

Evaluating The Role of Block Chain Technology in Corona Virus Disease (Covid 19).

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Abstract: *Block chain has large determination of utilizations in medical services. This innovation works with the solid exchange of patient clinical records, deals with the medications give chain and conjointly assists wellbeing with caring specialists. Block chain innovation will assume a urgent part inside the guide area, with further developed show information the executives to lessening defers that happen all through prohibitive endorsements, and conjointly form the correspondence between shifted partners of the accessibility chain, and so forth The unfurl of data has strongly overstated all through the Covid event, and existing stages come up short on the adaptability to approve the information authenticity that winds up in broad daylight frenzy and unreasonable conduct. In this way, fostering a square chain-based following framework is fundamentally indispensable to ensure that the information got by the overall population and government organizations is solid. we can ponder differed block chain applications and openings in fighting the COVID-19 pandemic and foster a following framework for the information gathered from changed outside sources. Block chain innovation has a few potential use cases which will be acclimated tackle this pandemic emergency. It additionally can be acclimated adjust the run processes for antibodies and medications, raise public mindfulness, straightforwardly track gifts and gathering pledges exercises, and go about as a dependable information following application framework. Building a square chain stage to follow COVID-19 transmission is significant, as a few of the as of now created frameworks square measure in danger of hacking and cybercriminals. Creating and carrying out a square chain-based reply over old incorporated reply in shifted viewpoints, just as information taking care of, value confirmation, adaptation to internal failure, and so on is fundamental thinking about this emergency. It will help with building a reasonable and efficient framework to battle the COVID-19 pandemic through trusty, confirmed, circulated, and alter versatile record innovation. The expected applications and use cases given by the square chain innovation will be acclimated viably subsume the COVID-19 pandemic.*

Keywords: Block Chain Technology in Corona Virus Disease

REFERENCES

- [1]. M. Torky and A. E. Hassanien, "COVID-19 block chain framework: Innovative approach," arXiv preprint arXiv: 2004.06081, 2020
- [2]. Christina Maxouris, "WHO coronavirus disease (COVID-19) dashboard ," [Online]. Accessed on 12/08/2020, August 2020, <https://covid19.who.int/>.
- [3]. V. Chamola, V. Hassija, V. Gupta, and M. Guizani, "A comprehensive review of the COVID-19 pandemic and the role of IoT, Drones, AI, Blockchain, and 5G in managing its impact," IEEE Access, vol. 8, pp. 90 225– 90 265, 2020.