FinTech Bootcamp Capstone Project

Prepared & Presented by: Curtis MacDougall, Deep Bhojak, Harmish Panchal & Rosh Panesar

Project & Project Goals

https://share.streamlit.io/crypticcrusaders/capstone_project/main/cryptic_crusaders.py







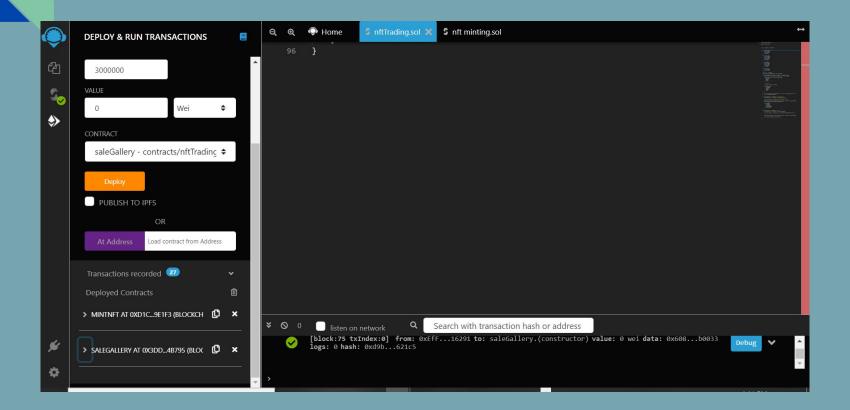
Approach

- Our project is powered through 3 smart contracts through solidity on the backend with a user friendly front end powered by the streamlit

