FF-BANK

TEAM MEMBERS:

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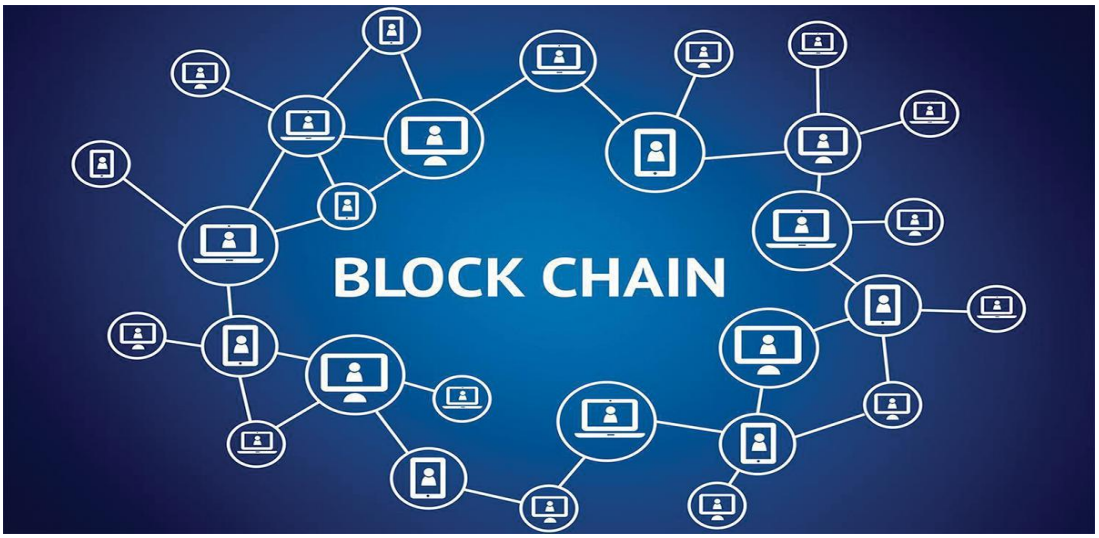


ABSTRACT

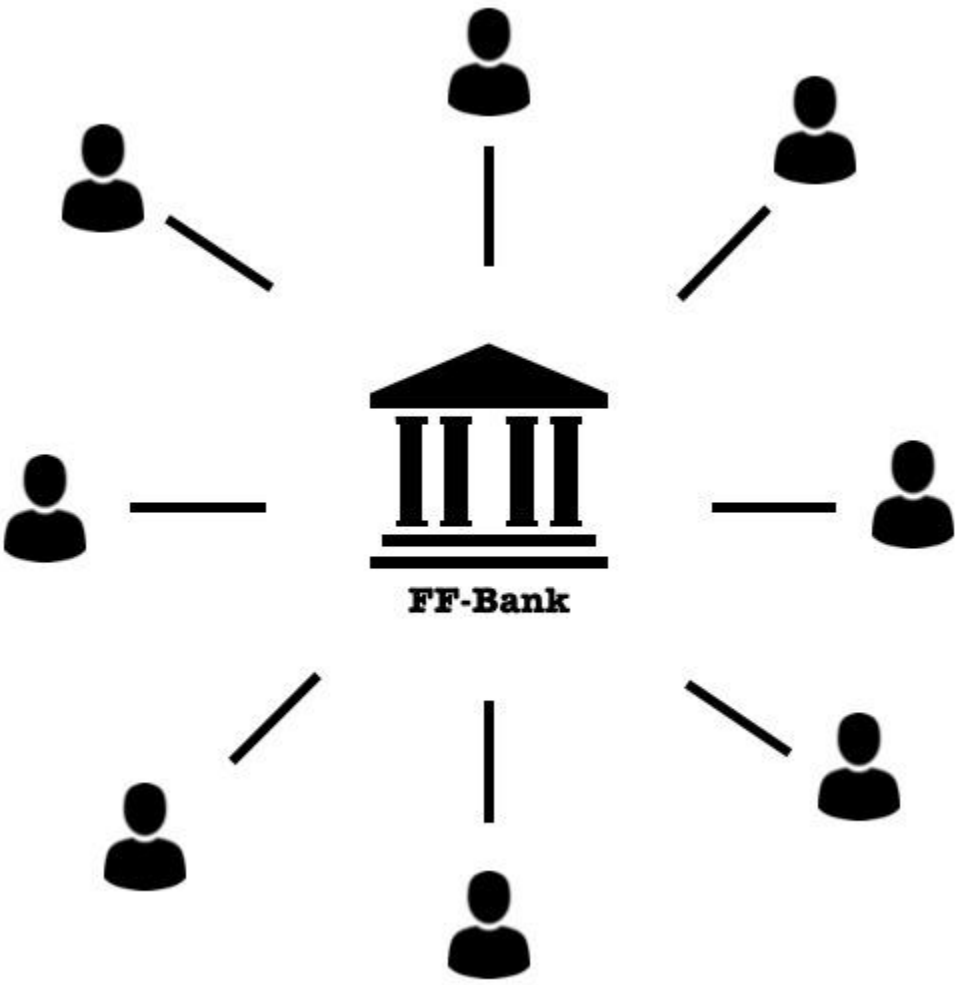
FF-Bank is a decentralized bank which leverages the use of digital contracts while interacting with blockchains.
This serves as a financial institution without any banks or brokers. The decentralized application runs on the Ethereum network using blockchain technology, this makes the banking completely decentralized.
For currency we have our own custom Token which has an initial total surplus, and a reward is assigned whenever some user deposits their own tokens in the DecentralizedBank.

