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Introduction

Fraudulence, cheating, and deception can occur in the commercial real estate (CRE) industry besides the difficulty in searching for and transferring properties with ensuring the operation is processed through an authoritative source. To solve problems people, face in land registering and trading. We introduced a secure and transparent Blockchain-based website for land transactions to solve these problems allowing the seller and buyer to confidently trade their lands, protect lands from all third parties, and reduce the percentage of real estate offices.

No third parties in real estate market!!

BREAKING NEWS. BREAKING NEWS. B

Objectives

- Increase trust and transparency in land trading transactions.
- Connect buyer and seller without intermediate parties.
- Reduce the cost of intermediates.
- Decrease fraud cases.
- Produce a Decentralized approach (no third party).

Why does Ahmed look worried?



Results

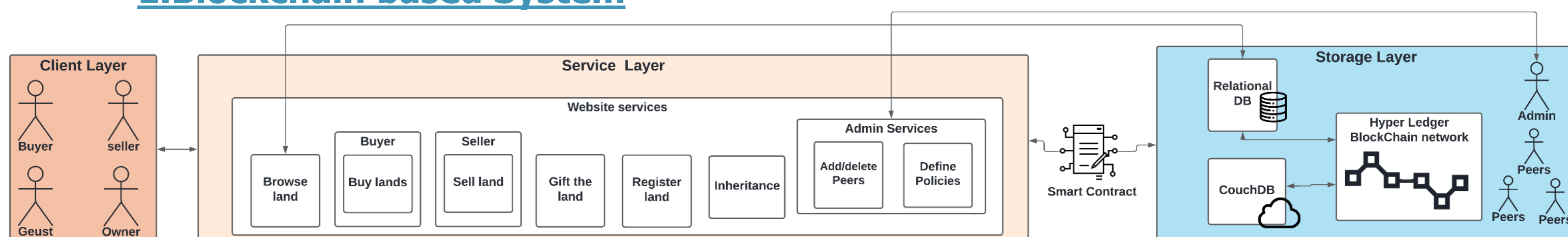
- 1- Our system provide the optimal solution by integrating the registration process in the blockchain and recording some necessary information on the RDBs to accelerate the trading process.
- 2- Hyperledger Fabric achieves privacy by isolating the private data via the method of private data collection and channel.
- 3- The system allows the trading process between the seller and the buyer without the need for an intermediary, thus, reducing the financial returns to third parties.
- 4- The system adhere to Islamic law and provides the process of transferring land ownership from the inheritor to the heir, thus resolving disputes related to inheritance issues.

Conclusions and Discussion

With the Saudi Arabia's orientation to making Makkah a smart city and moving towards a technological future for our country, we hope that our system will serve the future of the real estate market in Saudi Arabia, and we aspire to be one of the developed countries, especially in blockchain technology.

System design and implementation

1. Blockchain based System



2. Implementation

