

Micro Payment

Create a micropayment transaction extension that works to keep users anonymous and creates a scrambling method to make sure content cannot be accessed for free.

- a) Can the hash of the blockchain relate to how the page is scrambled?
 - Would adding data from the blockchain either take too long or compromise the anonymity of the user?
- b) Is creating our own blockchain relevant or necessary to this goal?
 - Are there other blockchains that could be used and would developers use a product like this?
- c) What are the reasons companies will want to adopt our extension?
 - Would the security of payment be enough for companies to see the value in our technology?
- d) Will this extension create ease of use compared to conventional methods?
 - If not, are our target users already using crypto?
 - Does our beginning target audience of news content fit the needs of blockchain or page scrambling?

(my opinion)

- a. From research it seems there is an implicit problem or it is hard to find specific information on the topic. We would need more specifics to realize this goal.
- b. If unique aspects of our application require use to create our own blockchain may have too much overhead to be worth the work. Being able to use a predefined blockchain that can be changed for our uses would be ideal, since we can do testing of our system without our blockchain being in question.
- c. If we can create ease of use and an adaptable extension that is convenient for business' to use. Though blockchain is the underlying technology, this easy of use aspect defines the success of the application.
- d. Personally I believe blockchain is not the technology to utilize for this problem. The security inherent with blockchain does not create a better user experience when companies have been taking information from us for decades without our knowledge. The uses for such a blockchain would probably work better for illicit substances and pornography due to the current user base of crypto, and the use case of news content may not be a needed until 1984 comes. Blockchain as a technology inherently bets on the destabilization of society, and asking establishments to buy into it will be a big hurdle.

TCG NFT Dapp

Creating a blockchain NFT Dapp that uses a hex code to create randomly assigned abilities to each card represented by the blockchain. The hex code would be a specified length and never grow with the original set(ICO) having zeros for around half of the code. Each new set(or offering) would add another ascii character to the code replacing a zero and exponentially adding cards until the full hex code is complete. The hex code will represent types and abilities of the cards while the length of zeros shows the set(date or creation).

- a) What would be needed to create half(or less) of the cards at once for the ICO?
 - Can we acquire the resources to create the cards before they are purchased?
- b) What blockchain would we use for our Dapp?
 - Should the connectivity, customization, or other attributes be maximized by our decision?
 - Would we need real crypto for testing?
 - What would the cost of testing be?
- c) Would the growing complexity of the hex code create problems?
 - Could the UI handle the hex code value?
 - Would duplicate cards ever be possible?
 - Would it be hard to gauge value?
- d) What problems would be created by making a playing platform as well as a trading platform?
 - Are there security concerns on the front end?
- e) Will the purchase of a card be the same as the creation?
 - Are the cards randomly purchased?
 - Is there a rarity system?
 - Could we create a packing system for purchases?
- f) Would cards be bought and sold or primarily traded?
 - Would we be able to interact with the market, and how would we if we can?
 - How would transactions be made?(what currency)
- g) Can a sustainable meta be made with the random nature of the system?
 - Will there ever be changes to the rules and how are those communicated to users?
 - Will there be different game types?
- h) What resources do we give to the blockchain comparative to the game design?
 - Will a playable demo be part of our end of the year goal?
 - Is the connecting to the blockchain more important than the games design or UI?
 - Is a physical version useful to the project goal?

Reference Micro Payment:

<https://www.geeksforgeeks.org/applications-of-hashing/>