## Algorand Greenhouse Hack 3

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Bring Your Own Project

### Introduction

- Unnamed is targeted at users who want:
  - Privacy
  - Security
- Unnamed uses UTXO
  - Like Bitcoin
  - New address every transaction
  - Unlike HD Wallets
  - Generates non-related keypairs
- Unnamed does not modify how Algorand works

- Carousell
  - Rise of phishing attacks
    - Unsuspecting users entering payment card details
  - Targets
    - Merchants
    - Buyers
  - Thought: If cryptos are used, only addresses are shared, making successful phishing attemps slightly harder

- Privacy
  - Merchants and customers may not want transactions to be seen by everyone
  - However if there are any disputes, transactions must still be seen by authority figures when needed
  - In fact, every Algorand user deserves privacy

#### UTXO

- Quote from Bitcoin's whitepaper:
  - "... but privacy can still be maintained by breaking the flow of information in another place: by keeping public keys anonymous."
  - "As an additional firewall, a new key pair should be used for each transaction to keep them from being linked to a common owner."
  - "Some linking is still unavoidable with multi-input transactions, which necessarily reveal that their inputs were owned by the same owner"

UTXO = Privately public

- Why Algorand?
  - Low transaction fees (0.001 Algos)
  - Fast transaction finality (confirmation <5 sec)</li>
  - Entice more e-commerce platforms and normal users to use Algorand by building wallets that grants privacy when transacting

- What about security?
  - Case study 1: HD Wallets
    - All keypairs are generated from one master key
    - Easy backup
    - One (master) key compromised = all balances in every address spendable
  - Case study 2: Legacy (Non-Deterministic) Wallets
    - Every keypair is not generated from a master key
    - Harder to backup
    - One key compromised = one address spendable

### Solution: Unnamed

- Unnamed will:
  - Generate a new wallet for you for every new transaction (Done - Before Hackathon)
  - Allow you to send all of the balance from every wallet easily (WIP)
  - Allow you to check all of the balance from every address as a whole (WIP)
  - Allow consolidation of all balances in the wallet either by choice or when sending (WIP)
  - Not use rekeying (Remember privacy with UTXO?)



- Unnamed currently does not have Dapps in its timeline due to lack of expertise and time constraints
- Unnamed focuses on simple transactions for now

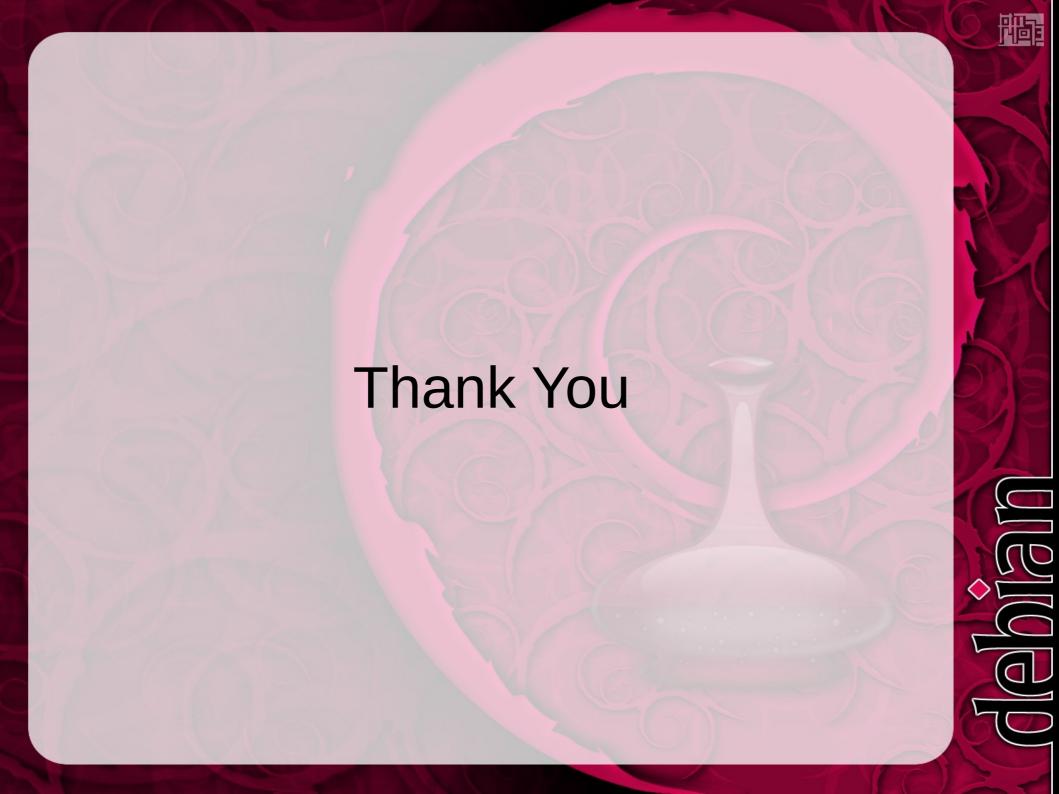
# Want To Help?

Unnamed welcomes devs who are willing to make Unnamed not only handle simple transactions but also the ability to use Dapps in a way that is privately secure

# Want To Help?

- Contact Liquid Glass
  - Gmail (Most Preferred)
    - liquid.glass.drops@gmail.com
  - Reddit
    - u/0xLiquid\_Glass
  - Gitcoin
    - 0xLiquidGlass
  - Twitter
    - 0xLiquidGlass





#### Credits & License

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