

Dapp (Tapp) to delegate GRAMS to a Validator

Non-custodial, Customizable, Adjustable

Problem

1. Want to earn % from Staking with small amount of funds
2. We cannot collect all the funds in non-custodial way (we do not want to pay millions for licenses)
3. We want to have a strict rewards redistribution logic between nominators

Solution

Delegation smart contract, that will allow to:

1. Raise funds for specific elections
2. Be sure that Validator can only stake GRAMs to elector smart contract
3. Withdraw funds back if raising or elections will be failed
4. Withdraw rewards according to transparent rewards redistribution scheme
5. Punish Validator using Validator's safe deposit for bad behavior (optional)

Reasons why it is valuable

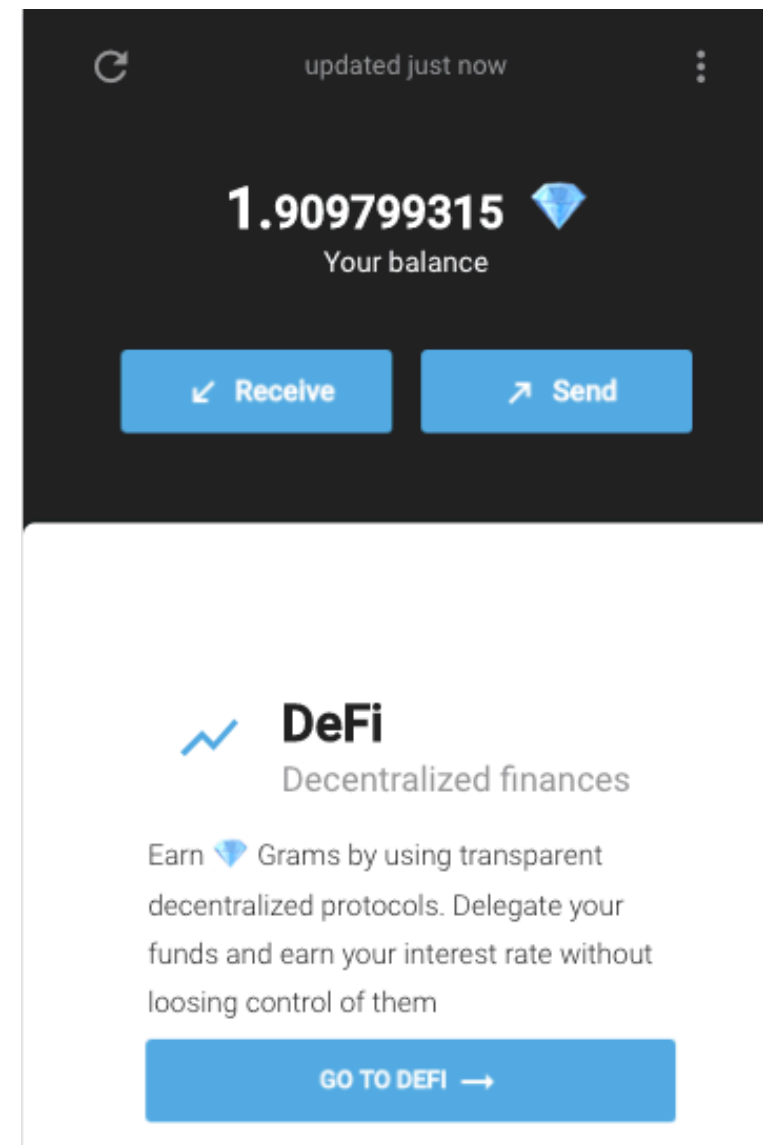
Investment pools and delegation is:

1. One of the main ways how to earn interest from your funds on the launching of TON
2. Good UI / UX and low entry barrier
3. Important feature that allow to become a validator to anyone

