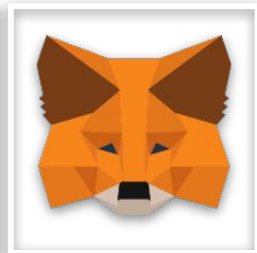


MAKING VALUABLE ASSETS ACCESSIBLE

May, 2021



CROWDFUNDING REIMAGINED

No access to fiat crowdfunding websites?
No access to venture capital funds?

Imagine a truly accessible crowdfunding platform for innovative projects big and small, open to all creative individuals regardless of geographic location. Open to all backers regardless of wealth or social status.

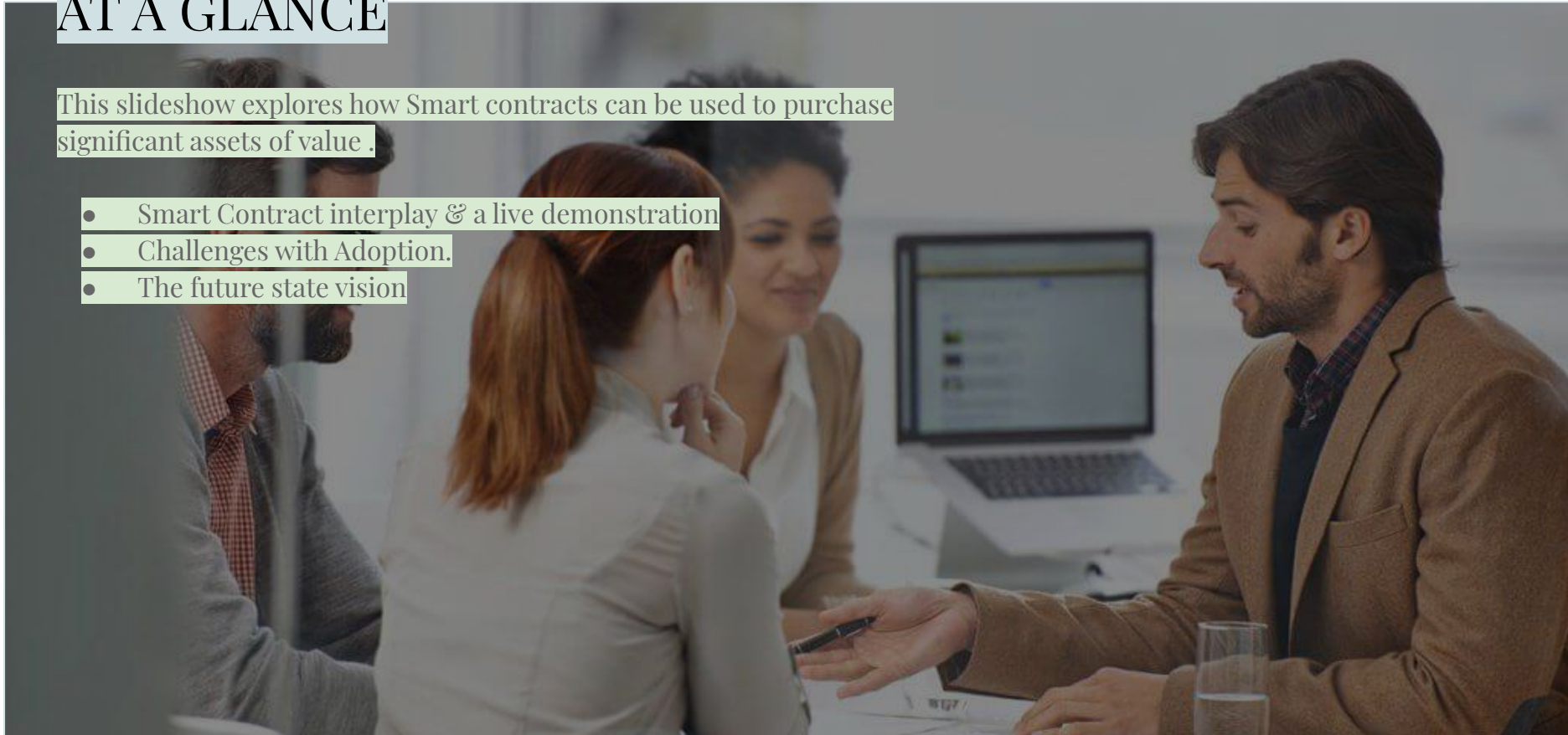
Without these limitations, what can we create?



AT A GLANCE

This slideshow explores how Smart contracts can be used to purchase significant assets of value .

- Smart Contract interplay & a live demonstration
- Challenges with Adoption.
- The future state vision



TECHNOLOGY STACK

Our DApp uses various solutions which help the ecosystems communicate and securely transact.

