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Medicine Traceability System using Blockchain

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ABSTRACT

Prerequisites from purchasers and governments to create increasingly supportable items have expanded amid late years. Regardless of whether items are certified, one can't ensure organizations meet these necessities, since no chain of occasions can check this exists. The transportation business needs certification and data on whether a item is transported economically. In any case, the industry likewise requires follow capacity through the whole production network. In this task, the creators ponder how detectability issues can be tackled from the point of view of a fourth gathering coordinations rm and how the straightforwardness could be expanded. Researchers contend that restricted of comprehending recognizability issues, and in the meantime accomplish straightforwardness, could be to utilize the blockchain technology; an innovation which stores information in sequential request, difficult to control a short time later. Accordingly, the blockchain innovation has been tried on an items now, from stacking at a provider, through a cross-docking terminal and a focal distribution center, to getting at a customers store. By incorporating a blockchain to a web application, empowering examining of QR codes through the camera, and connecting the data from the QR code to the blockchain, computerized impressions between the gatherings could be made at each transaction. The data on the blockchain empowers organizations to fortify the relationships with current clients and to pull in new ones

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1. INTRODUCTION

The aim of this system is to contribute to two different areas. Firstly, the field of tracking and tracing of goods, primarily in the medical industry. This by exploring how block chain technology could be applicable in the distribution part of a supply chain. Due to the increased demand of transparency from different stakeholders, our second intention of the study is to suggest a tool for managing transparency in the field of logistics by using blockchain technology. The purpose of the system is to study the real-world problem i.e. the traceability issues for the

cooperative, fourth party logistic (4PL) company. The company has a mismatch of the physical and digital ow, and the research intend to study if the

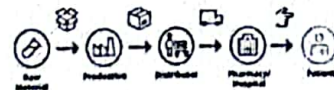
1.2 Motivation

The purpose of the system is to study and overcome the real world problem occurs in medicine supply chain and presence of counter fit drugs and medicine. Provide the transparency to end user..



Pharmaceutical supply chain

Today



Tomorrow

