

Omni: Polkadot Enterprise desktop app

Proponent: 15UHvPeMjYLVMLqh6bWLxAP3MbqjjsMXFWToJKCijzGPM3p9 ([Nova Foundation](#))

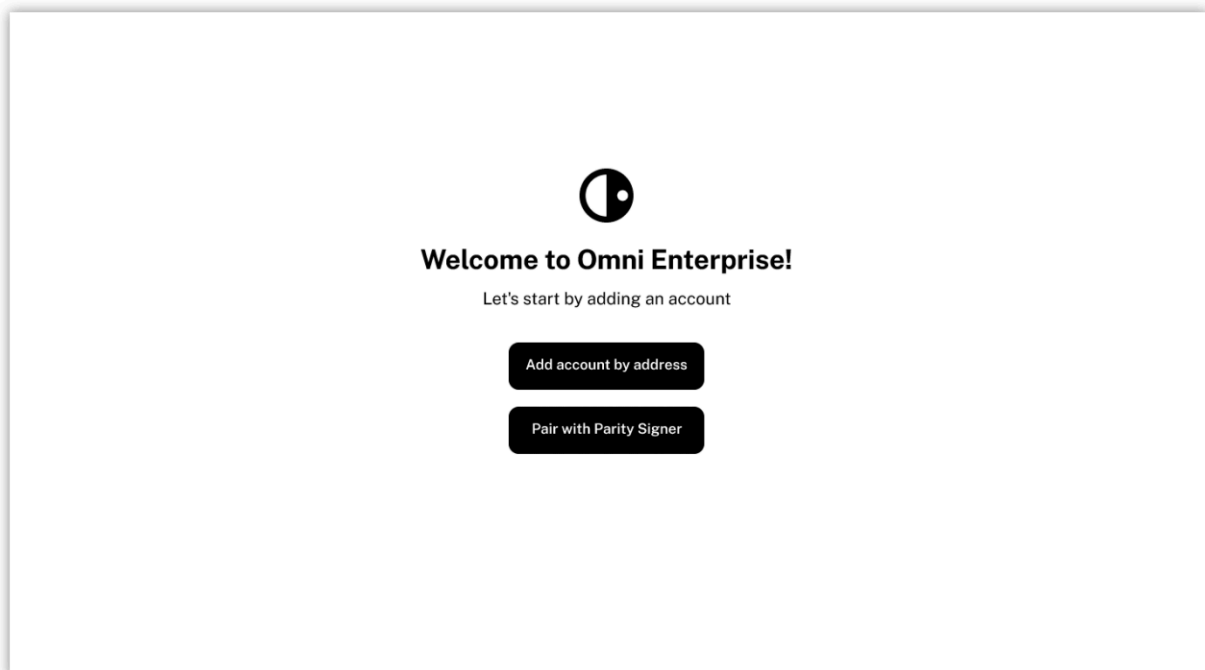
Date: December 2021 (discussion phase), February 2022 (onchain submission)

Requested allocation M1: 4297.65 DOT / 86 400 USD (see [details](#))

Short description:

Proposal for funding M1 of Omni Enterprise desktop app:

- Initiate development of new Enterprise-level app for Polkadot
- Design architecture for the Enterprise desktop app and its components
- Conduct interviews with VC, investors, StakeOps and other app's stakeholders to refine [software requirements specification](#) (SRS)
- Implement Proof-of-Concept version of Omni Enterprise desktop



1. Context of the proposal:

Omni is a desktop enterprise application that works around the limitations of Polkadot.js Apps and can provide a single point-of-view for stakeholders with advanced needs in the entire ecosystem. It should sync shards (i.e. multi-sig & proxies should not need manual construction for each signatory), support complex proxy/multi-sig combinations, should amalgamate multiple operations into a single transaction, and handle staking, asset management, and voting across all shards in a single user-operation.

The goal is to primarily **handle all of these situations with minimum effort from the user side**. Focused on security, Omni aims to provide convenient access for complex token management & create complex operations which may involve several shards.

For past 3 months, the Nova Foundation team conducted several interviews with enterprise stakeholders to create **initial version of Omni Enterprise software requirements specification**: [☰ Omni Enterprise SRS \(proposal version\)](#)

2. Milestones

Milestone 1 (this), 6 weeks: Architecture, requirements refinement, UX/UI, PoC:

- Refined SRS document ([link](#)) with Omni architecture, documented requirements and initial high-fidelity UX/UI mockups
- Conducted interviews with VC, investors, StakeOps and other app's stakeholders
- Implemented Proof-of-Concept version of Omni Enterprise desktop with MVP set of features
- Defined roadmap with release plan and development estimates for further proposals

Milestone 2, 12 weeks: Initial public release with Parity Signer integration and basic accounts and assets management features, Settings features implementation

Milestone 3, 12 weeks: Finance accountancy features, MST features UI, Secure protocol implementation

Milestone 4 and following: New features implementation according to the priorities, refinement of existing features

For **M2 and further milestones** the team's plan is to implement Omni Enterprise app via **3-months iterations & treasury proposals**, continuously refining them according to the progress & priorities.

3. The team & Budget

- **Milestone 1:**
 - **Team:** 1 Team Lead, 1 Architect, 1 JS Engineer, 1 UX/UI designer (team of 4)
 - **DOT from Polkadot Treasury:** **4297.65 DOT**
 - **Hourly rate:** 90 USD
 - **Total team hours:** 640
 - **DOT price:** 20.104 USD (Calculated based on 30day avg tool by [Subscan](#) on 21.02.22)
- **Milestone 2 and following:**
 - **Team:** 1 Team lead, 1 Architect, 2 JS Engineers, 1 UX/UI designer, 1 QA Engineer (team of 6)
 - **Hourly rate:** 90-120 USD
 - **DOT price:** calculated on the day of proposal submission, 30-days mva will be used

4. Reporting to the community

- **Milestone 1:**
 - Written report with proposal outcomes
 - Walkthrough call through the M1 outcomes which will be recorded
- **Milestone 2 and following:**
 - Written report with proposal outcomes, including feedback from enterprise stakeholders
 - Public demos every 4 weeks