Some of the problems we are tackling:

- ➢ Solves the trust issues between users and the bank
- ➢ The system is less probable to crash
- ➢ Removes the pressure of depending on institutions for oversight
- ➢ The transactions can not be manipulated by any single authority for malicious purposes

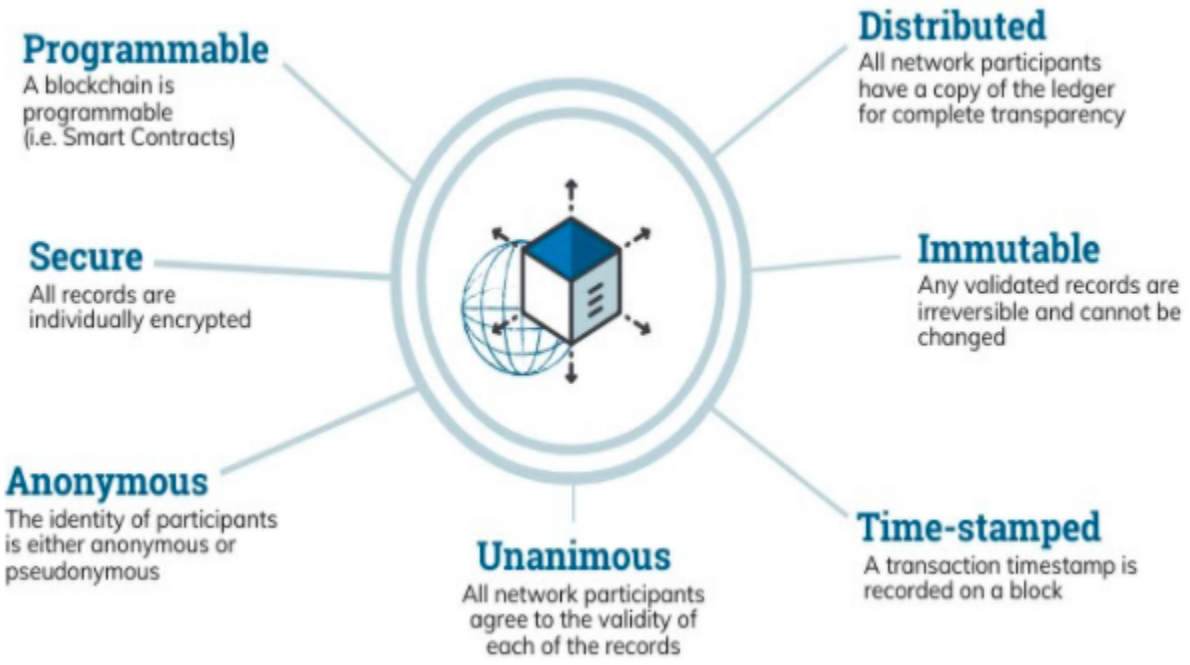
SOLUTION PROPOSED

Decentral Bank Contract: which has the surplus of our custom tokens
Custom Token: which acts as the currency in the system
Reward Token: the incentives provided by the bank



THE BENEFIT OF FF-BANK

- ➢Recording of real-time data -ensures consistency
- ➢Maintains anonymity -ensures the privacy of user
- ➢Unanimous system -ensures corruption less system
- ➢Non-mutable data -data validity
- ➢Date and time of the transaction
- ➢Incentives/Rewards earning when tokens are deposited
- ➢Full history of a all the transactions



PROJECT PLAN FROM (SEPTEMBER - DECEMBER)

Duration : 3 Months

WEEK	TASK/GOALS
Week ~ 1-2	• Setting up the environment for the development. • Getting familiar with the tools required. • Learning about Solidity.
Week ~ 3-4	• Learning JavaScript. • Working on smart contracts.
Week ~ 5-6	• Starting the implementation of blockchain using Javascript.
Week ~ 7- 8	• Working on other features. • Bug fixing.
Week ~ 9-10	• Testing and integration testing. • Building the frontend for easier user interaction

NOTE: *The work might not be evenly distributed, some tasks might take longer than the others. This schedule is a rough estimation.*

BIBLIOGRAPHY

- Image1 source
- Image2 source
- Reference Link