

CRYPTO COMMUNITY MONITORING

System for forecasting cryptocurrency

Development service
Web application

Business niche
Fintech/Crypto

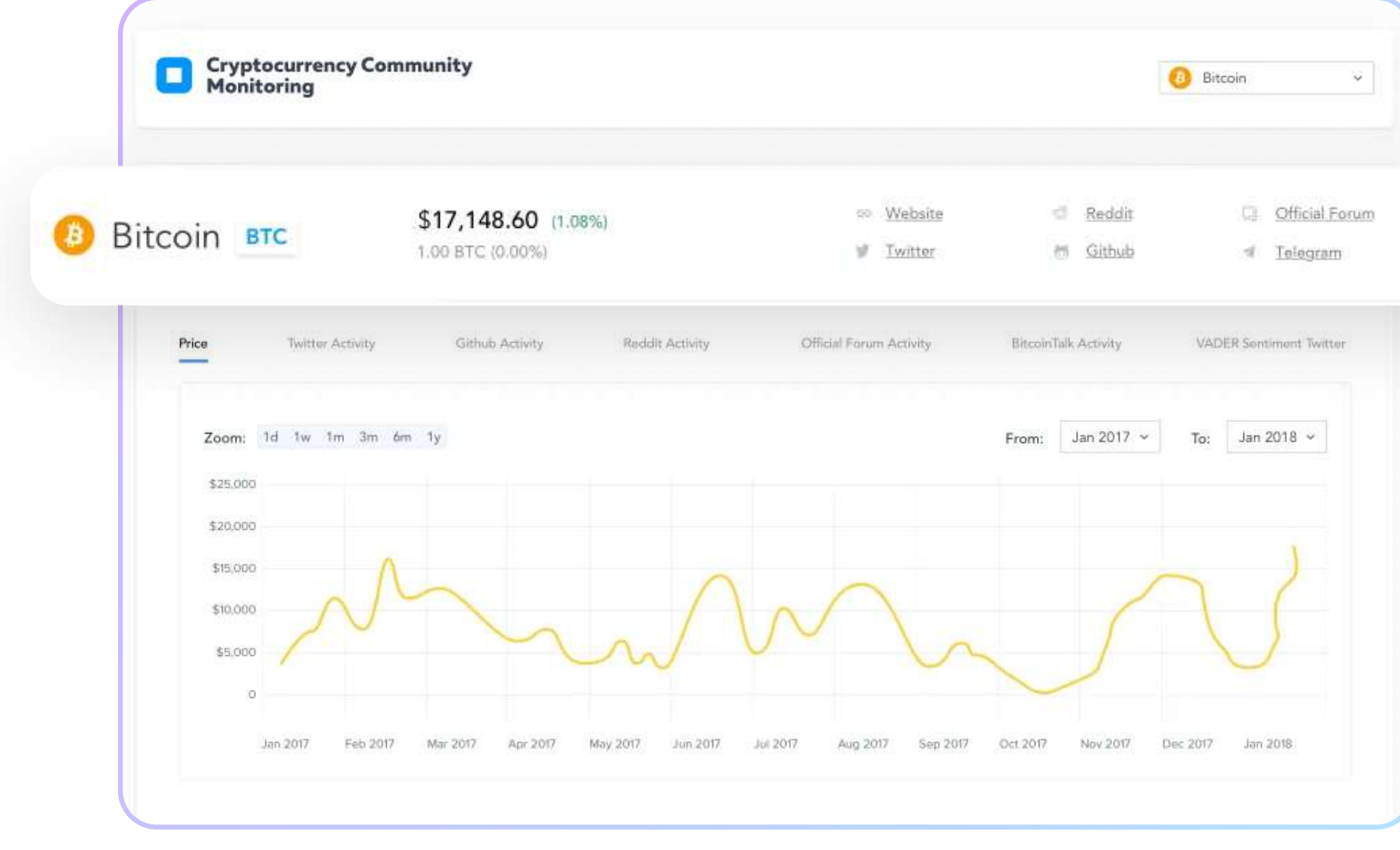
Time spent on the project
3000h

Technologies we used
Python, JS, React, Redux

CHALLENGE

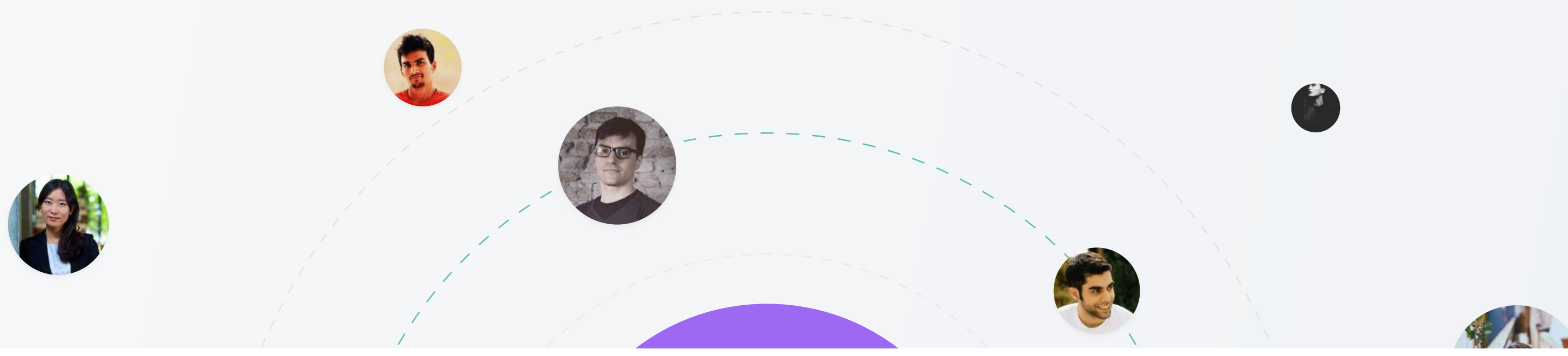
Cryptocurrency Community Monitoring

Is a system for forecasting cryptocurrency rates using analysis of the activity in various social networks. The product was created for traders, data analysts and other specialists dealing with the collection and processing of large amounts of data.



Client/Target audience

Who are interested in the field of cryptocurrency and fintech.



