Zelda

By Our3

Gitcoin GR14 Hackathon

Takeaway:
We built a functioning system of title for real-world goods in 3 weeks

Features

- Makers can create digital tokens representing their real-world products.

- Buyers can buy products from the collections listed by makers.

- Makers can generate QR codes corresponding to purchases from buyers.

- Buyers can view their currently owned tokens.

Powered by

- **Pinata's** IPFS API for storage of collection metadata and images

- **Polygon** for speedy transactions and low fees

- **Covalent** for event-dependent execution and views of currently owned tokens

My Items

0x86...1199

something

0x73...F31f

Add line +

Add a Product Line:

Name of Product: New Line

Price: 60

Quantity: 10

Product Image: Choose File   No file chosen

Product info:

color	value	Remove field
size	value	Remove field
material	value	Remove field

Add a Field

Ipfs upload of product image and metadata

Create Product Line

Cancel

Our3 Marketplace

My Items 🦊

something

Add line +

Please select a product line to the left

Add a Product Line:

Name of Product: 20

Price: 20

Quantity: 20

Product Image: Choose File | No file chosen

Product info:

color	value	Remove field
size	value	Remove field
material	value	Remove field

Add a Field

Create Product Line

On chain collection creation

MetaMask Notification

◯ Hardhat

Account 2 → New Contract

http://localhost:3000

CONTRACT DEPLOYMENT

DETAILS   DATA

EDIT

Estimated gas fee ⓘ   0.00575306

0.005753 GO

Site suggested   Max fee: 0.00608757 GO
Likely in < 30 seconds

Total   0.00575306

0.00575306 GO

Amount + gas fee   Max amount: 0.00608757 GO

Reject   Confirm

p.// (ocalhost:3000/static/j
s/bundle.js:127326:5)

various   Modal.tsx:94
variables
{NODE_ENV: 'development',
PUBLIC_URL: '', WDS_SOCKET
_HOST: undefined, WDS_SOCK
ET_PATH: undefined, WDS_SO
CKET_PORT: undefined, …}
API Keys not   Modal.tsx:116
found
various   Modal.tsx:94
variables
{NODE_ENV: 'development',
PUBLIC_URL: '', WDS_SOCKET
_HOST: undefined, WDS_SOCK
ET_PATH: undefined, WDS_SO
CKET_PORT: undefined, …}
API Keys not   Modal.tsx:116
found

Makers About

Our3 Marketplace

My Items   🦊 0x86...1199

something

Add line +

Please select a product line to the left

Add a Product Line:

Name of Product: 20

Price: 20

Quantity: 20

Collection created at:
0xC469e7aE4aD962c30c7111dc580B4adbc7E914DD

OK

Create Product Line   Cancel

Confirmation
powered by
Covalent API
event listener

Makers   About

validateDOMNesting(...):
<form> cannot appear as a
descendant of <form>.
    at form
    at label
    at form
    at div
    at div
    at div
    at Modal (http://localho
st:3000/static/js/bundle.js:
2191:5)
    at div
    at div
    at div
    at Maker (http://localho
st:3000/static/js/bundle.js:
1901:66)
    at Outlet (http://localh
ost:3000/static/js/bundle.j
s:128492:26)
    at div
    at App
    at Routes (http://localh
ost:3000/static/js/bundle.j
s:128584:5)
    at Router (http://localh
ost:3000/static/js/bundle.j
s:128517:15)
    at BrowserRouter (htt
p://localhost:3000/static/j
s/bundle.js:127326:5)

various   Modal.tsx:94
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PUBLIC_URL: '', WDS_SOCKET
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ET_PATH: undefined, WDS_SO
CKET_PORT: undefined, …}

