



Group 1 – Crowdsale Proposal

Crowdsale contract

Problem statement: It is hard to raise funds for private companies in the primary market. We are going to tokenize the enterprise value/ asset value using the proper ERC 20 standard to sell the FT.

Any company can issue the token to raise funds on our platform. We are not assessing the company but selling the route people can raise fund.

Target: institutional angel investors and aggressive retail investors who are interested in this fund-raising process.

Applications using:

- Ganache, MetaMask
- OpenZeppelin, SafeMath
- Remix (Solidity)
- ERC20

Coding Part - Crowdsale contract

Define variables:

Coin Name: AngelToken

Timeline: Selling time period is 12 weeks

Refundable policy: refund token if

Define modifier:

Conversion rate -- Asset value to token value

Modifier: asset value/ enterprise value

Mint, max token we are going to issue

Validating the transactions:

When the transaction goes through, set the min and max tokens investors can buy

Convert the token back to ETH

Future improvement:

Validating the business operation, fraud detection and due diligence.

Project Allocation:

- Readme File: Rod
- Coding: Abdullah, Rod, Syed
- Research part for transaction validation and asset tokenization: Minh and Annie
- Slides: Annie and Minh
- Present: Abdullah and Syed
- Q&A: Rod