What we did on contest



Delegation Pool smart contract

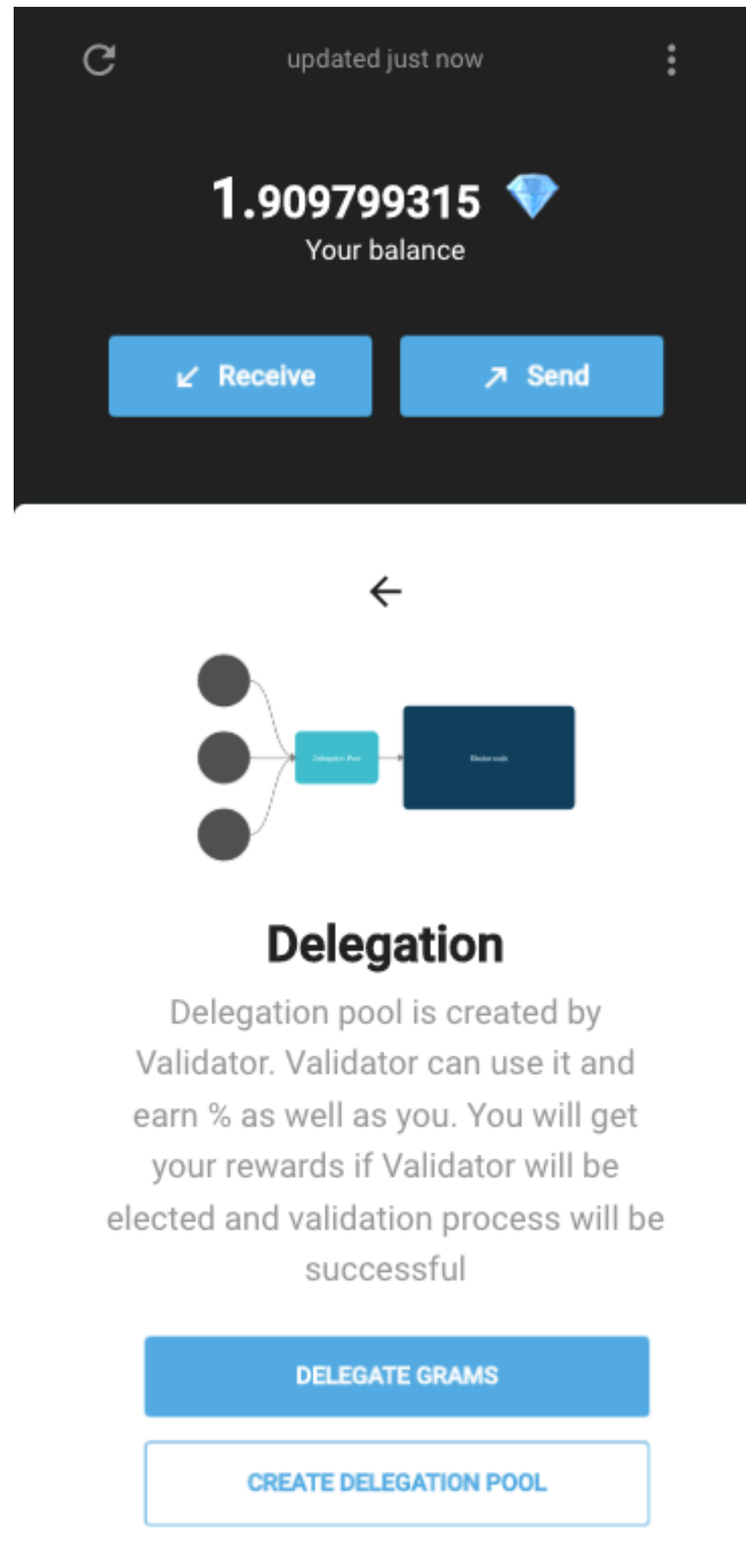


WEB based platform with JS wallet and UI for Delegation

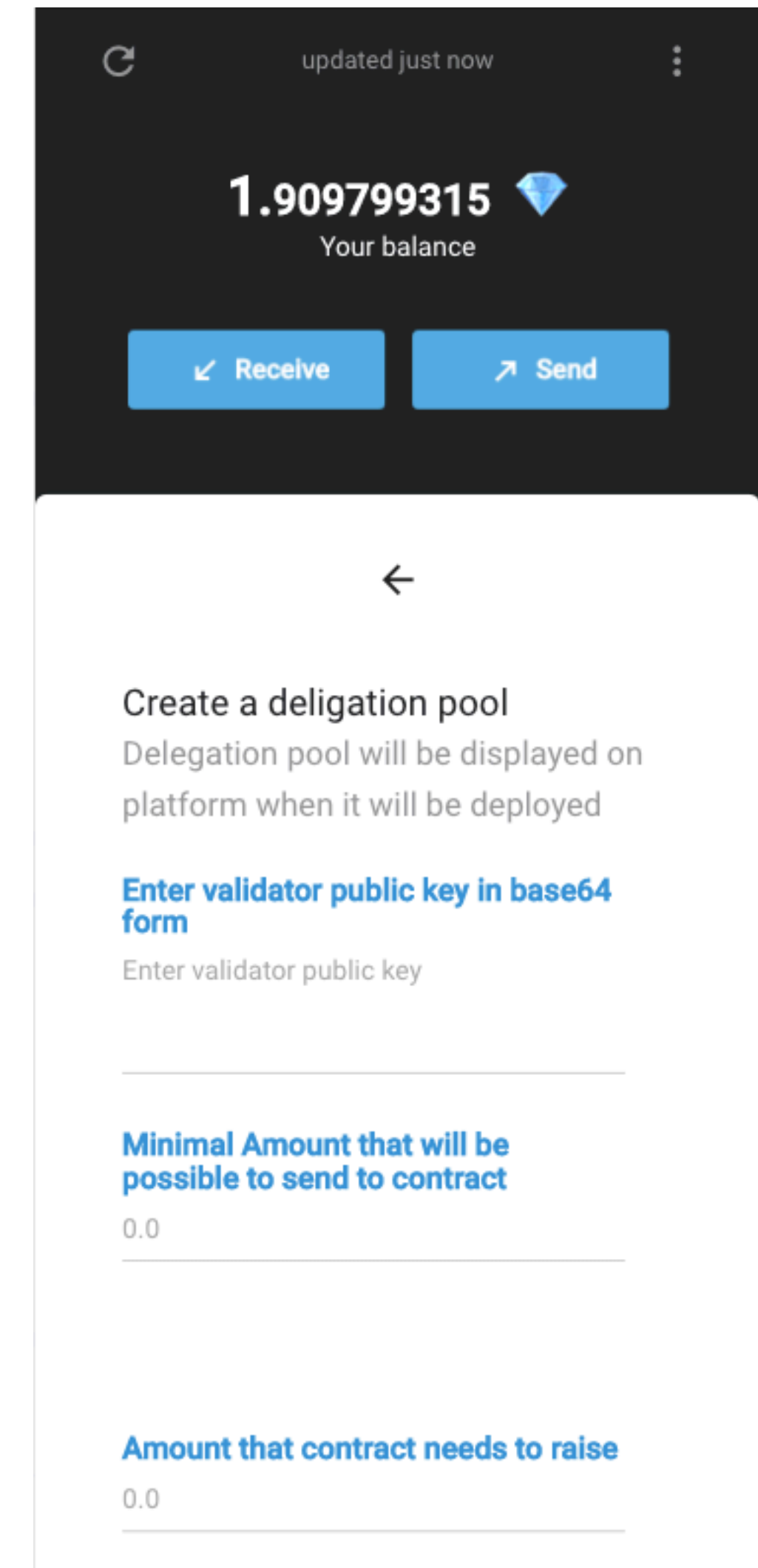