API Keys not   Modal.tsx:116
found

Filter

Default levels ▾   1 Issue: 1

My Items

0x86...1199

Browse Items

Owner:
0x8626f6940E2eb28930e

Price:
100 ether

placeholder img

Purchase

View details

Visitors can browse and buy

Makers   About

MetaMask
Our3 Marketplace

localhost:3000

Speed Run Ethere...   Become an Appre...   DAOhaus   web3 Grants
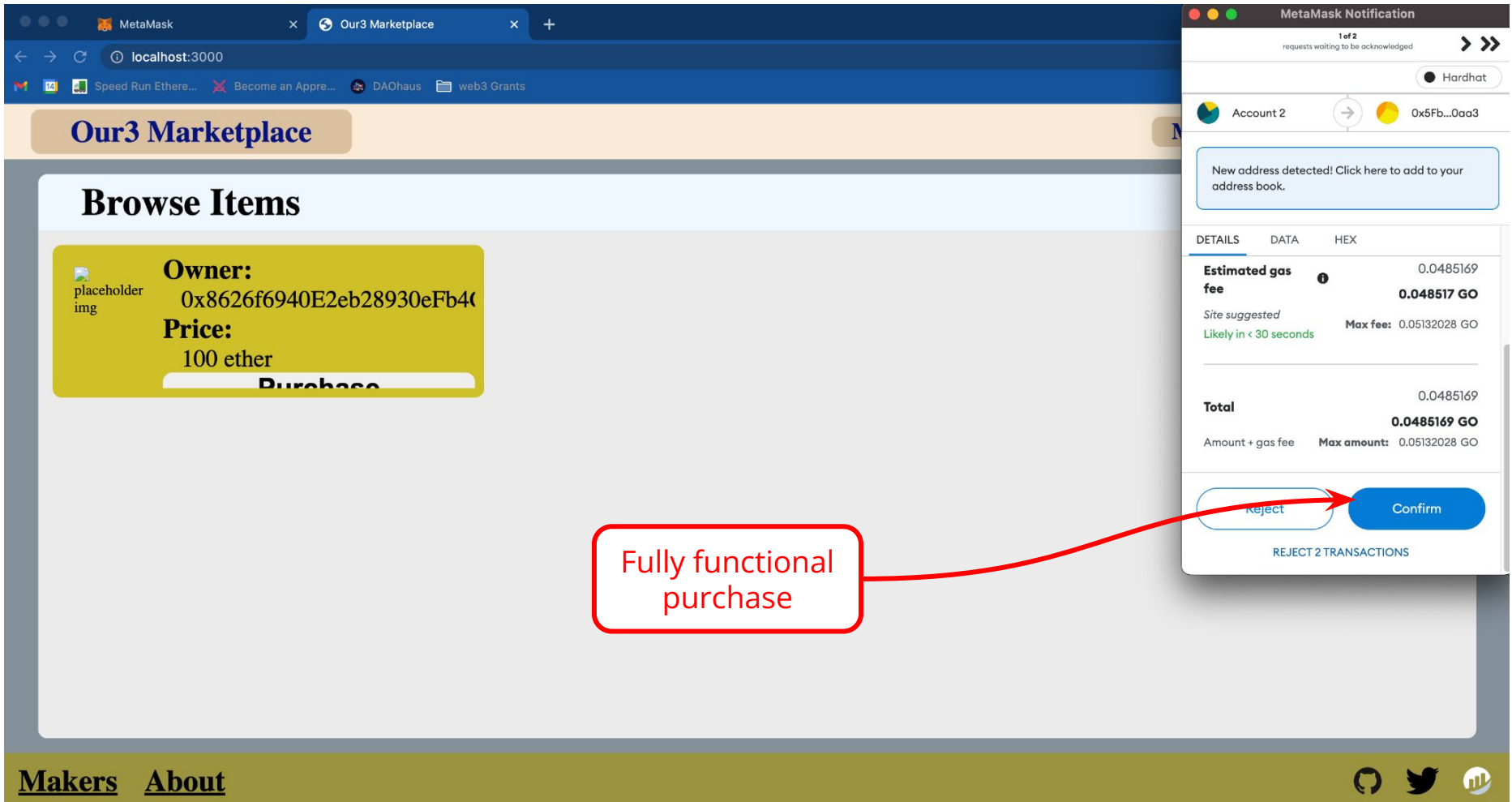
Our3 Marketplace

Browse Items

placeholder img

Owner:
0x8626f6940E2eb28930eFb4(

Price:
100 ether

Purchase

Hardhat

Account 2   →   0x5Fb...0aa3

New address detected! Click here to add to your address book.

DETAILS   DATA   HEX

Estimated gas fee ⓘ   0.0485169
                                    0.048517 GO

Site suggested   Max fee: 0.05132028 GO
Likely in < 30 seconds

Total   0.0485169
                                    0.0485169 GO

Amount + gas fee   **Max amount:** 0.05132028 GO

Reject   Confirm

REJECT 2 TRANSACTIONS

Fully functional purchase

Makers   **About**

localhost:3000/consumer/0xB1040D9E554F5D58C8368d0A4e04968C449E9AdB

Speed Run Ethere... Become an Appre... DAOhaus web3 Grants

Update

Our3 Marketplace

My Items

0xB1...9AdB

My Items

Name:

name

Owner:

0xB1040D9E554F5D58C8368d0A4e04968

Price:

0 ether

View details

Name:

name

Owner:

0xB1040D9E554F5D58C8368d0A4e04968

Price:

0 ether

View details

Name:

name

Owner:

0xB1040D9E554F5D58C8368d0A4e04968

Price:

0 ether

View details

My Items view powered by Covalent API

Makers   About

What's next?

- Create trust tiers for token makers.

- Allow makers to mint batches of tokens to reflect whole product lines.

- Allow buyers to generate tokens for items they already own.

- Allow for automatic delivery of token hardware links (QR codes).

- Store token history/provenance on chain.

- Marketplace features to allow users to search

Our Team

- Bryan Davis

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- Joey Marino

- José Ramón