

Kusama App

Kusama App - User stories

Overview

Kusama is the gateway for entrepreneurs and builders to the Polkadot ecosystem and Web3, it's the perfect place for creative communities who want to bring new ideas to life. When people first approach Kusama, regardless of their understanding of Web3 they are welcomed by a platform that allows them to find exciting communities and projects they feel identified with or easily start their own and be provided with all the tools necessary to bring any idea to life.





In the Kusama App you can join, create and manage autonomous organizations, collaborate and participate in the decision making of the network or any of its sub DAOs, and also be provided with basic tools to start a business and extend it with functionalities developed by the vibrant community of Kusama builders.

User personas


- **Founder:** A visionary who wants to build a community and launch a project, requiring tools for organization, funding, and growth.
- **Hacker:** A developer who wants to contribute to the ecosystem by building apps and integrations for DAOs.
- **Member:** An individual who wants to participate in communities, contribute to projects, and have a voice in decision-making.





Stories

Exploring communities




- **As a Member,** I want to be able to browse a directory of DAOs, so I can find communities that align with my interests.  TOP
- **As a Member,** I want to be able to search for DAOs by keywords, categories, or tags, so I can quickly find what I'm looking for. 
- **As a Member,** I want to see a preview of a DAO's activity, members, and purpose before joining, so I can make an informed decision. 
- **As a Member,** I want to be able to filter DAOs by their membership requirements (open, request-based, etc.), so I know what's involved in joining. 

Creating a DAO




- **As a Founder,** I want to be able to easily create a new DAO with a customizable name, description, and purpose.  TOP

- **As a Founder**, I want to be able to optionally create a DAO token to incentivize participation and reward contributions. 
- **As a Founder**, I want to be able to configure membership requirements and visibility for my DAO (open, request-based, private invite only, etc.). 
- **As a Founder**, I want to be able to set up initial memberships for my DAO, potentially offering them for sale. 
- **As a Founder**, I want to be able to provide the URL to my own self-hosted backend infrastructure to power my DAO's operations or select a third party provider(might incur extra payment or subscription). 




User Authentication

- **As a User**, I want to be able to connect to the app using passkeys for a secure and passwordless experience(e.g. with virto-connect). 
- **As a User**, I want the authentication process to be simple and intuitive without requiring wallets, tokens or any specialized Web3 knowledge. 
- **As a User**, I want to be able to link my existing Kusama account (if I have one). 

User Profile



- **As a User**, I want to see a list of the memberships I own and display their basic information(DAO, expiration date, gas tank, transferable, etc.). 
- **As a User**, I want to have a simple assets overview that allows me to top-up, withdraw, receive and transfer assets that exist in the Kusama AssetHub. 
- **As a User**, I want to see a list of recent account activity(e.g. executed actions) and have links under a dropdown to a block explorer showing relevant blockchain transactions. 


DAO Frontpage

- **As a Member/Founder**, I want to see a clear overview of the DAO's purpose, members, and recent activity. 
- **As a Member/Founder**, I want to be able to customize the frontpage with links to the DAO's website, social media, and external applications. 
- **As a Member/Founder**, I want to be able to add editable widgets to the frontpage to display key information and quick access to core . 

“Actions”






Actions are abstracted bundles of code(e.g. scripts) that may include one or more blockchain transactions and “backend code” that is executed before or in response to a blockchain transaction. Actions have user friendly names and descriptions also useful for autonomous agents.

- **As a Member/Admin**, I want to be able to easily browse the actions available for my DAO to execute. 
- **As a Member/Admin**, I want to be able to see the detail of the underlying code or logic behind each action (if available). 




- **As an Admin**, I want to be able to install, remove or directly execute actions from my DAO. 

DAO Governance




Exploring proposals/initiatives tracks

- **As a Member**, I want to be able to browse active and past proposals/initiatives within a DAO. 
- **As a Member**, I want to be able to filter proposals/initiatives by status (active, pending, completed, rejected). 
- **As a Member**, I want to be able to see a clear summary of each proposal/initiative, including its purpose, actions, and voting status. 
- **As a Member**, I want to be able to provide feedback about the initiative using a simple text editor. 
- **As a Member**, I want to be able to understand the different governance tracks within a DAO and what is the configured voting method for the track. 





Creating proposals/initiatives

- **As a Member**, I want to be able to easily create a new proposal/initiative with a clear description and associated actions. 
- **As a Member**, I want to be able to select what *actions* my initiative will execute from a library of pre-defined actions installed in my DAO. 
- **As a Member**, I want to be able to specify the governance track for my proposal/initiative. 

Voting

- **As a Member**, I want to be able to easily vote on proposals/initiatives. 
- **As a Member**, I want to be able to see how other members have voted (public DAOs). 
- **As a Member**, I want to be able to understand the voting rules and thresholds for each governance track. 

Membership Management

- **As a Founder/Admin**, I want to be able to manage membership requests and approve or reject new members. 
- **As a Founder/Admin**, I want to be able to view a list of all DAO members. 
- **As a Member**, I want to be able to easily see my membership status in different DAOs. 
- **As a Founder**, I want to be able to renew expired or soon-to-be-expired memberships of my DAO. 

Marketplace

- **As a Hacker**, I want to be able to publish and sell apps and integrations for DAOs.
- **As a Founder**, I want to be able to browse and purchase apps and integrations for my DAO.
- **As a User**, I want to be able to see ratings and reviews for apps and integrations.

Secure Messaging

- **As a Member**, I want to be able to securely communicate with other members of my organization.
- **As a Member**, I want to be able to securely communicate with members of other organizations.

AI Assistant

- **As a Member**, I want to have an assistant that can execute actions available to my user using natural language.
- **As a Founder/Admin**, I want to be able to tell an assistant to manage actions in my DAO including creating new ones based on my detailed prompt.

Hacker Playground

- **As a Hacker**, I want to have access to a web terminal connected to a personal virtual machine with a variety of commands that allow me to interact with any Kusama blockchain, create scripts, deploy contracts and other actions.
- **As a Hacker**, I want to have a code editor where I can create smart contracts and other programs that can be installed by DAOs.