


Blockternship - Smart Bank Accounts


Monday, 13 August, 2018 1:23 PM

Main page

Logo **SmartBank** 

My accounts:

	Value:
Expenses	3,000 \$
LAMBO - Savings	15,000 \$
Retirement Fund	25,000 \$
Total	43,000 \$

Add account 

Unallocated Assets: Amount: 200.0

Shit tokens

Secure transactions (multisig)

List of all transactions

General settings

These are sub accounts within the same bank account smart contract - users should be able to create internal accounts with different rules

Quick Actions (within limits) / X

Deposit transfer withdraw

Asset ETH ✓

Amount USD ETH

Deposit

transfer

Asset

Amount

to account Lambo ✓

transfer

withdraw

Limit left: 200 \$

Asset

Amount

to me ✓

withdraw

The quick actions could be a simple pop-up within the same window. It should include:

- Deposit: set up a deposit transaction for a given asset and when you press deposit it should request a TX from your web3 browser
- Transfer: move assets between internal accounts
- Withdraw: send assets within an account's daily limit

Pressing on a quick action button can be done within the context of an account (from the main page) or from the context of an asset within an account (from the detailed account page)

The unallocated assets are tokens and ETH which were deposited without invoking a proper deposit function. This is not important for now, but users should be able to transfer those to an internal account

The "add account" UI can be just a popup with a field for the new account name and a daily limit in USD

(Sub) account specific page - just a list of assets for now + the daily limit

Expenses Account

daily limit: 300 \$

Assets Value

ETH	3.12	1500 \$
Dai	2.00	200 \$
:	:	:
:	:	:
:	:	:

Advanced/secure transaction (multisig) from this account - send assets outside the daily limits. The interface can look like the "quick actions" UI but with some visual cues to suggest it's an advanced transaction

total

3,000\$

Advanced/secure transaction (multisig) from this account - send assets outside the daily limits. The interface can look like the "quick actions" UI, but with some visual cues to suggest it's an advanced transaction. Also every advanced TX will be visible in the list of "Secure transactions" for additional confirmations

Settings - general

owner addresses:

OK

OK

OK

add

Recovery addresses

OK

OK

critical tx
conf. limit

2

1

EXPIRE in

2 years

cancel

Save

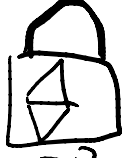
Account settings

daily limit

300\$

Account specific settings - for now just add the daily limit.

General settings - should be able to manage owners and recovery addresses. Actually, after any change, users should be prompted to submit a "secure" transaction (to be confirmed by other accounts) Additionally, you should be able to set how many minimal confirmations are needed for a secure transaction, and after how much time of inactivity should the recovery addresses be able to inherit your whole bank account



Secure transactions

Pending confirmation:

increase limit

0\$

✓

x

transfer

1000\$

✓

x

Confirmed:

add owner

add recovery addr...

The list of secure (multisig) transactions
There should be pending ones with buttons for approval or rejection, And a list of past transactions. A secure transaction can be a withdrawal, transfer or a settings change (maybe a delegatecall in the future, for advanced users)