Challenges Faced:

"Despite my *unfamiliarity* with blockchain and app development, I embraced the challenge of building a decentralized lending DApp.

Time constraints pushed me to swiftly learn blockchain, Ethereum, Solidity, and React. The days were so *hectic and rewarding* too.

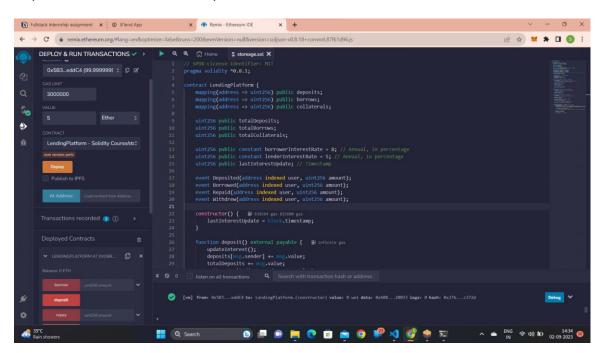
Despite my unfamiliarity, I delivered a functional DApp, showcasing my *hustler nature*, *dedication and adaptability*."

It was quite interesting project/assignment to work upon, paving my way in the *field of app/web dev, Block-chain and Decentralized Finance*. 🔾

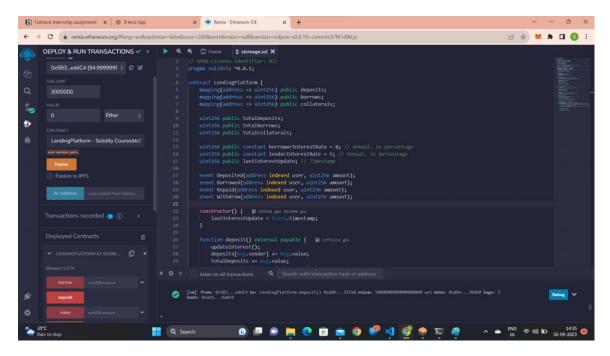
Lets see the Gradual Progress:) ..

Testing in Remix of the Solidity File:

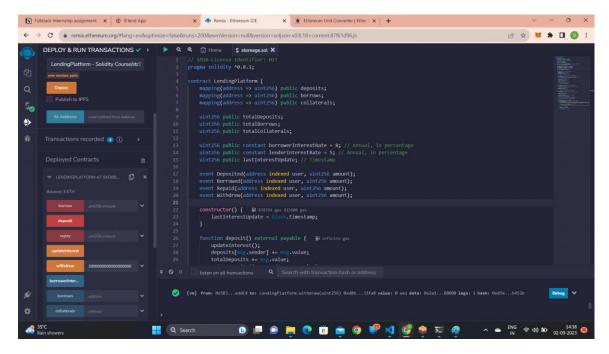
1. (Start-> Contract Balance: 0)



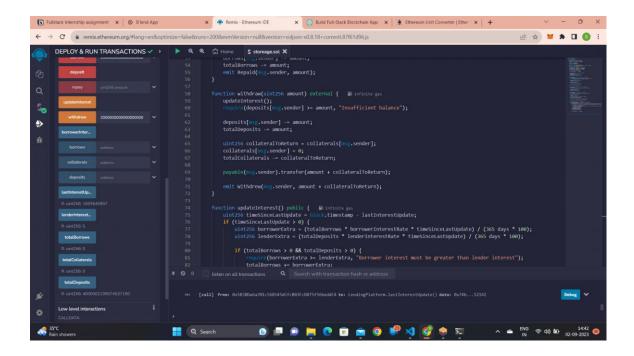
2. (Deposited 5 ETH now-> Contract Balance: 5ETH)



3. (WithDrew 2 ETH or 1,000,000,000,000,000 wei now-> Balance: 3 ETH)