Some small non critical backend wrappers for platform

What we did on contest

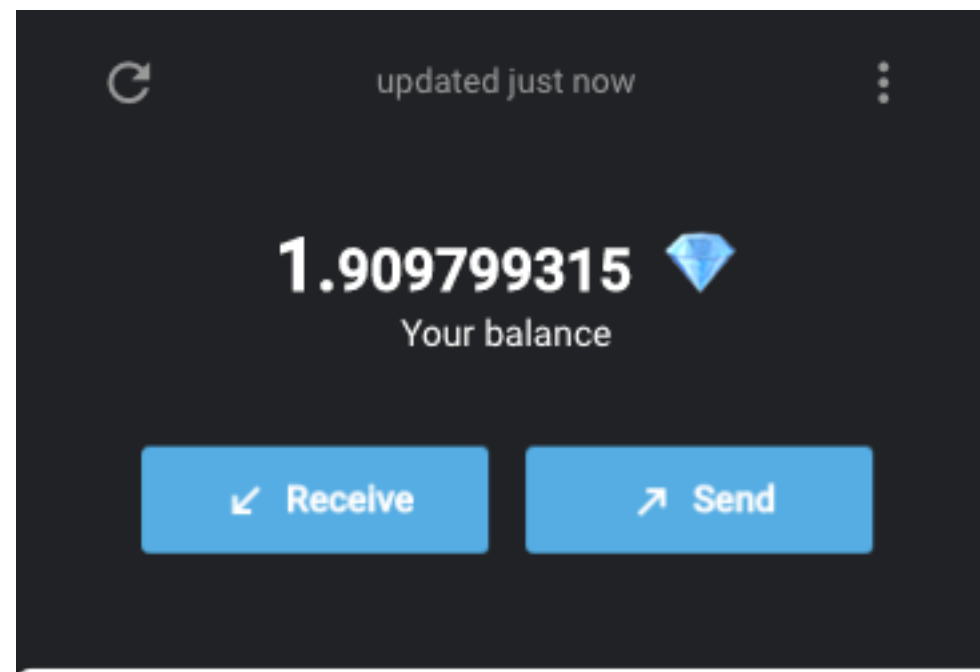


Delegate Grams as Delegator



Create delegation pools as potential Validator

What we did on contest

