README

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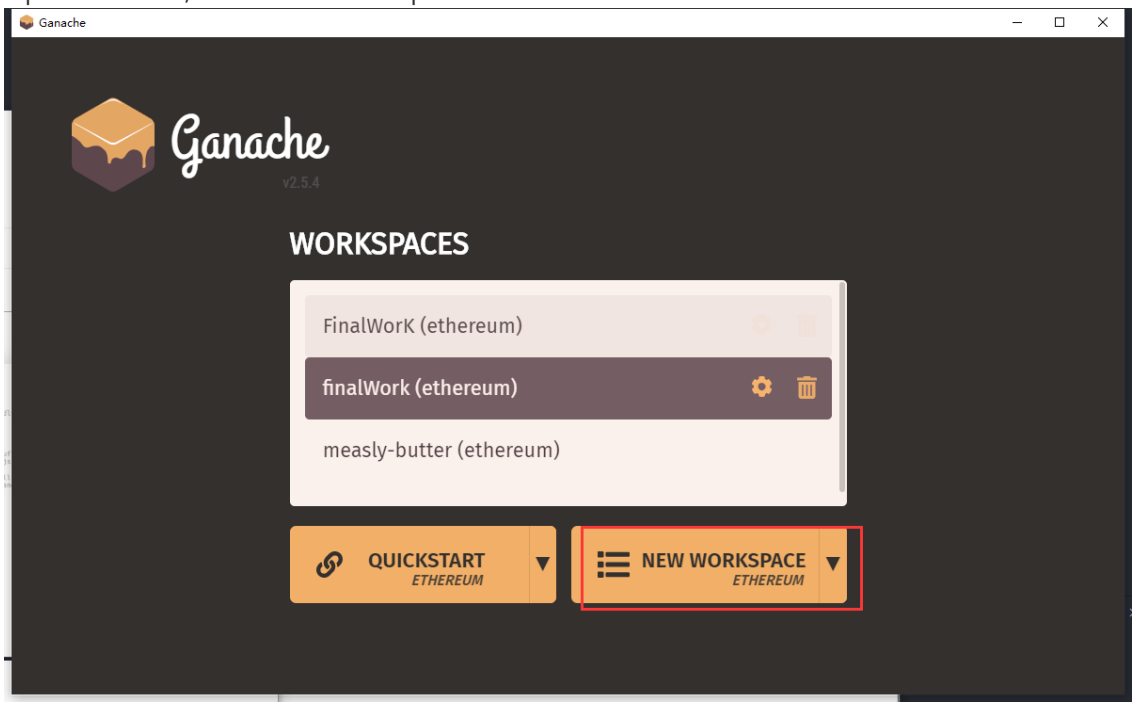
运行步骤：

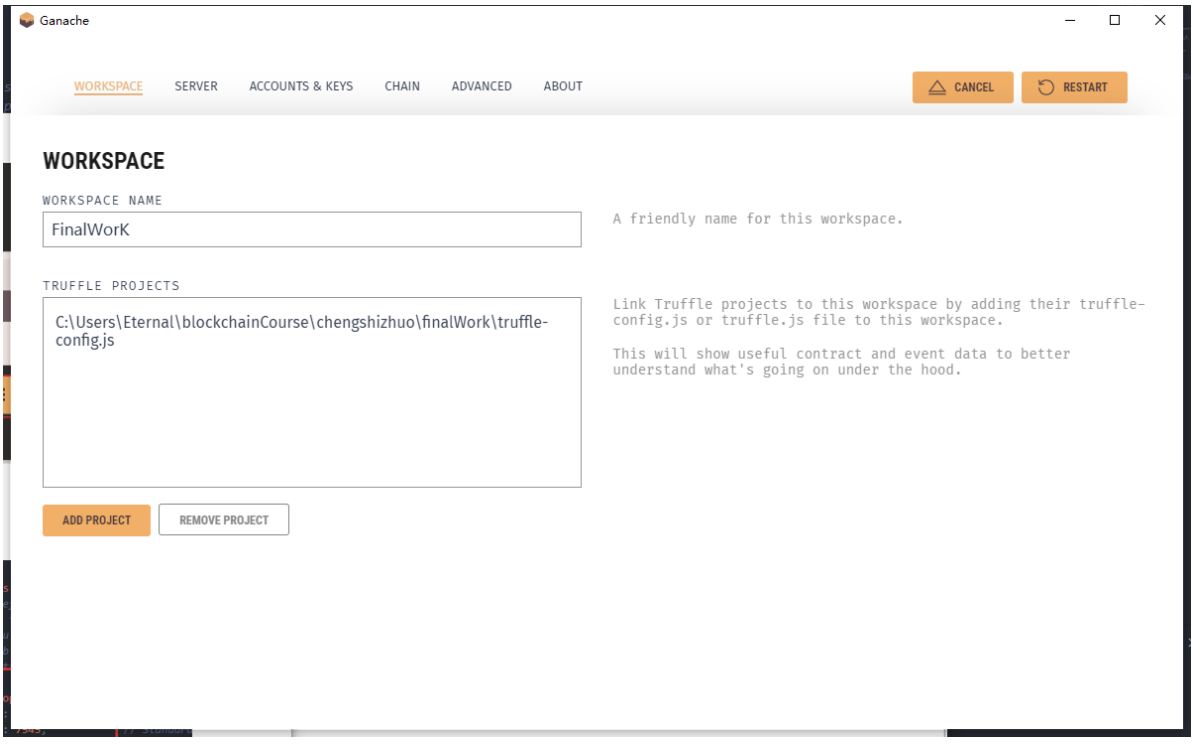
1. 部署链
2. 修改众筹管理器地址
3. 在crowdfund 目录下 yarn start运行

