

Fungible Flipping Funding F³



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Problem Statement

Can you make money by flipping houses using smart contracts?

The current real estate market has made it hard for many individuals to own an estate let alone leverage property as an investment opportunity (i.e. house flipping) due to the different barriers to entry:

1. Initial costs/high down payments (average down payments are about 20%)
2. Credit
3. Competition/Bidding Wars
4. Brokerage Fees/ Commissions
5. Closing costs-lawyer fee, appraisals and land transfer tax

Solution

Our contract aims at solving these problems by:

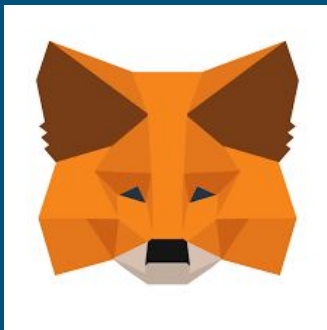
- Helping individuals be part of house flipping and ROI
- Connecting flippers with nontraditional investors and generating cash.
- Supplying capital in a timely manner

Process:

1. Flipper proposes plan with down payment, required work, expense coverage plan and timeline.
2. Investors pay to invest and receive tokens
3. Reports and updates issued quarterly.
4. Sell house at the end and users can sell tokens back for their portion of the profit.

Tools Implemented:

- Remix
- Ganache
- Web 3 / meta mask
- Solidity
- OpenZeppelin
- IPFS
- HTML
- Javascript
- CSS



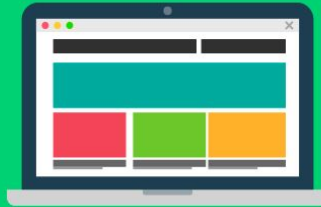
Project Plan

FrontEnd :

- HTML
- Javascript
- CSS

BackEnd :

- Solidity



FRONTEND



BACKEND

Demonstration

Things to improve:

- Issuing Quarterly Reporting. (IPFS)
- Determine how to allot percentage share.
- Front end for deploying contracts and controlling reports
- Login system using metamask

Questions?
