API3 DAO proposal

Monolith: [ChainAPI](#)
Undertaking: [Integration platform](#)
Team: [ChainAPI](#)
Date: 5 January 2021

Introduction

For the API3 ecosystem to scale in terms of first-party oracles and their users, integration processes (both API–Airnode and Airnode–client contract) have to be streamlined. Airnode and its protocol is designed to provide the necessary infrastructure to do these integrations flexibly, yet an additional component is required for these integrations to be done easily and intuitively.

ChainAPI can be thought of as the interface to Airnode, allowing the user to integrate an API to an Airnode, deploy it and allow the requesters to test and use it through well-optimized user interfaces. See the [API3 whitepaper](#) Section 4.5 and the [API3 roadmap](#) for more information.

Scope

This undertaking aims to deliver the API–Airnode integration functionalities of ChainAPI. This means an API provider will be able to sign up to ChainAPI, and integrate their API to their Airnode through a well-optimized user interface. This interface will also be used by API3 employees to integrate APIs on behalf of the API providers.

More concretely, the user will be able to generate the following, which are used [while deploying an Airnode:](#)
- [OIS](#)
- [config.json](#)
- [security.json](#)

This undertaking also includes essential functionality such as creating and managing a user account on the platform.

Timeline

This undertaking is expected to take 6 months, starting from the approval of the proposal.

Team

Role	FTE	Time
Full stack developer / project manager	1.0	6 months
Back end developer	1.0	6 months
Front end developer	1.0	6 months
UX designer	N/A	Project-based

None of the above are employed by the API3 DAO. The developers will be working on the project full-time during its entirety, while the UX designer will be employed on a per-project basis.

Among the API3 DAO employees, Andre and Burak will be carrying out a supervisory role as necessary, which will not be compensated for.

Expenses

Graphical design - $25,000

The graphical design of the website will be outsourced to fit the current direction.

Budget

Personnel	$214,600
Expenses	$25,000
Total	**$239,600**

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