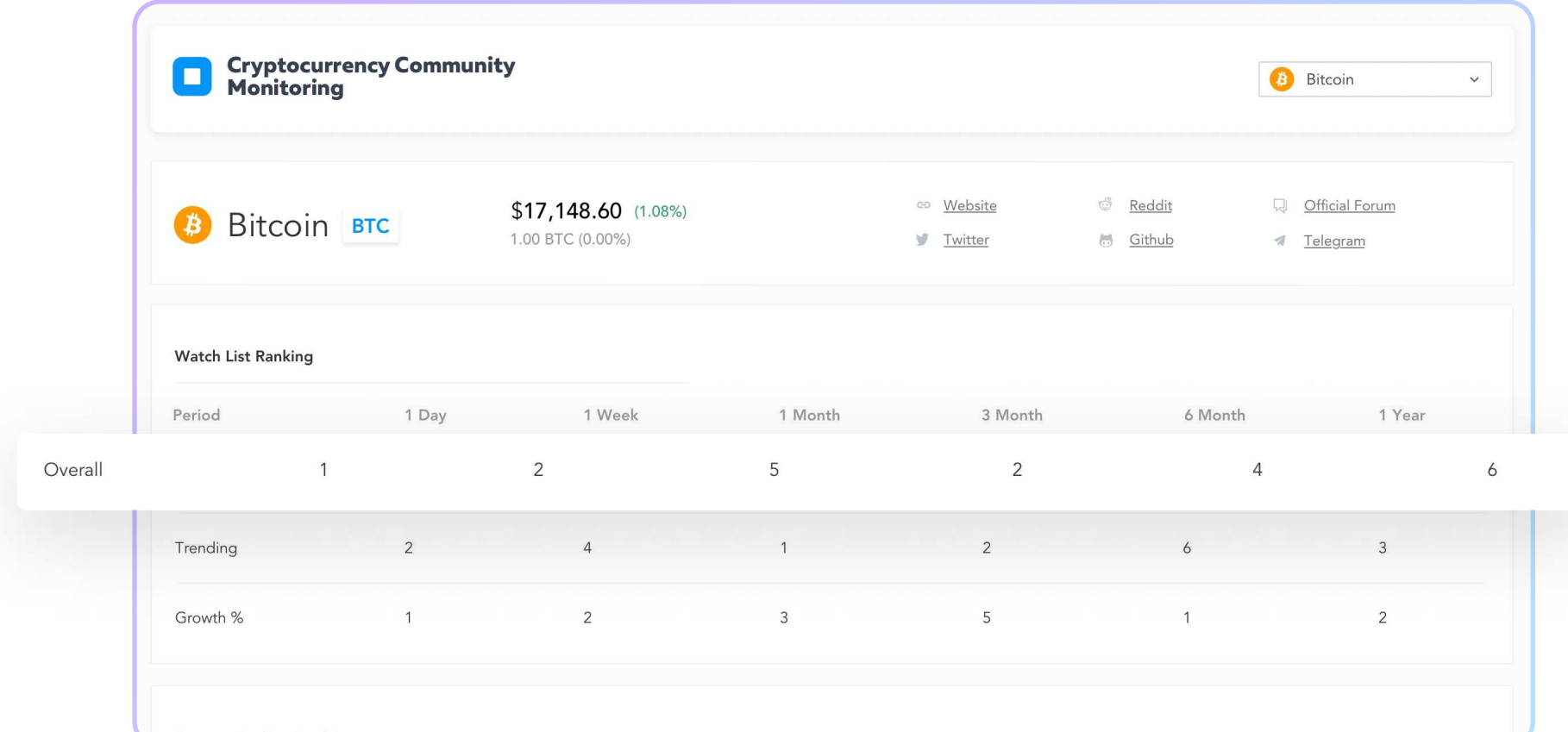
1 Week		1 Month		3 Month		6 Month		1 Year	
Place	Value	Place	Value	Place	Value	Place	Value	Place	Value
1	Bitcoin	1	Bitcoin	1	Bitcoin	1	Bitcoin	1	Bitcoin
2	Bitcoin	2	Bitcoin	2	Bitcoin	2	Bitcoin	2	Bitcoin
3	Bitcoin	3	Bitcoin	3	Bitcoin	3	Bitcoin	3	Bitcoin
4	Bitcoin	4	Bitcoin	4	Bitcoin	4	Bitcoin	4	Bitcoin
5	Bitcoin	5	Bitcoin	5	Bitcoin	5	Bitcoin	5	Bitcoin
6	Bitcoin	6	Bitcoin	6	Bitcoin	6	Bitcoin	6	Bitcoin
7	Bitcoin	7	Bitcoin	7	Bitcoin	7	Bitcoin	7	Bitcoin

Product overview

The idea behind Cryptocurrency Community Monitoring came from a Canadian trader with considerable experience in trading on the cryptocurrency market. To give the project a good start and receive a competitive product, he turned to Owlab as a reliable technical partner.

Important features

A combination of the client's deep market insights and Owlab's operational excellence with powerful technology stack resulted in an efficient system for searching, collecting and aggregating vast amounts of cryptocurrency data.



Our development team

Thanks to the efficient and well-coordinated work of a small team, the development of telegram bots saves the client's resources significantly.

