

# Aphrodite

Powered By Michael Moresi



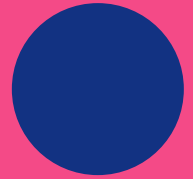
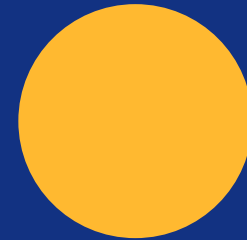
# Content Summary

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# Commission

A CLIENT ASKED ME TO BUILD AN AUCTION PLATFORM WHERE EVERYONE COULD SELL AND BUY ITEMS



## About The Project

**On this simulation  
you can sell and buy  
items in USD and  
aUSD. This one is a  
special ERC-20 token  
minted from  
Aphrodite smart  
contract  
(let's assume  $1 \text{ USD} = 1 \text{ aUSD}$ )**

# How It Works

Firstly you sign up, and then you can sell and bid items.

If you want to sell an item, you can decide whether to include your ethereum address or not, and in case you decide to include it, your item will be sold in aUSD.

Once the auction is terminated, the bidders who did not win will be immediately refunded, while the seller will get paid.

All the transactions are managed by local blockchain Ganache. Each transaction emits an event and this one is saved on Redis. Every 24h the 'bid events' are sent to Ropsten Blockchain

Price is less than or equal to:  Price is greater than or equal to:  
al to:  EndDate is greater than or equal to:

Search

5224



End Date: Dec. 24, 2021, 2:30 p.m.

Price: 8765 \$

"NFT 5224 di 10000"

Seller: pippo

Make an offer in aUSD

4606



End Date: Dec. 31, 2021, 2:27 p.m.

Price: 1999 \$

"NFT 4606 di 10000"

Seller: michelle

Make an offer in aUSD

Here you can see how the homepage looks

# BUILD WITH



## DJANGO

Django is a high-level Python web framework

## REMIX IDE

Remix IDE is a powerful open source tool that helps you write Solidity contracts straight from the browser.

## GANACHE/ROPSTEN

Ganache is a personal blockchain for rapid Ethereum and Corda distributed application development

Ropsten Ethereum, also known as "Ethereum Testnet", are as the name implies, a testing network that runs the same protocol as Ethereum does

## REDIS

Redis is a fast in-memory database and cache, open source under a BSD license, written in C and optimized for speed. Redis' name comes from "REmote DIctionary Server".



# Michael Moresi

[HTTPS://GITHUB.COM/MIK  
EMORESI/AUCTIONS-APP](https://github.com/mikemoresi/auctions-app)

