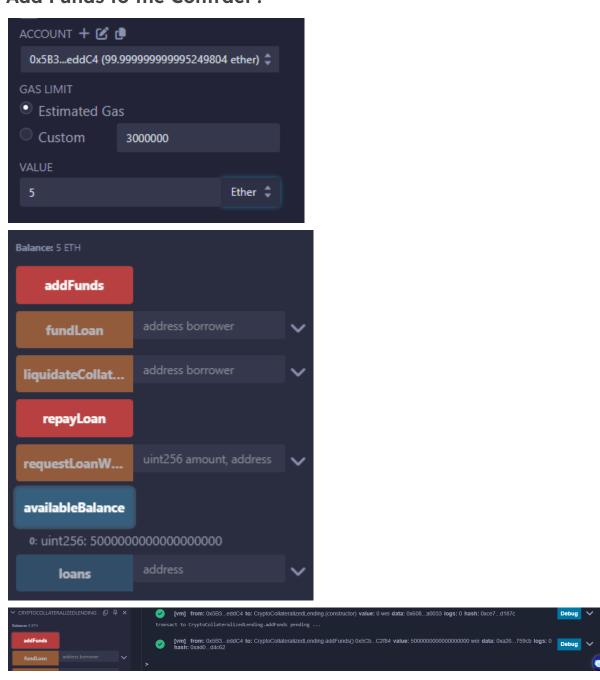# Decentralized Lending Platform
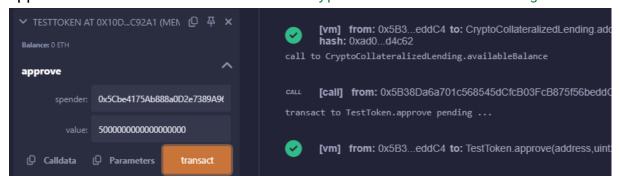
Testing Scenarios : Outputs
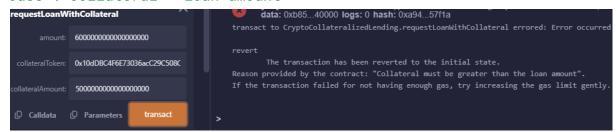
1. **Add Funds to the Contract :**

2. Request a Loan with Collateral:

Approve token transfer from borrower to CryptoCollateralizedLending

In CryptoCollateralizedLending, call requestLoanWithCollateral
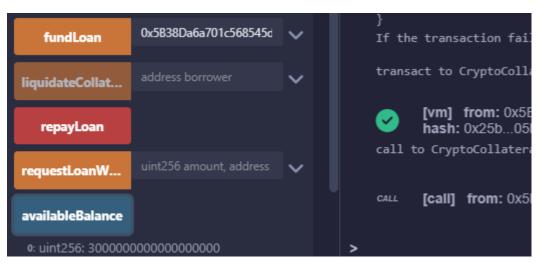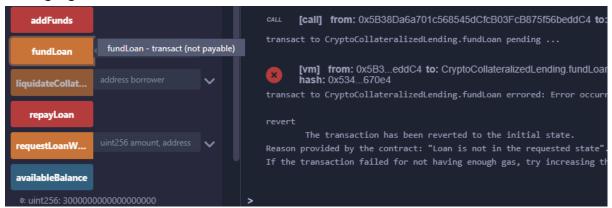case : Collateral < loan amount

Loan condition :
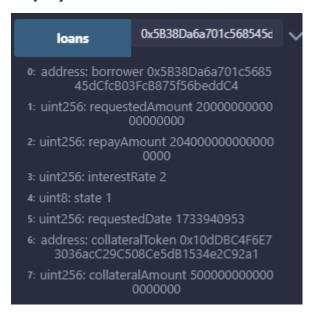

Again applying for loan with different value : Error
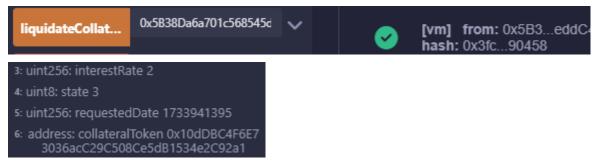
3. Fund a Loan :

Calling again

4. Repay a Loan :

VALUE

2040000000000000000 | Wei

repayLoan | ✓ | [vm] from: 0x5B3..
hash: 0x261...00e8d

It was under 1 min .
If it exceed 1 min that loan change to default state .

5. Liquidate Collateral :

liquidateCollat... | 0x5B38Da6a701c568545d ∨ | ✓ | [vm] from: 0x5B3...eddC4
hash: 0x3fc...90458

3: uint256: interestRate 2
4: uint8: state 3
5: uint256: requestedDate 1733941395
6: address: collateralToken 0x10dDBC4F6E7
    3036acC29C508Ce5dB1534e2C92a1

Again calling repay after loan default .

fundLoan | 0x5B38Da6a701c568545d ∨
liquidateCollat... | 0x5B38Da6a701c568545d ∨
repayLoan
requestLoanW... | uint256 amount, address ∨

❌ [vm] from: 0x5B3...eddC4 to: CryptoCollateralizedLending.repay
hash: 0x814...9a436
transact to CryptoCollateralizedLending.repayLoan errored: Error o

revert
        The transaction has been reverted to the initial state.
Reason provided by the contract: "Loan is not in the funded state".
If the transaction failed for not having enough gas, try increasing