FlatFeeStack as a Decentralized Autonomous Organization

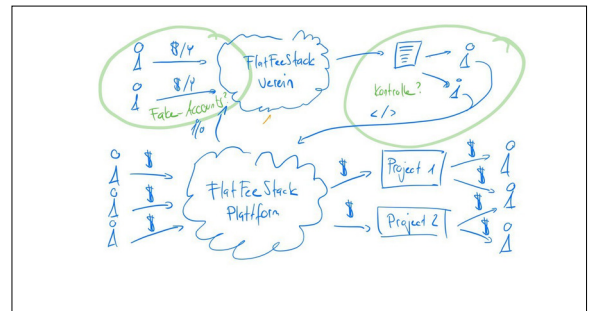## Students

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Introduction: FlatFeeStack allows developers to easily and transparently support open- source projects by providing a flat fee of $120 per year. FlatFeeStack sponsors open-source contributors based on their contribution to a project, calculated using metrics like contributed lines of code. The platform accepts payment by credit card and makes payouts using cryptocurrencies.

The community should operate and further develop FlatFeeStack, just like open-source software. For handling payments, FlatFeeStack requires a legal entity. The concept of an association under Swiss law can fulfill these two demands. Which allows for the realization of a collaborative cooperation that can act as a legal entity.
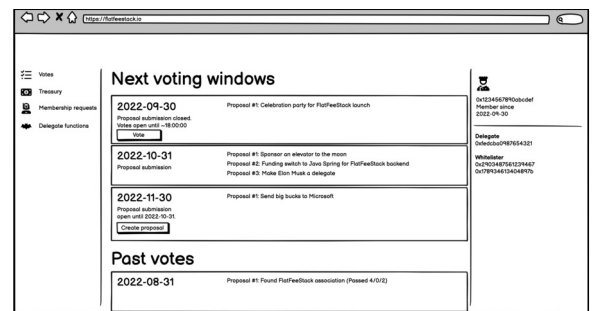
Definition of Task: Modeling the association on the blockchain ensures a democratic process and enables cooperation beyond Swiss borders. Based on the concept of a decentralized autonomous organization (DAO), smart contracts were written so that all legal requirements of a Swiss association are met and thus, all activities of an association can be performed via the blockchain. Additionally, a frontend is provided for simple interaction with the smart contracts. This frontend was integrated into the existing frontend of FlatFeeStack. Statutes have been developed that are specifically adapted to the concepts of the DAO and the implementation of smart contracts. These are required for the association to be able to act.

Result: With all artifacts from this project, the "FlatFeeStack Association" is ready to be founded.
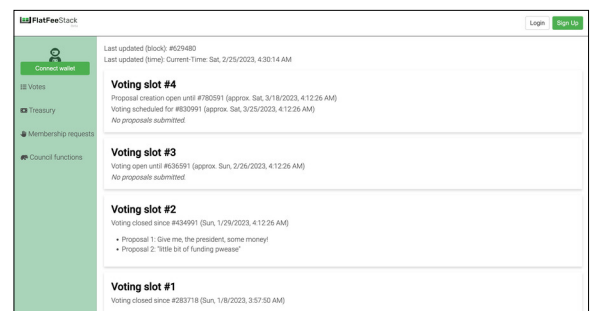
DAA structure
Own presentment

User interface draft for start screen
Own presentment

Final start screen
Own presentment

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Subject Area
Software, Internet Technologies and Applications