com/cao_lab/status/1781750280117510518).

Dr. Cao has also developed Discord and Telegram bots for AIWeb3 and various parachain Chinese communities.

weaver

5 years Senior Polkadot eco-developer and 7 years Ethereum eco-developer;
Proficient in public chain development;
He has extensive practical experience in the blockchain field and is involved in most areas of public chain development, including rollup and zero-knowledge proof.
Rich experience in project management and team leadership.
He has worked on prestigious teams such as orbiter.
Currently working at SuperEx, helping them build their own public chain using polkadot eco-technology.
An avid amateur AI enthusiast, I believe AI technology will bring great changes to web3.

BinX

12 years experience in front, familiar with the react/vue/flutter/nestjs/fastapi conventional technology stack;
Familiar with javascript/python/Java/dart language, understands rust;
Familiar with web3 Dapp development;
Proficient in Polkadot.js, with experience in developing multiple wallets and Dapps.