A scalable architecture for the creation and transfer of Collaborative Digital Content

Problem statement

Current digital content (NFTs) marketplaces are mainly based on Ethereum. Ethereum poses two main problems: lack of scalability and volatile currency.

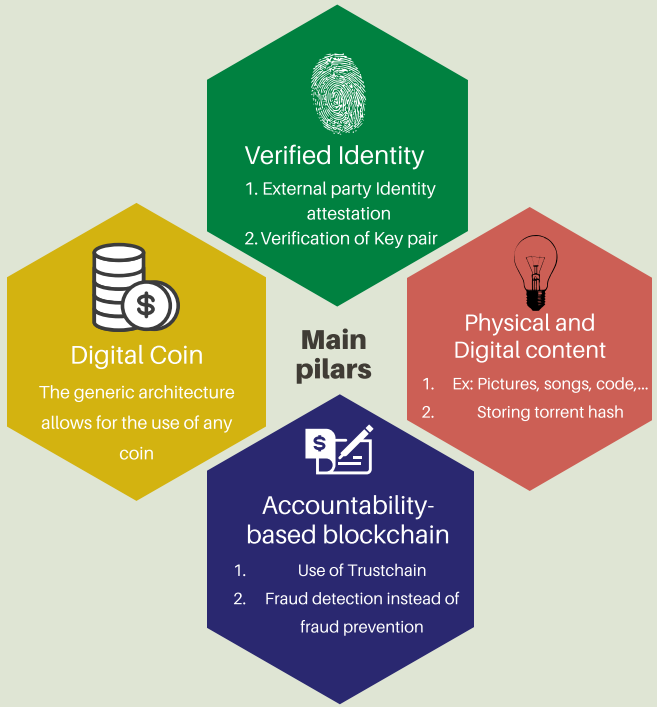
Moreover, artists do not have a framework in which they can share their work, work on collaborative projects and get attribution and royalties for their content.

Research Question & Methodology

The main research question is:

How can we enhance content sharing by verified identities while maintaining attribution in a scalable and generic architecture?

The methodology will be focused in the development of the generic architecture by integrating SSI attribution, digital coin transfer (using the Eurotoken as an example), creation of NFTs and Trustchain. Moreover, a comparison study between the scalability of this architecture compared to the performance of Ethereum will be done.



Results

Conclusion

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