Possibility to introduce online voting by using blockchain

About ETHTerakoya

Purpose of ETHTerakoya

■ We pick up the specific themes of the industry and explore the issues in depth to create a proposal for Ethereum about making use of the blockchain
■ We put multiple perspectives including business, technology, law, etc. to consider practical application and create specifications for standardization
■ To share knowledge broadly through practical workshops based on the content explored in-depth in working groups

Working group activities with expert members × Workshops (once every 2 weeks for a total of 6)	Public Workshops (once every 2-3 months)

Technology
- Possibilities of Achievement
- Current Technical Issues
- Solutions

Business / Law
- Issues of each Industry
- Legal/regulatory Bottleneck
- Reasons Why Using Blockchain

■ Image of Target Participant
Engineers/business operators who are implementing or may implement blockchain

■ Goal of Workshops
Using the blockchain implementation decision making axis as a base, will be able to prioritize it in your own mind.

Operated with the support of the Ethereum Foundation

■ Working together with the Ethereum official team, which has the world's largest blockchain development community, we disseminate information both within Japan and around the world.
■ While exploring industry themes in-depth, we clarify the challenges to utilize Ethereum, and give feedback to the Ethereum foundation on how to make improvements necessary to make utilization of the blockchain.

Theme

"ID × Voting × Blockchain"

Background

・ In Japanese national government elections, most of the operations by voters and administrators are analog-based and inefficient.

・ In this situation with COVID-19, it's argent matter to improve the efficiency of government agencies. We have high expectations for the implementation of Online voting.

(1) Business: Requirements for elections

(2) Law: Required legal revisions

(3) Technology: Technical solutions

トランプ大統領 郵便投票で"不正起きている" 訴訟辞さぬ構え

2020年11月2日 18時51分 アメリカ大統領選

3日に投票日が迫ったアメリカ大統領選挙はトランプ
盤での票の掘り起こしに全力をあげました。一方、ト
しだい、弁護士を用意する」と述べ、不正が起きてい
訴訟も辞さない構えを示しました。

アメリカ大統領選挙は日本時間の3日夜夜票が始まり

最後の日曜日となった1日、トランプ大統領は5つの
ダでは午前0時を回って翌未明に及んだ集会で「フロ
とができる」と訴えました。

ウイルス感染力 いつまで

緊急事態宣言

7都府県対象 来月6日まで

108兆円の緊急経済対策

Schedule

18:00-18:05: About ETHTerakoya (Cougar, Ishii)

18:05-18:15: Toward the Implementation of Online Voting (CollaboGate, Kurihara)

18:15-18:30: Points to Consider regarding Online Voting (Act, Asai)

18:30-18:45: Legal Challenges surrounding Online Voting (Waseda Legal Commons, Inamura)

18:45-19:05: Reliability of ID Authentication and ID Information in Online Voting (Hitachi, Naganuma and Fujitsu, Horii)

19:05-19:35: Voting Anonymity (Cougar, Ishiguro and Comps, Nishimura)

19:35-19:50: Voting Transparency and Verifiability (Cybozu Labs, Mitsunari)

19:50-20:00: Future Developments of ETHTerakoya (Cougar, Ishii)