**Random Minting Flow**

1. **Deploy the Random Minting Contract:**

To start the random minting process, you need to deploy the Random Minting Contract on your desired blockchain network.

1. **Set the Token Address:**

After deploying the Random Minting Contract, you need to copy the Contract Address of the Token contract and put it in the setTokenAddress() function. This will set which token the contract accepts for minting.

1. **Set the NFT Price:**

You can set the price per NFT token, if you want to. This can be done using the setPrice() function.

1. **set the BaseURI:**

The base URI can be set during the deployment of the NFT smart contract. However, in the future, if there is a need to modify the base URI, it can be done using the setBaseURI() function provided in the smart contract.

**5.set the Max Supply:**

The maximum supply of an NFT can be defined during the deployment of the smart contract. However, if the need arises to modify the maximum supply in the future, the setMaxSupply() function can be utilized within the smart contract. This function allows for the addition of more NFTs to the existing supply. For example, if the maximum supply is initially set to 20 and the setMaxSupply() function is called with a value of 10, then the maximum supply will be increased to 30.

**6.Reserve NFTs for Owner:**

The owner of the contract can reserve NFTs for themselves without paying a price. This can be done using the reserve() function.

**7.Approve the Contract Address:**

To mint NFTs, the minter must first approve the NFT contract address to cut the price of NFTs they mint from the NFT contract. This can be done by calling the approve function in the token contract with the address of the Random NFT Minting Contract.

**8.Mint NFTs:**

Now, users can mint NFTs by calling the mintRandom() function on the Random Minting Contract. Users can mint between 1 to 10 packs, and each pack contains 3 NFTs.

**9.Burn NFTs:**

Users can burn their NFTs themselves, or they can give approval to the contract owner to burn the token for them. The burn function can be called to burn the NFTs. There is a counter for counting the burned tokens, which can be checked using the burnCounter().

**10.Withdraw Funds:**

The owner can withdraw the funds from the contract using the withdraw() function. This will transfer the funds from the contract to the owner's wallet.