



CHARITY PROBING

TEAM : MYSTIC CHAIN

TEAM MEMBERS :

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INTRODUCTION



- CREATING A DECENTRALIZED AUTONOMOUS ORGANIZATION WHEREIN DIFFERENT COMMUNITIES TAKE SHAPE AS PER THE DONOR'S DEDICATED GOAL FOR THE AMOUNT DONATED.
- IN CENTRALIZED SYSTEMS, TRANSACTIONS ARE MUTABLE AND MIGHT LEAD TO AUTOCRACY AND DIVERSION OF FUNDS FROM ACTUAL CASES SINCE DATA OF AN INTERNAL ORGANIZATION IS NOT AVAILABLE IN PUBLIC DOMAIN.



FEATURES

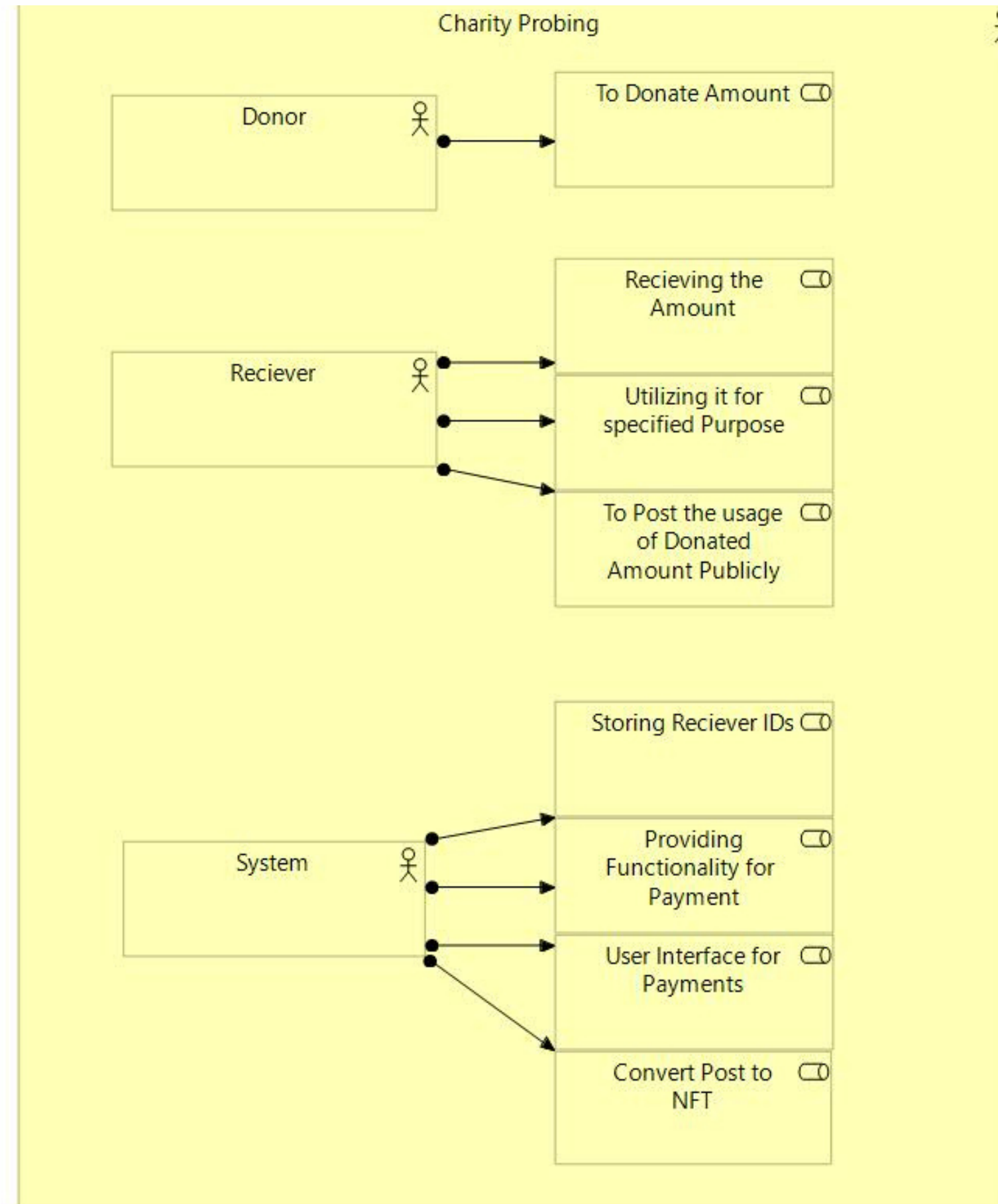


- DECENTRALIZED AUTONOMOUS ORGANIZATION
- TRANSPERANCY OF TRANSACTIONS
- SECURE PAYMENTS
- DONORS GETS TO DECIDE THE GOAL FOR MONEY DONATED
- USAGE OF AMOUNT RECEIVED POSTED PUBLICLY
- THIS POST IS CONVERTED TO NFT
- FUND FROM NFT GOES BACK TO CHARITY