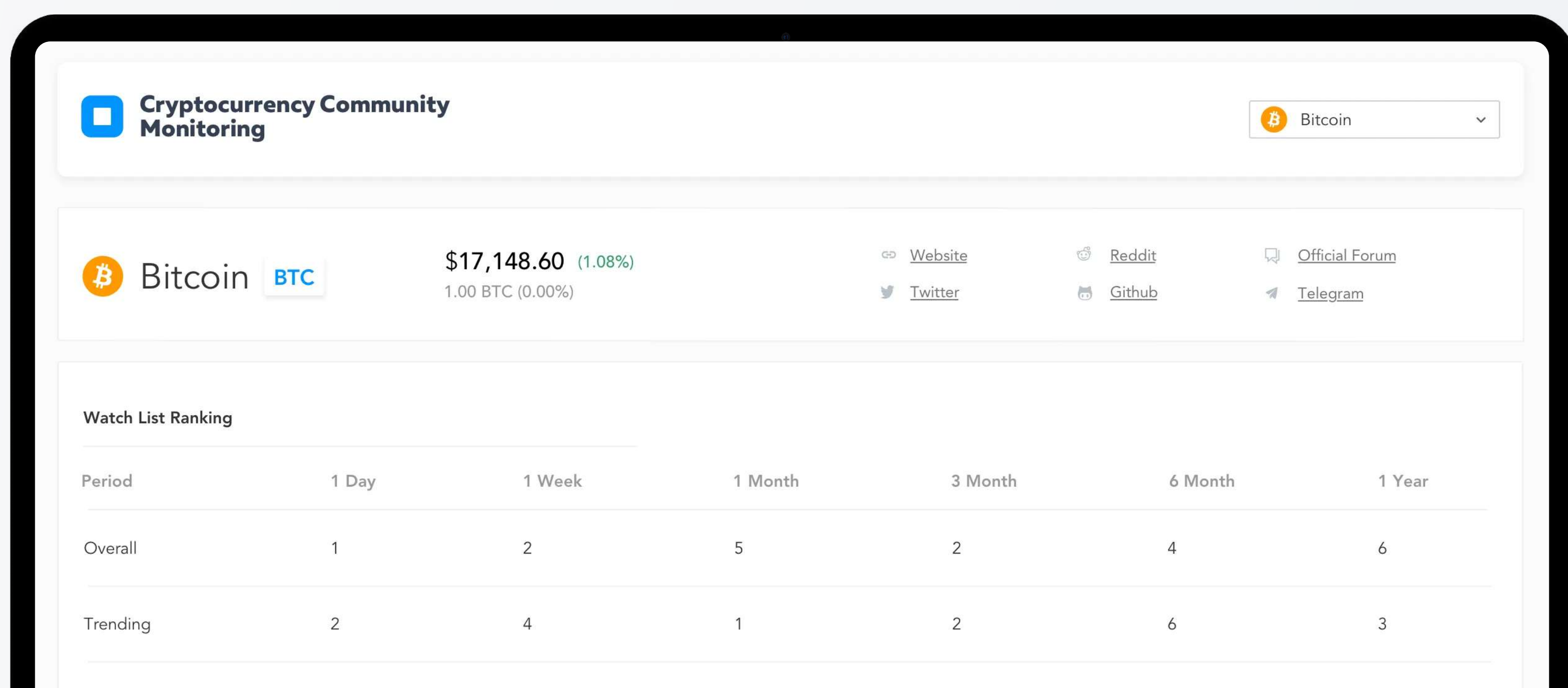
- 1 Project manager
- 4 QA Specialist
- 1 Designers
- 2 Front-end developers
- 4 Back-end developers

Our approach

- React.js**: Open-source, front end, JavaScript library for building user interfaces or UI components.
- REST Api**: This is an architectural style for an application that uses HTTP requests to access and use data.
- Testing**: We paid special attention to testing the usability of the solution so that its interface has a minimal learning curve.
- Django**: Interpreted, high-level and general-purpose programming language.

Solution overview

Owlab team created and is currently supporting the effective web & mobile mining monitoring & management tools for mining people all over the world.



