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Fake Product Restriction using BlockChain

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Abstract: Recently, blockchain has become more popular as it fosters trust between untrusting participants. This paper uses blockchain technology to combat the sale of counterfeit products. In today's global marketplace, fake goods detection is a problem that is becoming more and more significant. The growth of fake products can harm consumers, cause brand reputation damage, and cost real firms money. The usage of blockchain technology is one potential fix for this issue. Blockchain is a distributed ledger technology that makes it possible to trace transactions securely and openly. Blockchain can aid in preventing the creation and sale of counterfeit goods by creating an unchangeable and impenetrable record of the supply chain. Smart contracts can be used in this situation to automate the verification process and make sure that only genuine goods are sold through legitimate channels. This essay will examine the drawbacks and potential advantages of using blockchain technology to identify counterfeit goods.

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I. Introduction

One technology that has shown great promise in restricting the sale of fake products is blockchain. Blockchain is a decentralized digital ledger that allows for secure and transparent record-keeping. The problem which we are encountering is very important for the upcoming world. That is restricting fake products from being sold in the market.

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