

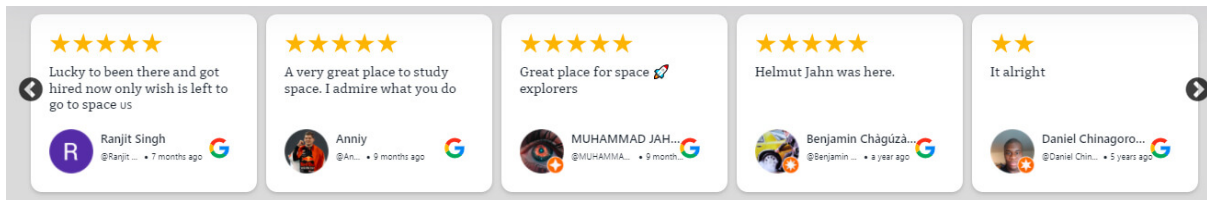
WHITE PAPER

BOUNTIES

CRONOS	Deployed on Cronos mainnet or testnet
IPFS	The best use of Filecoin for persistent, decentralized storage and/or IPFS for content addressing directly or via tools* such as NFT.storage, Web3.storage etc. AND/OR any implementation of p2p infrastructure with Libp2p libraries.
WALLET CONNECT	This bounty is about finding the Best Mobile UX project.

I) CURRENT ISSUES

Today we use Google Reviews to list reviews of particular events. So when you want to go to a place, you analyze the reviews to make a decision. Reputation has become very important for a place, especially with the rise of the internet.



However, there are limits to the use of Google Reviews since:

- Reviews can be censored by Google as it is a centralized entity. It is possible to bias the results by buying the data for example.
- Sometimes false reviews can be posted as competitors often post negative reviews in order to diminish the reputation of a place and make their own more attractive.

II) SOLUTION

Momento is a curation-based decentralized application listing reviews of different Web3 events. The goal is to get real information from a real participant and to contribute to the reputation of an event for the benefit of everyone. So, here are the main advantages of using blockchain within this dapp:

- **Certify the opinions given by users**

It is important that the reviews are left by users who actually participated in the event. For this we will require proof that a user participated in the event (POAPs) in order for the user to generate a review on the application. Issuance of these POAPs should be done by

more than 1 entity in order to ensure that the event organizers do not have full control over who will review the events.

- **Creating social interactions**

Momento can leverage the Lens protocol social ecosystem to create a specialized feed aimed at IRL social interactions by sharing photos of moments on events in a decentralized manner.

The user can build their own library of outings and then add additional information such as date, address, friends with whom the moment was shared.

The user also has access to a history of their travels so that they can share it directly on their profile and get followers.



- **Get real-time feedback**

One of the objectives of this dapp is also to increase security and feedback, by sharing uncensorable reviews, it will be able to serve as a reputation validator to events, adding extra layers of security to participants. Without access to local guides that can provide the required knowledge to understand the local culture and filter possible scams, Momento offers the platform for these interactions to happen naturally and will allow for greater confidence when choosing which events you want to participate in.

III) FUNCTIONALITIES

- **Get a list of suggestions according to our interests**

Our application includes the use of tags to provide an experience that matches the interests of the users. For example, it is possible to customize the experience depending on whether the person prefers blockchain development, NFTs or parties.

