A Project Abstract

on

DECENTRALIZED TRACEABILITY AND DIRECT MARKETING OF AGRICULTURE SUPPLY CHAIN

Submitted in partial fulfillment of the requirements

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BACHELOR OF TECHNOLOGY

in

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by

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ABSTRACT

The agriculture sector is facing the major challenges because of the absence of direct supply chain between farmers and buyers. This will lead to vulnerabilities, reduce the farmers income and compromises product quality. To address these issues, we are developing a web portal designed to promote transparency and traceability. Our web portal facilitates the visibility of farmers profiles, making their details accessible to the wide range of buyers. This approach lets buyers to connect with farmers through the portal, allowing them to negotiate and quickly update price agreements. To enhance transparency and security, our system incorporates Blockchain technology to record and securely store all transactions. By utilizing the power of Blockchain , we create an immutable ledger that enhances trust throughout the supply chain. Our innovative web portal strives to bridge the gap between farmers and buyers, promoting transparency, traceability and trust in agriculture transactions. This approach has the potential to benefit both farmers and consumers while promoting sustainable practices within the agricultural sector.

Keywords

Agriculture supply chain, Direct marketing, Blockchain, Traceability, Transparency.

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