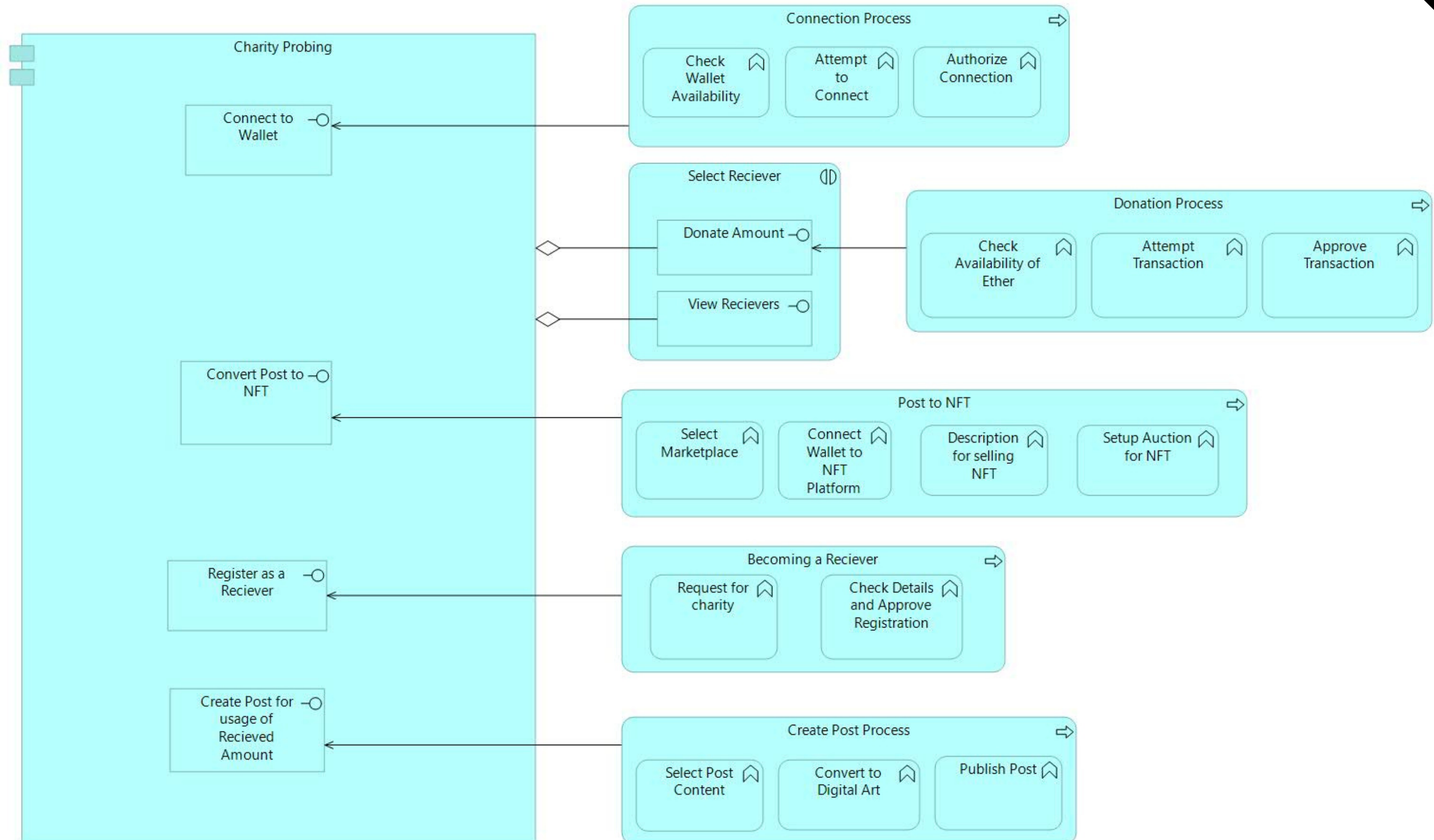
AIM

- WE WILL BE STORING RECEIVER IDS IN OUR DATABASE.
- THESE IDS WILL BE MADE AVAILABLE FOR THE DONOR TO SELECT THE PURPOSE OF THE AMOUNT DONATED
- WHEN THE DONOR DONATES AN AMOUNT, THE TRANSACTION IS SUBMITTED AS A SMART CONTRACT AND THE PARTICIPANTS CAN BE IMMEDIATELY CERTAIN OF IT, WITHOUT ANY INTERMEDIARY'S INVOLVEMENT OR TIME LOSS.
- IT THEN TRIGGERS THE NEXT ACTION WHEN THE CONDITIONS ARE MET, WHICH WILL BE DISPLAYING THE DETAILS OF THE TRANSACTION ON THE UI.

ARCHITECTURE



APPROACH





TECH STACK



FRAMEWORK

- REACT JS
- TRUFFLE
- GANACHE
- WEB3.JS
- ETHERS.JS
- MOCHA

USES

- REACT JS FOR - UI
- TRUFFLE - FOR TESTING
- GANACHE - FOR TESTING
- WEB3.JS - PROVIDES METHODS FOR INTERACTION WITH BLOCKCHAIN
- ETHERS.JS - FOR SEPARATING API INTO 2 PARTS : PROVIDER AND SIGNER

FUTURE SCOPE



- Table Coins Equivalent for Indian Rupee
- TableCoins for Donor Rewards