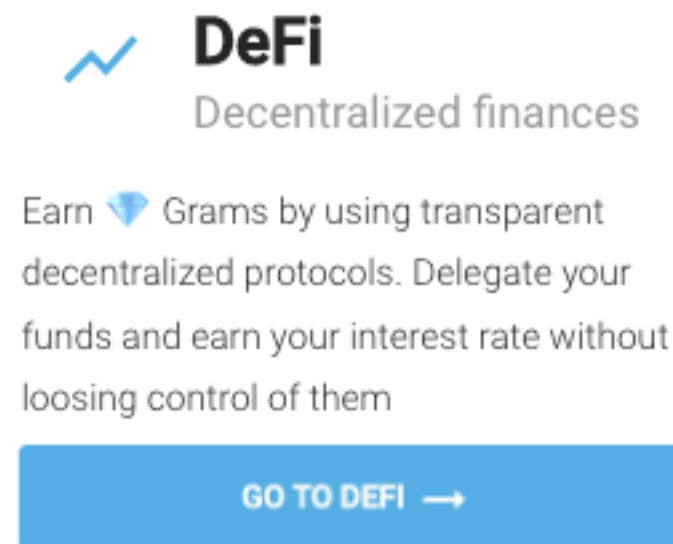


Our platform was developed from scratch specially for contest

It is cross-platform and will be available as website version and browser extension as well