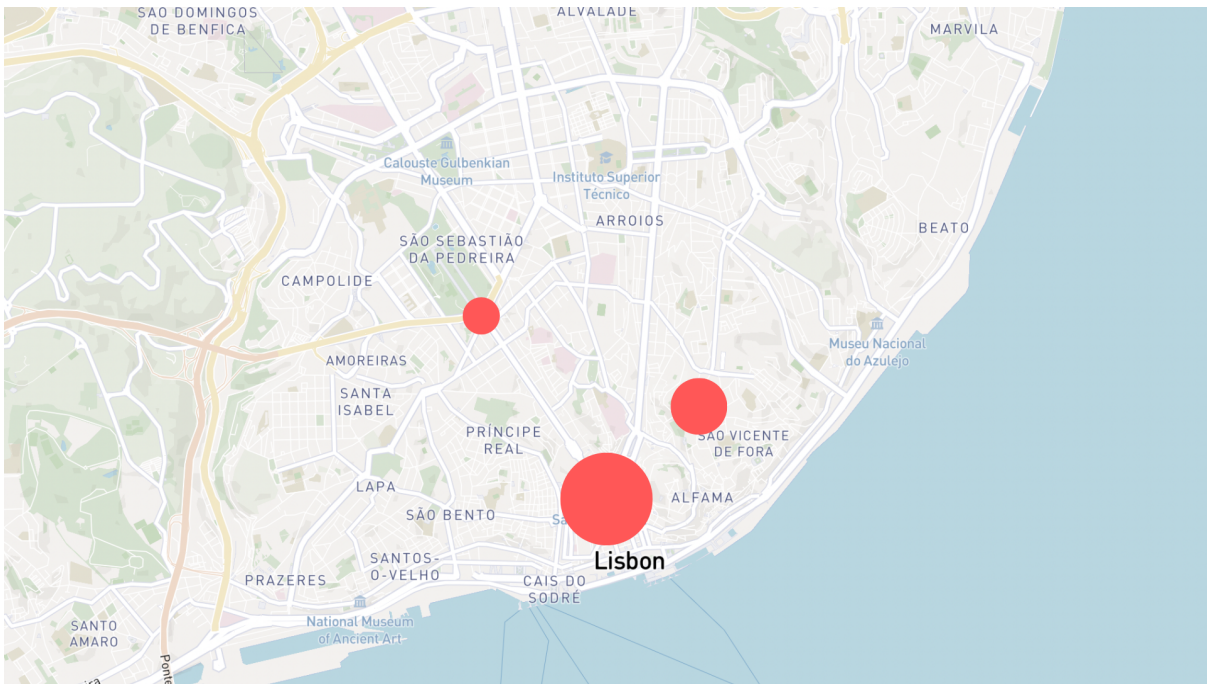
- **Different visualization over reviews: Lists and Geographical view**

1) List view

The user will be able to see the reviews event by list and then filter according to several subjects: safety, atmosphere, quality...

2) Geographical view

The user will be able to see heatmaps of events and to deep dive to explore what events are happening around them through a map. There are larger and smaller circles to show where the events are concentrated visually.



- **Build a Web3 reputation**

With the implementation of Lens in our solution, users have the possibility to share their opinions and photos in real time about events. This allows users to show their activity within our dapp and to get rewards.

IV) SOFTWARE ARCHITECTURE

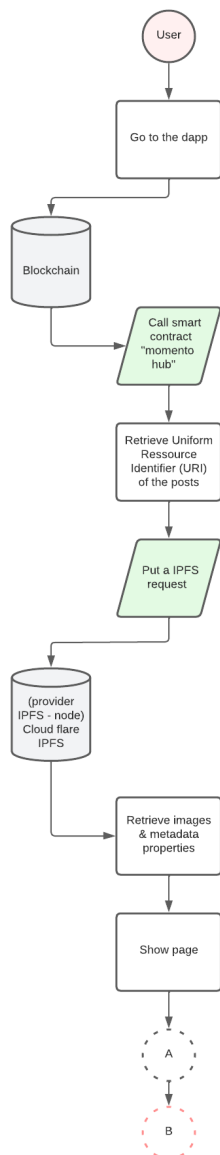
Momento leverages **WalletConnect** communication protocol to be able to integrate with a wide variety of wallets in order to create a secure and safe platform.

All information stored on Momento is stored using **IPFS** in order to guarantee it's decentralization, scalability and stability.

Momento was built using solidity to target the EVM ecosystem and it is therefore present in **Cronos and polygon testnets**.

Lens is used to create more social interaction and allow the user to build a Web3 reputation.