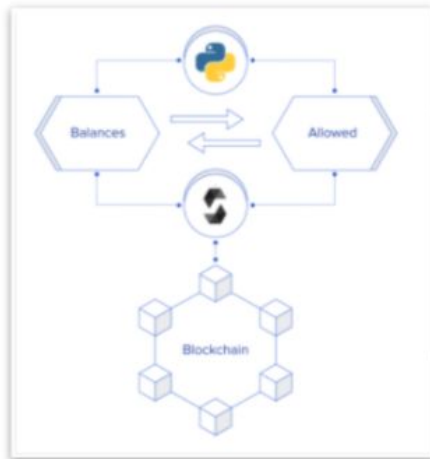
- Runs on a distributed computing system
- Share purchasing done via Alpaca API
- Front end user GUI in Javascript & HTML



MVP SHOWCASE

Our DApp integrates solutions such as:

- Simple buy instruction used to set a limit price in Alpaca to ensure we're not 'overpaying' for shares
- Python function checks status of contract every hour to ascertain if a share purchase is ready to be made
- Security checks so Fil can't take your crypto



BH Token Interface

1. User enters:
• ETH Address
• Amount to buy in multiples of X

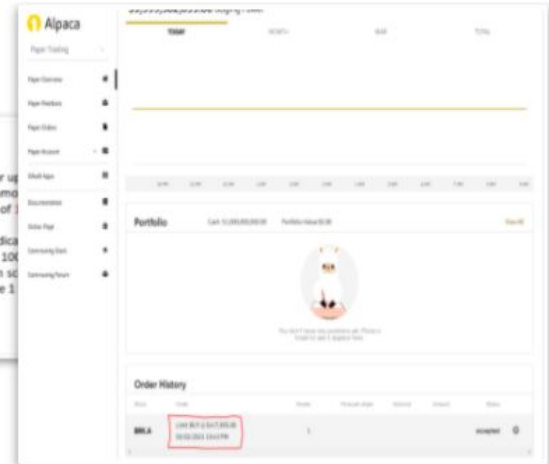
2. User sends ETH to the contract

3. Contract accumulates funds until fulfilled

TOKEN PURCHASED

Indicator up reflect amount fulfilled of 1

Once indicator reaches 100, a Python script purchase 1 share



THE CHALLENGES

Blockchain has inherent issues when you want to be fluid

- Stock market prices & currency conversions
- Minimising Gas costs regards to deployment
- Environment isolation; solidity inherently does not talk to the outside world i.e. python. It feels like a one way chat.

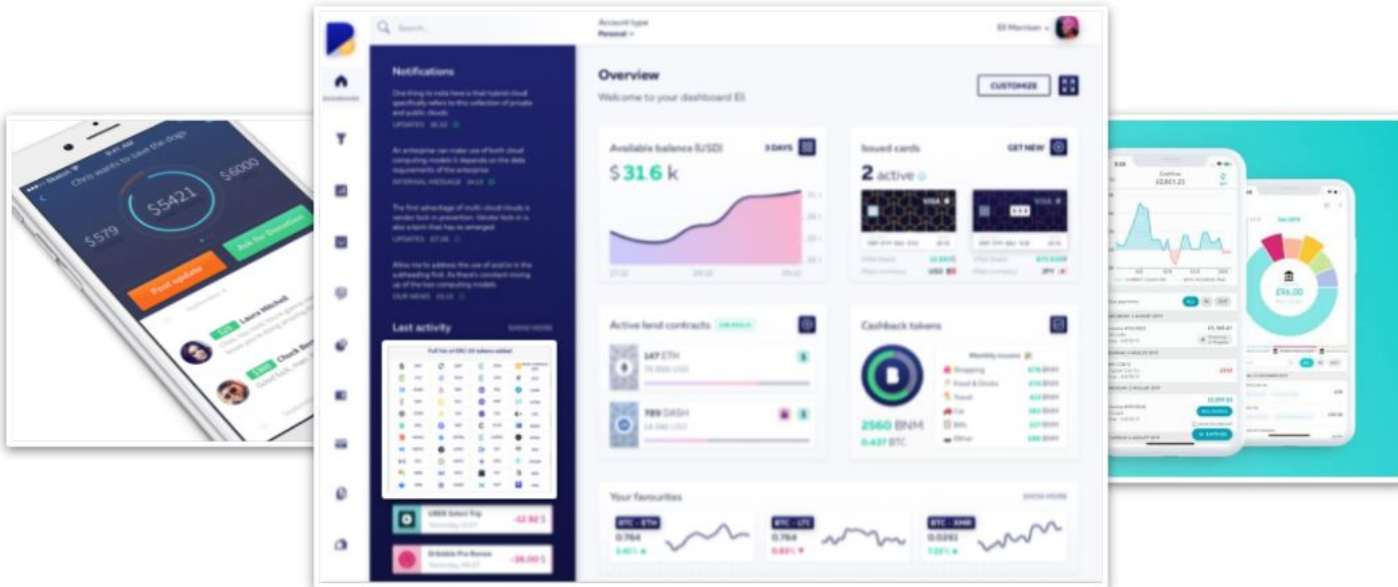


immutable
blockchain

we'll
use python

NORTHSTAR

- Complete the integration between backend and front end.
- Make it so so pretty and easy to use
- Utilise algo trading to create an income stream



QUESTIONS?

