

PHARMA SENTINEL

A BLOCKCHAIN DRIVEN FAKE MEDICINE
DETECTION SYSTEM

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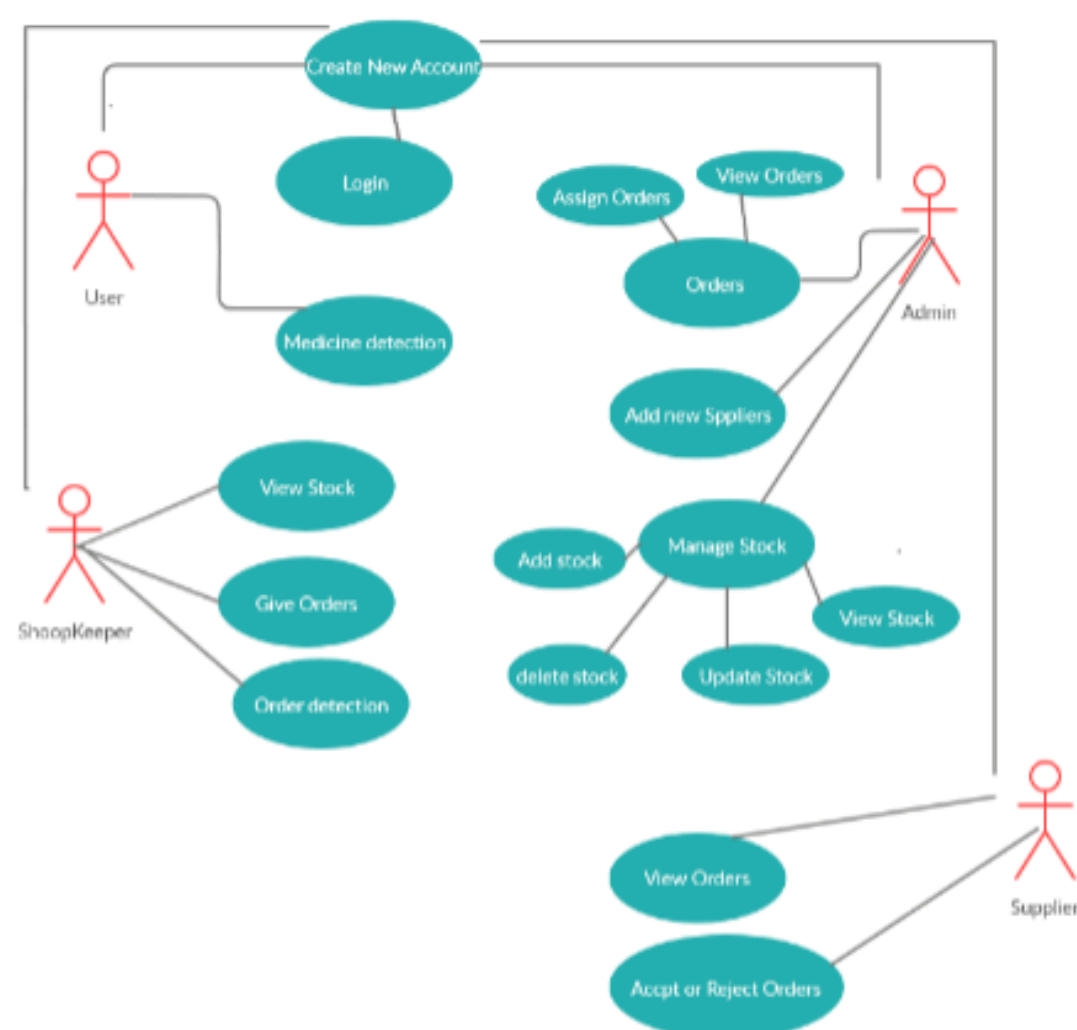
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USE CASE DIAGRAM:



PROBLEM STATEMENT:

The rise of counterfeit medicines in Pakistan poses a serious threat to public health, as fake drugs are difficult to trace and verify using traditional systems. There is a lack of transparency and secure tracking from pharmaceutical companies to end users, leading to risks of unsafe medication reaching the market.

SOLUTION:

Our proposed solution, PharmaSentinel, is a blockchain-based mobile and desktop application that ensures end-to-end tracking of medicine from pharmaceutical companies to end users. By using blockchain technology, each transaction and transfer is securely recorded, making the supply chain transparent, tamper-proof, and verifiable. The app allows users to scan a QR code on the medicine to check its authenticity, helping to eliminate counterfeit drugs from the market.