Process and outcomes

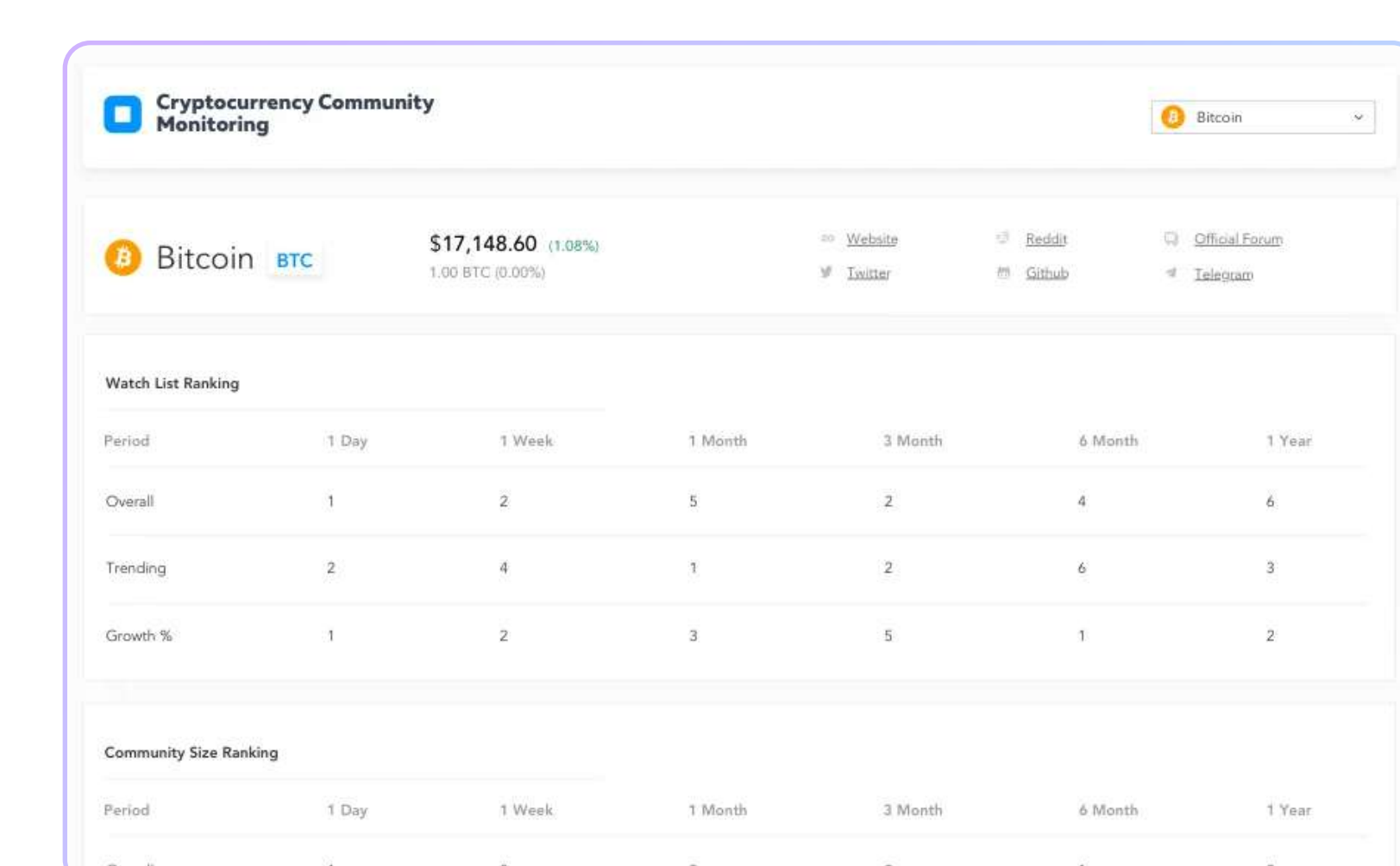
Cryptocurrency Community Monitoring is an advanced data engineering system that works using ETL flow (Extract, Transform, Load) for future use by Traders, Data Scientists and Data Analysts. The product is based on advanced technologies and focused on social media interaction. To reach the desired scale, flexibility and productivity, the client was offered the following solutions:



The solution included:

A robust back-end engine capable of processing large amounts of data. A distributed collection and computing system ensures maximum efficiency without losses. This approach allows working with multiple data sources steadily, at high speed and with precision.

Parsers working with dozens of sources like GitHub, Twitter, Reddit, Coinmarketcap, Coingecko and hundreds of thousands of records simultaneously. This solution ensures thorough analysis and offers the user as much current information on cryptocurrency rates as possible.



A system for semantic analysis of messages on social networks to build historical diagrams showing social attitude toward certain currencies.

Intuitive and customizable interface. Information is presented in a user-friendly manner.

Using these solutions, Owlab helped the client to enter the market with an extremely functional and technically advanced product

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7	Bitcoin	7	Bitcoin	7	Bitcoin	7	Bitcoin	7	Bitcoin

Thanks for watching!

Talk to us and get your project start

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