

The presentation of System UnTZI

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The progress of the blockchain

- With the widespread use of tokens, the blockchain has "fluid information in fluid form like
 - **“who” has “what” and “how many” tokens**
 - **who is in what state (On-Off with or without tokens)**
 - **Who has a relationship with whom (split ownership of tokens)**

System UnTZI Development History

- Utilize XYMFIT's experience in managing fluid values (in that case, experience values) by synchronizing them with the blockchain in the real world.
- Practice of “SCAM Theory”, which states that the value of the blockchain increases as transactions and transactions are made, not its informational value or usecase.

Last year's disastrous defeat



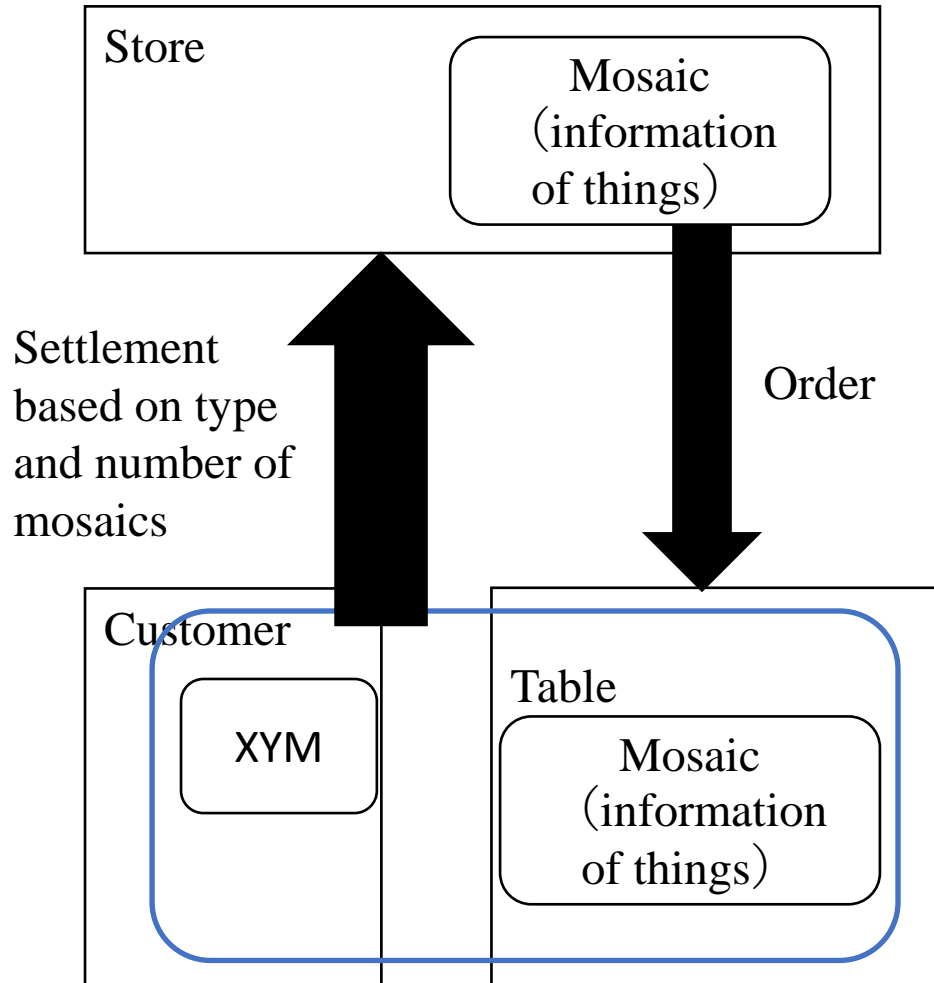
- Last year's hackathon entry, “Symbol Authenticator”, failed miserably.
- In the first place, requiring each person to adjust the application itself by tinkering with it was a problem in itself.

As a development of Symbol Authenticator

- Lump together a system that "authenticates something based on the mosaic information it possesses" as a specific case.

⇒ Create a pseudo XYM payment system

Discussion with Mr. NineLives at XYMPOSIUM

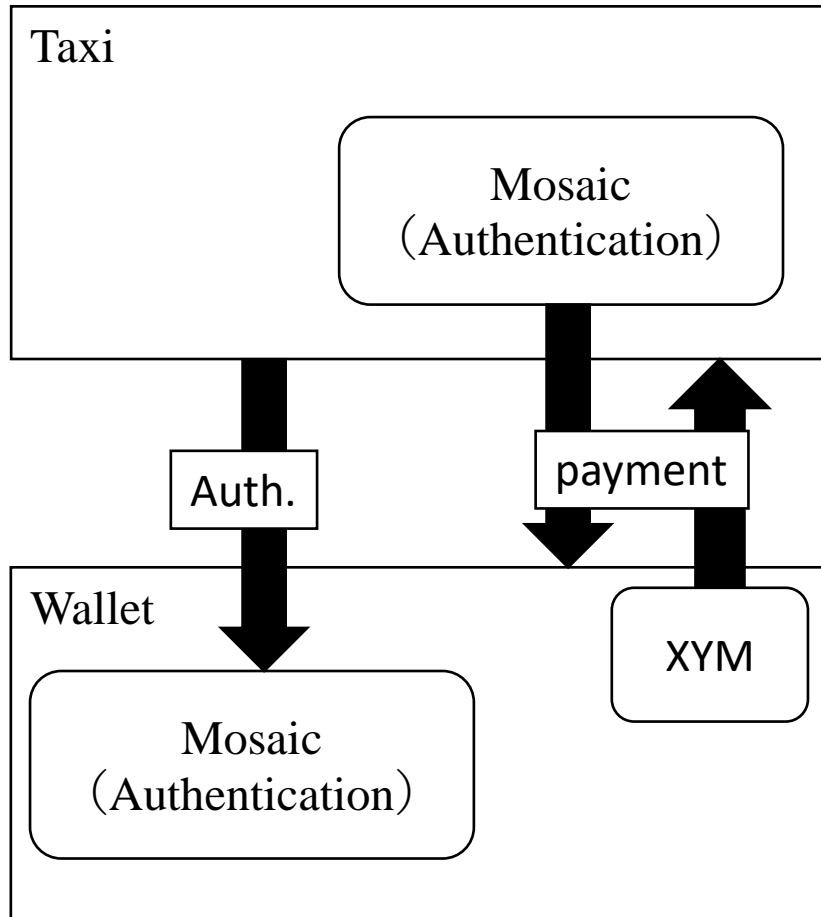


- After talking with developer NineLives, who was researching a payment system using mosaics, I came up with the idea of using mosaics for authentication and vouchers, and transaction notifications for operations.

Differences between the original system and the submitted application

- The original plan was to treat the ordering terminal and wallet as separate devices.
- However, since few users are likely to have two terminals, we decided to make it work with one terminal.
- I also planned to run the system with three, stores, tables, and wallets, but decided that the wallets would have the information in case we wanted to run them at the same time.

UnTZI Development (Example)



- UnTZI can take advantage of the fact that it is a mosaic-based authentication system and can be converted to a reservation system.
- The Revoke feature allows users to handle authentication applications without having to have a private key.

The possibility of Symbol 2.0

- It does not have to be a public chain to operate this UnTZI, it can be done on a private chain with a faucet gas bill.
- By the way, it is said that Symbol can construct a private chain relatively easily,
... but four voting nodes are required for finalization.

The possibility of Symbol 2.0

- Symbol can cross-chain swap between the same Symbol (even between private and public)
- Symbol's new standard will be this kind of "using different layers of public chain and private chain per business location".