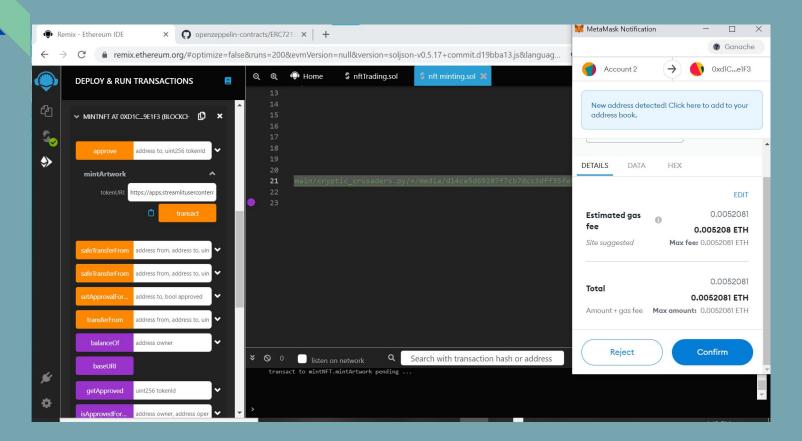
Front End - Internal



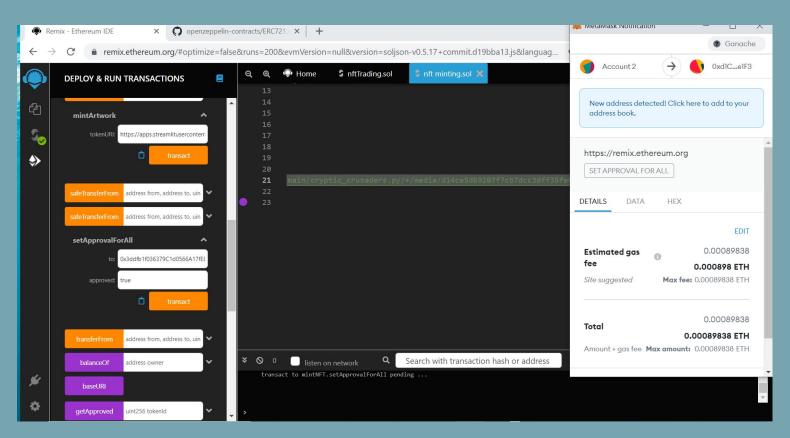
Back End - Smart Contracts



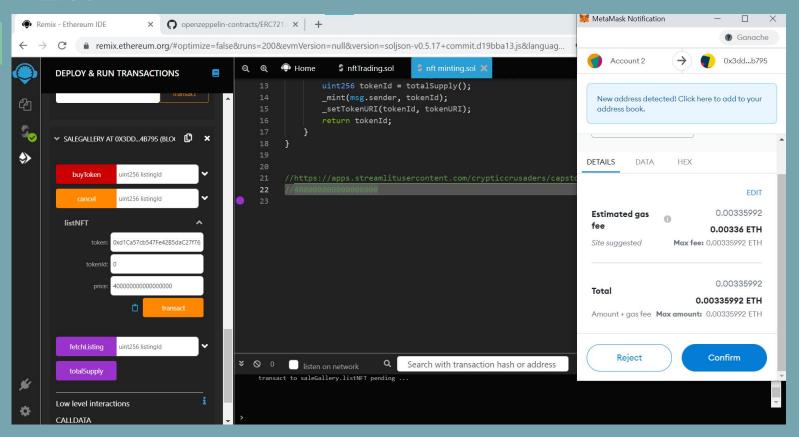
Mint



Setting Approval



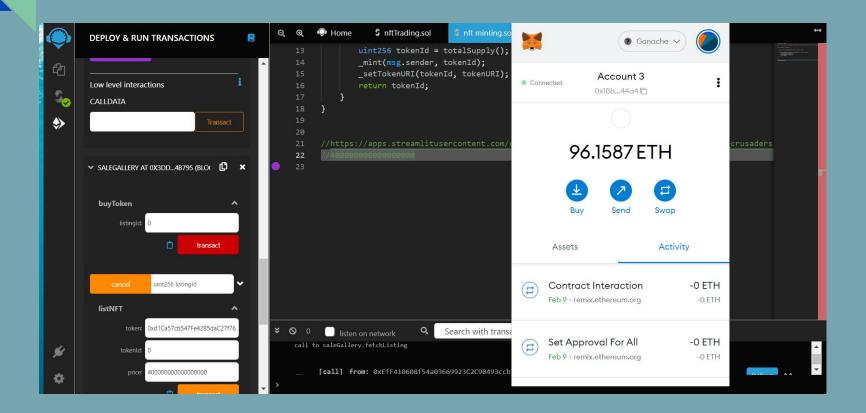
List NFT



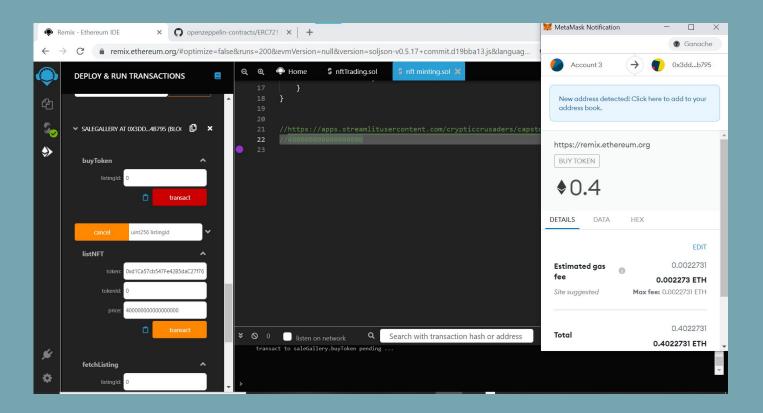
Fetch NFT

listNFT	^
token:	0xd1Ca57cb547Fe42B5daC27f76
tokenid:	0
price:	400000000000000000
	transact
fetchListing	•
listingId:	0
	call
0: tuple(address,address,uint256,uint25 6): 0xEfF410608f54a03669923C2C9B49 3ccb7f916291,0xd1Ca57cb547Fe42B5 daC27f76A4190E4Fa79e1F3,0,4000000 00000000000	

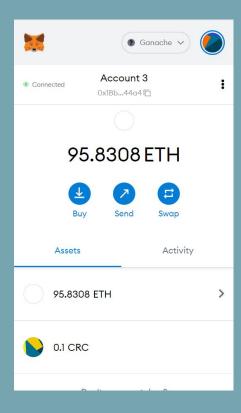
Change Wallet



Purchase



Proof of Purchase



Next Steps

- Build a robust collection of NFTs through the use of an NFT generator
- Build smart contract for Initial Coin Offering
- Explore other front end options
- Explore ERC721A for potential gas savings

Questions