- **General architecture**

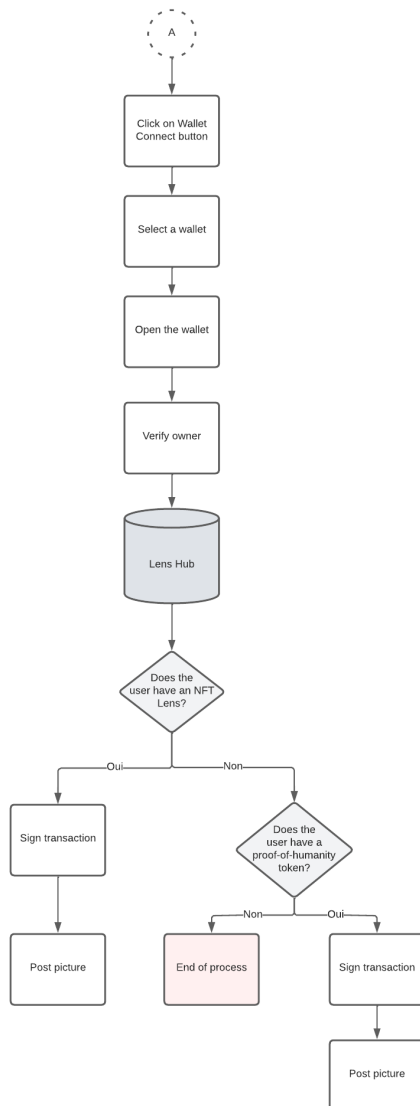


Instructions:

- 1) The user goes to the Momento dapp
- 2) The blockchain calls the "momento hub" smart contract
- 3) The smart contract retrieves the Uniform Resource Identifier (URI) of the relevant posts for your location, which in the case of Momento are IPFS links
- 4) The IPFS request is executed through Cloud Flare IPFS to accelerate the process.
- 5) The metadata stored on IPFS holds the uploaded images and metadata relevant to each review

6) The user can now browse the list of event reviews

- **Event A: connection with WalletConnect**

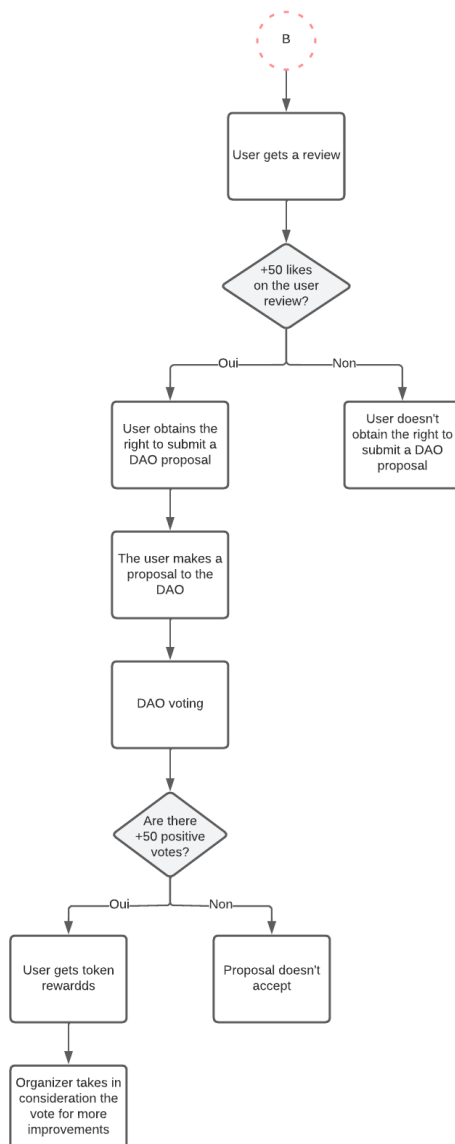


Instructions:

- 1) The user clicks on Wallet Connect button in the below
- 2) The user selects a wallet (rainbow, metamask, argent...)
- 3) The wallet is opening
- 4) The wallet makes a verification of the owner
- 5) Verify if the user owns a Lens NFT
- 6) If yes: user can sign transaction and post his picture

- 7) If no: verification if the user owns a proof-of-humanity token
- 8) If yes: user can sign transaction and post his picture

