

Decentralized Domain Management Service

Project Progress

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Problem Statement

Building a decentralized, secure, and censorship-resistant domain management system on the Ethereum blockchain to eliminate intermediaries and ensure true ownership.

Current Status

- Basic UI setup using React.
- User authentication and wallet connection implemented using MetaMask.
- Solidity contracts for domain registration and ownership transfer written.
- Basic testing on a local Ethereum test network.

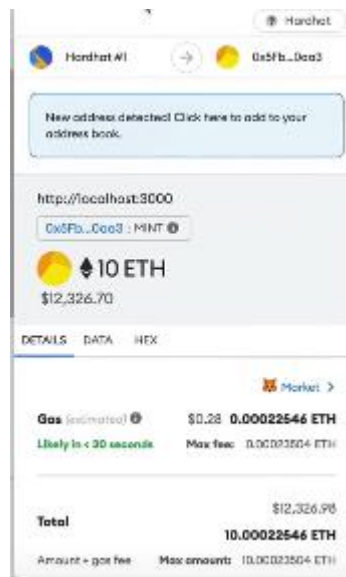
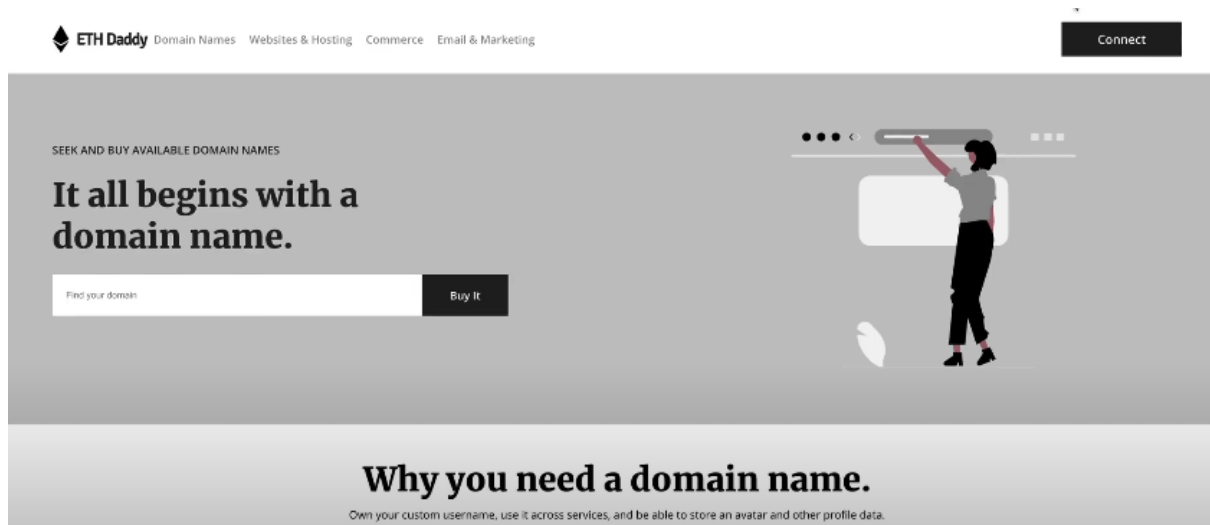
Pending

- Implement UI for domain buying, selling, and bidding.
- Optimize gas fees for transactions.
- Fix potential security vulnerabilities in smart contracts.
- Deploy the final version on the Ethereum mainnet.

GitHub

<https://github.com/ajayanilsree/DDNS.git>

Screenshots



domain name.

[Buy It](#)

Why you need a domain name.

Own your custom username, use it across services, and be able to store an avatar and other profile data.

jack.eth	10.0 ETH	Buy it
john.eth	25.0 ETH	Buy it
henry.eth	15.0 ETH	Buy it
cobalt.eth	2.5 ETH	Buy it

Hardhat.W1

→

Gx5Fb...Doo2

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

http://localhost:3000

Gx5Fb...Doo3 : MHT

10 ETH

\$12,326.70

DETAILS DATA HFX

Gas (estimated)

\$0.28

0.00022546 ETH

Likely to < 30 seconds

Max fee: 0.00022546 ETH

Total

\$12,326.98

10.00022546 ETH

Amount + gas fee

Max amount: 10.00022546 ETH