Final Paper (TEAM JSP)

Motivation

Support Station is an online petition platform where petitioners pose social problems, and multiple people show their support to the petitioners. Seeing the process of the Blue House and the people directly communicate and solve problems via the national petition of the Blue House, I have wanted to make a counter where many people can sympathize and support to solve problems inappropriate for the national petition of the Blue House.

Why does the blockchain network is needed?

I chose blockchain for this service because it reveals the supporters' signature to everyone and its network guarantees the integrity. Because every one of the supporters' signatures is saved in a block, the data cannot be removed or manipulated for political purpose. The way Support Station works is very simple. The petitioner makes a petition and pays for 'the target number of signers' * transaction fee + 1 KLAY. Once the payment is made, the transaction with information of the petitioner and the petition is spread via blockchain network. 1K LAY is the minimum fee for site operation.

How does 'SupportStation' work?

Supporters can show their support with one click without any payment, and the transaction for the support is delivered to the network. At Front-end, the petition and number of signers, etc. are shown to the site users based on the information saved on the network. Petitioner can save their effort and cost by gathering supporters on Support Station instead of going out to streets to get signature.

Impact

Supporters can easily show their support to a petition online. Not only social issues on the national petition of the Blue House, but petitions of various topics can be registered so we expect it to be a huge community.

Business

We aim for petition registration with minimum cost. So we set the minimum usage fee for the service at 1KLAY, and once it becomes a huge community, we are thinking of making profits from Google ad, etc.

Counter-question

Q) How do you stop bots from supporting specific petition for bad purpose?

A) I tried to think how to prevent bots from inappropriate action on the petition. I added 'Google login' button to support the petition. But Some could create fake accounts on Google automatically and manipulate the supporters' count. Although I considered the captcha, but I didn't add that feature. Because 'SupportStation' is being at proof of concept stage.