

Supply Chain Management Using Block Chain

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Abstract: This project pursue to examine how blockchain technology can be appealed in the sector of supply chain management, beyond its common interconnection with cryptocurrencies. While technology is frequently interrelated with finance, it has several favorable applications in non-financial industries such as food and power. By make use of blockchain technology, it is feasible to generate enduring, attainable, and empirical data of products as they proceed through the supply chain. This improves the capability to track the products, guarantee their legitimacy and morality, and do so in a more cost-efficient manner. The possible advantages of using blockchain in agribusiness were also debated, as well as the case for executing a blockchain based small business in the automotive manufacturing industry. This project prefers to outline work of block chain technology in the field of supply chain. As an endeavor to cooperate with the physical one, we support a track of the journey of the supply chain products from producers to consumers. The user can access a complete documentation and confidence that the information is on target and precise. Block chain technology demonstrate to be useful in the supply chain zone in the following ways: diminish mistakes, reduce product retards, delete fraud activities, enhance management, improve consumer or supplier belief.

Keywords: Supply chain management, Distributed ledger, Smart contracts, Security, Cryptography.

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