- **Event B: DAO voting**



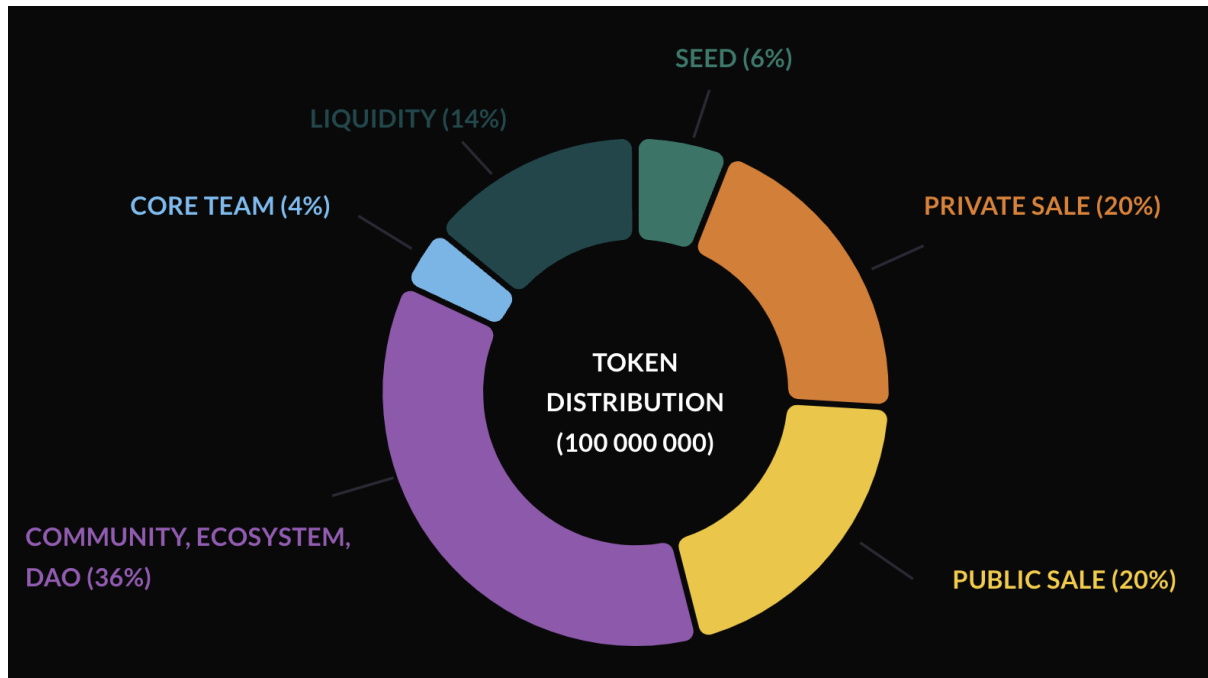
Instructions:

- 1) User posts a review
- 2) Are there more than 50 likes on the post?
- 3) If yes: the user gets a right to submit a proposal to the CAD
- 4) If no: the user does not have the right to submit a proposal to the DAO
- 5) The user make a proposal to the DAO

- 6) When the vote is closed and positive: the user receives a MMO reward token
- 7) The organizer take in consideration the vote

III) **BUSINESS MODEL**

Tokenomics



Our MMO token has a purpose:

- Encourage users to post relevant comments to gain the right to make suggestions for improvement
- Allow organizers to get constructive feedback to improve
- Evolve the potential of the dapp by building an ecosystem

VI) **ROADMAP**

- **Integration of Sismo ZK Badge**

We will implement Sismo's proof-of-humanity token which allows us to prove to our dapp that the person is not a bot and that they are a human. To do this, the user must take a video of themselves with their Ethereum address to prove that they are a real person. They must also deposit ETH as collateral. If the dapp detects that there is an error, such as the user using multiple accounts to post notices, then their ETH are cashed out.

In addition, the ZK badge will be useful for issuing and certifying users. We can create different grades:

- 10 reviews: ZK badge with beginner level
- 20 reviews: ZK badge with intermediate level

-50 reviews: ZK badge with expert level

In the future, these ZK Badges will allow users to unlock exclusive features: beta testing, rewards...

- **White listing**

Organizers will be able to encourage users to give feedback by offering a white listing for the next event. Users engaged in the community can be rewarded in this way. Event organizers will be happy to collect feedback to improve the event in the future.

- **Make a proposal & DAO voting**

Active and relevant users are rewarded. Activity is measured by likes (+50 likes on a comment), this means being active on Lens to share your opinion to a wider target and bring in new users. When the user unlocks the right to submit a proposal to the DAO, they participate in the development of the event by proposing an improvement to it.

Subsequently, users have the opportunity to vote for or against the submitted proposal. At the end of the vote, if the proposal is approved, the idea is officially submitted to the organizers to help them in their strategic choices.