



By



BChain Dynamics

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Real estate on blockchain

This project aims to ease the manual time consuming process of real estate transfers

Team: Codex

Members: Smit

Mentor: Koshik Raj

Guide: Kapil Agrawal

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Abstract

I'm planning to tokenize real estate, and facilitate it's transfer, sale, scrutiny on the Ethereum blockchain.

Project Description

I'm planning to tokenize real estate as ERC721 tokens and allocating it to the owners, the government could set its minimum price, when an asset is to be transferred, a smart contract is created, where the ERC721 token is deposited, the buyer's ETH address is whitelisted so others cannot claim the asset by sending funds, the price is set by the seller, if the buyer sends the prescribed amount of tokens to the contract within the stipulated time, the asset is transferred to the seller and the tokens are sent to the buyer.

Tools/Technologies To Be Used

Web3, Truffle, Ganache-cli, metamask, rinkeby
testnet, react, remix ide

Advantages

Real estate on blockchain would ensure that land is not encroached by land mafia, it would facilitate onchain records so the number of scams would go down.

Features/Functionalities

- 1) A smart contract would be created for the seller to deposit the erc721 token.
- 2) Buyer has to send the prescribed amount of tokens to it
- 3) The erc721 token is transferred to the buyer.