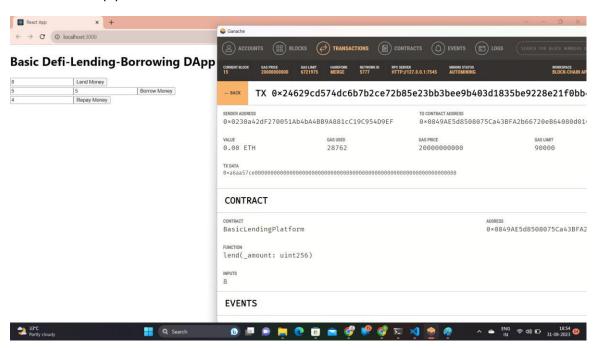


4. Other Functions like TotalDeposits, Total Borrow, Last Interest Timestamp Update,
Total Collaterals also working fine...

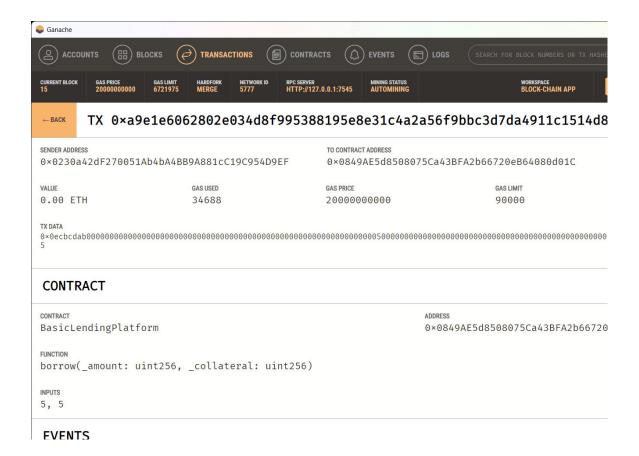


Transactions in Ganache Local Network: (primitive front end)

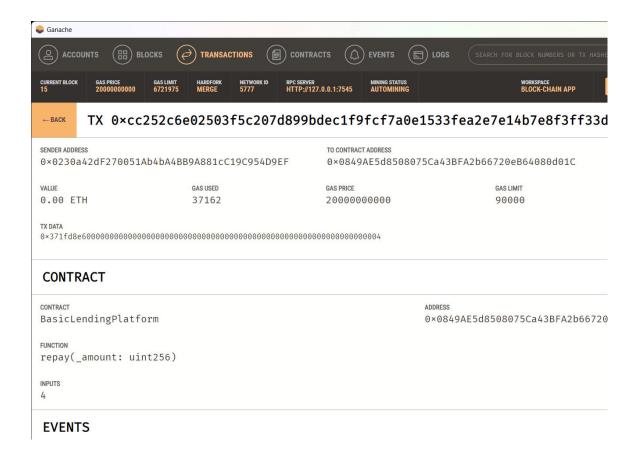
1. Event Lend (8)



2. Event Borrow (4,4)



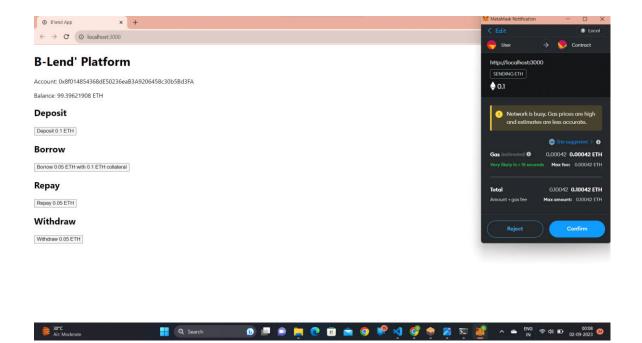
3. Event Repay (4)



Now with MetaMask Wallet:

- Connected with MetaMask Wallet.
- Imported Tokens in MetaMask wallet from Ganache.
- Improved Front End added feature to see balance and Address, still kept it a basic one.
- Fixed the Value amounts for Deposit, Borrow, Repay and WithDraw to reduce the user effort-less and preventing out-lier input failures.

1. Request Pop-up for .1ETH Deposit



2. Success Deposit of .1ETH (Note: Balance updates with page Refresh)

Q Search