It will be published under MIT license

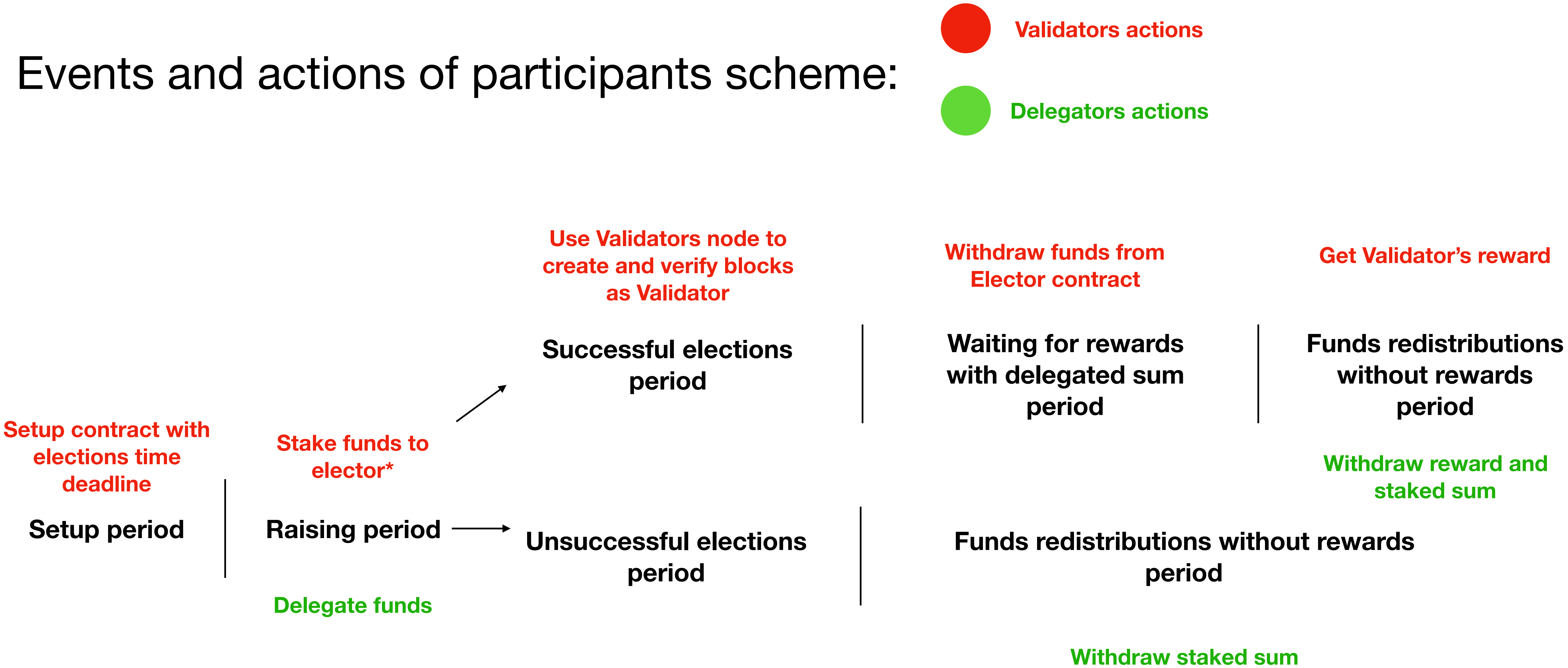
We will bring 150 000 our BUTTON Wallet users on it soon



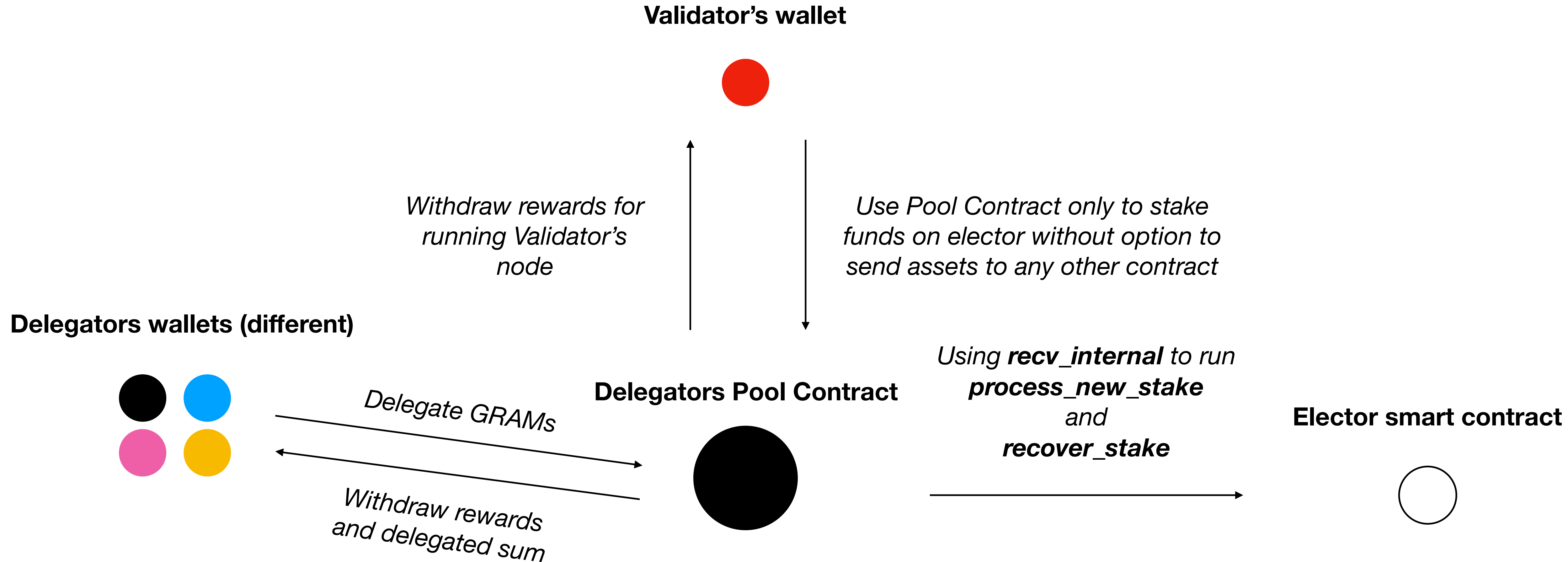
WEB link

How it works

Events and actions of participants scheme:



How it works



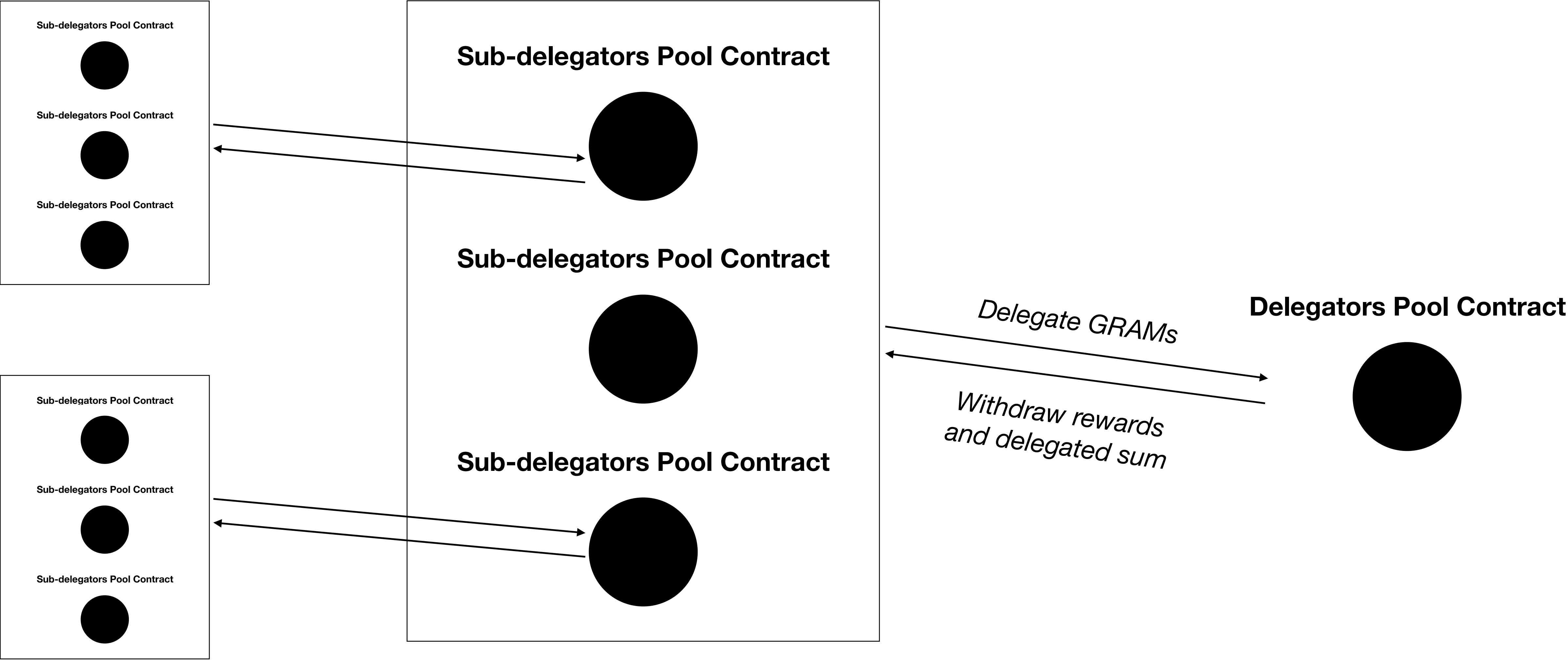
Advanced*

We can have sub-pools that will be collected by Operator, who will invest them to delegator pool

It works only if (Sub-pool APR% \geq Non TON's DeFi APR%)

Small example on the next slide

Advanced*



ToDo:

1. Add sub delegation pools
2. Add Validators fee and security deposit options
3. ICO pool and Charity pools demo
4. Add ratings system on platform