lab10 - Research #27

Voucher system

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Status:	In Progress	
Priority:	Normal	
Assignee:		

Description

What would a Crypto/Blockchain based Voucher system look like?
What implications would the potentially gained transferability have?

Aspects to consider:

- Issuance
- Voucher properties, e.g
    - value (or more complex denomination, like discount in percentage with threshold and limit)
    - temporal validity constraints
    - location constraints
    - other, more fancy constraints? (it's software!)
    - transferability
- Convertibility

TODO: Research existing, traditional (paper based) voucher systems to better understand what a crypto equivalent could to better.

Hypothetical scenario:
A voucher aware wallet is aware of an imminent payment, automatically queries an Exchange for compatible vouchers, automatically buys if that saves money.
That would turn vouchers into a convertible commodity, into just another form of discount (which they already are, but with more strings and handling overhead attached).
Voucher providers may not like this (or would they? What's the real motivation for issuing vouchers?)
On the other hand, such vouchers would become more like a self-issued currency with fixed pegging to the fiat currency.
Such a self-issued currency could be very interesting for end-user-facing brands as it opens up new opportunities for communicating with and engaging users/consumers, becoming the ultimate expression of the brand (materialized brand image). In a [prosumer](#) like relation, coins could be generated as a reaction to observed favourable behaviour.