

CryptoPaw NFT Marketplace Tutorial

Requirements:

- npm
- ganache or ganache-cli

Setup:

Download a copy of the repository to the machine:

```
git clone  
https://github.com/Yorzaren/cryptoboys-nft-marketplace.git
```

Change directories into the cryptoboys-nft-marketplace folder and install npm

```
cd cryptoboys-nft-marketplace  
  
npm install
```

Start Ganache with the GUI or by command line on port 7545

If using command line Ganache: `ganache-cli --port 7545`

Open a new terminal window to prevent the shut down ganache-cli.

While Ganache is running, compile the contracts and deploy them.

```
truffle compile  
  
truffle migrate
```

Once the contracts are deployed, you can then start the website.

```
npm start
```

The site should open on localhost:3000

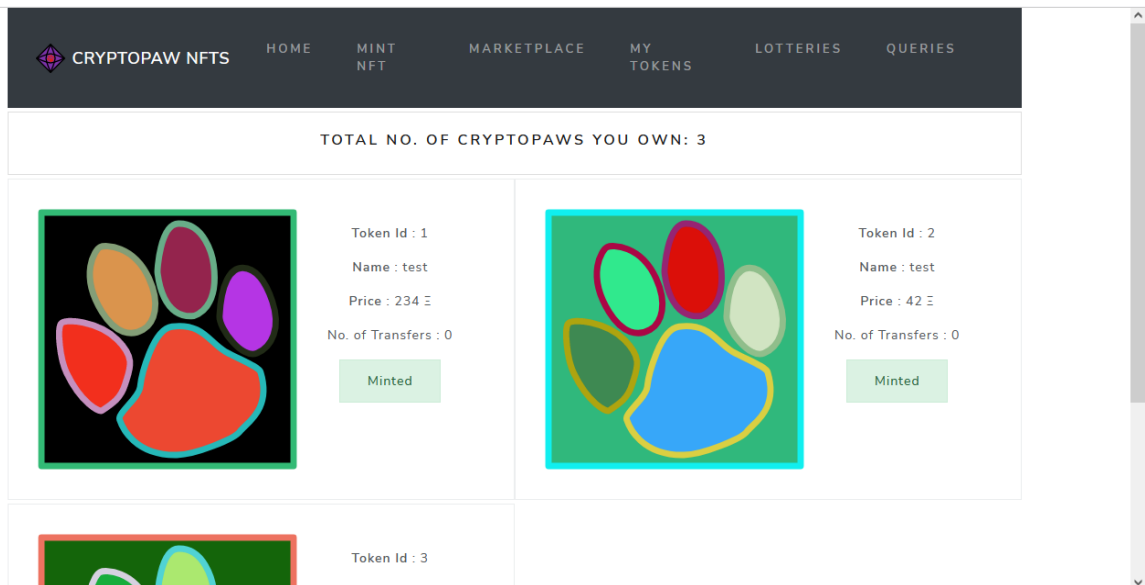
Connect to it using [MetaMask](#) on Localhost 7545 and import the accounts from ganache using the mnemonic.

Using the Site:

On <http://localhost:3000> you should see a button to connect to MetaMask. Click it and connect the accounts you want to use and then you will see the rest of the website.

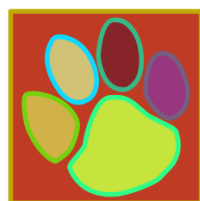
You can mint a CryptoPaw for 0.004 Etherium on <http://localhost:3000/#/mint>

(If you accessed the site within the first 5 minutes after the site went live and were able to complete the minting transaction, you are able to mint CryptoPaws for zero cost other than gas as part of the presale.)



Mint NTF Page: <http://localhost:3000/#/mint>

If you own a CryptoPaw token, you can set the price and list the token for sale, make a lottery, or create an auction.



Token Id : 1
Minted By : 0x776...42d27
Owned By : 0xAc4...8703D
Price : 10 ETH
No. of Transfers : 4

Change Token Price :

Enter new price

CHANGE PRICE

MAKE FOR SALE

Lottery Entry Price :


Enter new price

MAKE LOTTERY

CREATE AUCTION


If you want you can buy someone else's CryptoPaw token, if it is marked for sale on the marketplace. <http://localhost:3000/#/marketplace>

If there are lotteries going on, you can pay a fee and try to win the token.
<http://localhost:3000/#/lotteries>

 CRYPTOPAW NFTS

HOME MINT NFT MARKETPLACE MY TOKENS AUCTIONS LOTTERIES QUERIES


TOTAL NO. OF CRYPTOPAWS MINTED ON THE PLATFORM : 2



Token Id: 3
Minted By: 0xE3A...B99FC
Owned By : 0xFDA...E6Ae8
Entry Fee: 1
Number of Entrants: 0


ENTER LOTTERY FOR 1 ETH

If there are auctions going on, you can bid and attempt to win it at the auction house.
<http://localhost:3000/#/auctions>

 CRYPTOPAW NFTS

HOME MINT NFT MARKETPLACE MY TOKENS AUCTIONS LOTTERIES QUERIES

TOTAL NO. OF ONGOING AUCTIONS : 3



Token Id: 1
Minted By: 0x16C...13B10
Owned By : 0x8f8...E3890
Current Bid: 0
Your Current Bid: 0
Number of bids: 0