1 Chain Deploy

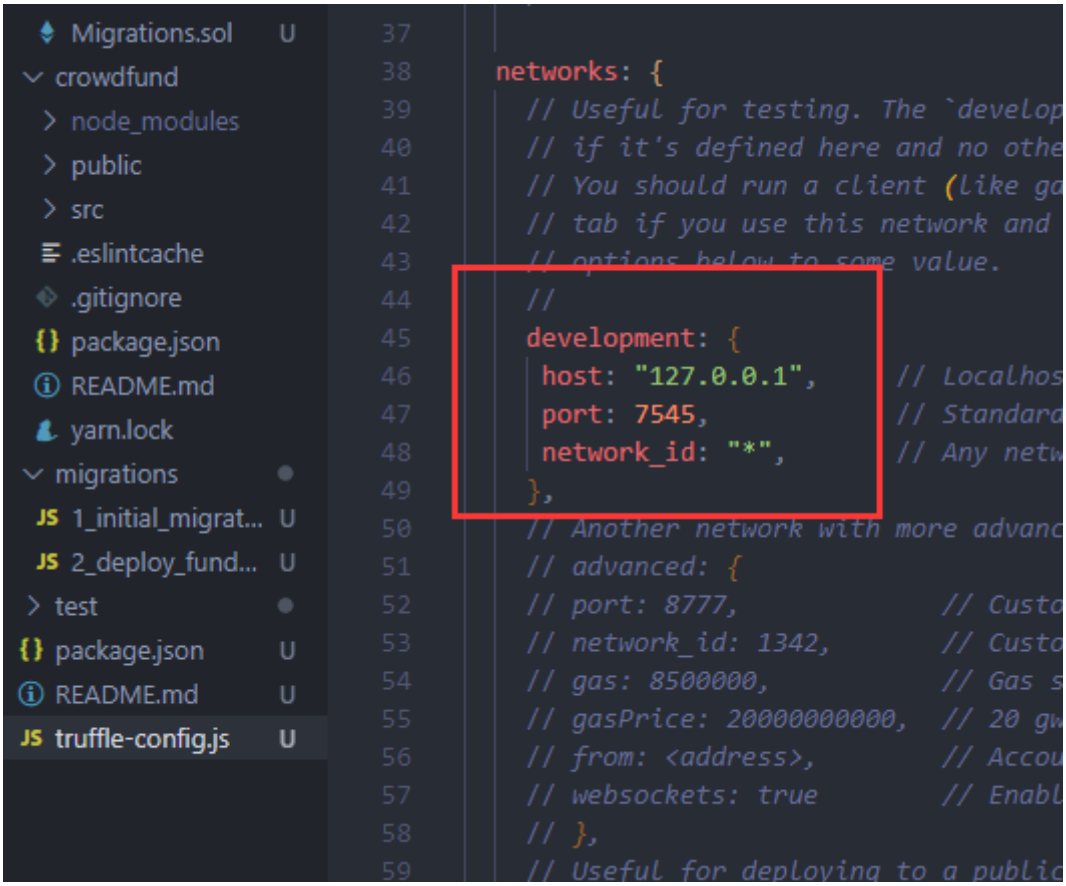
- Open Ganache, create new workspace



- Add project by truffle_config.js, rest as default

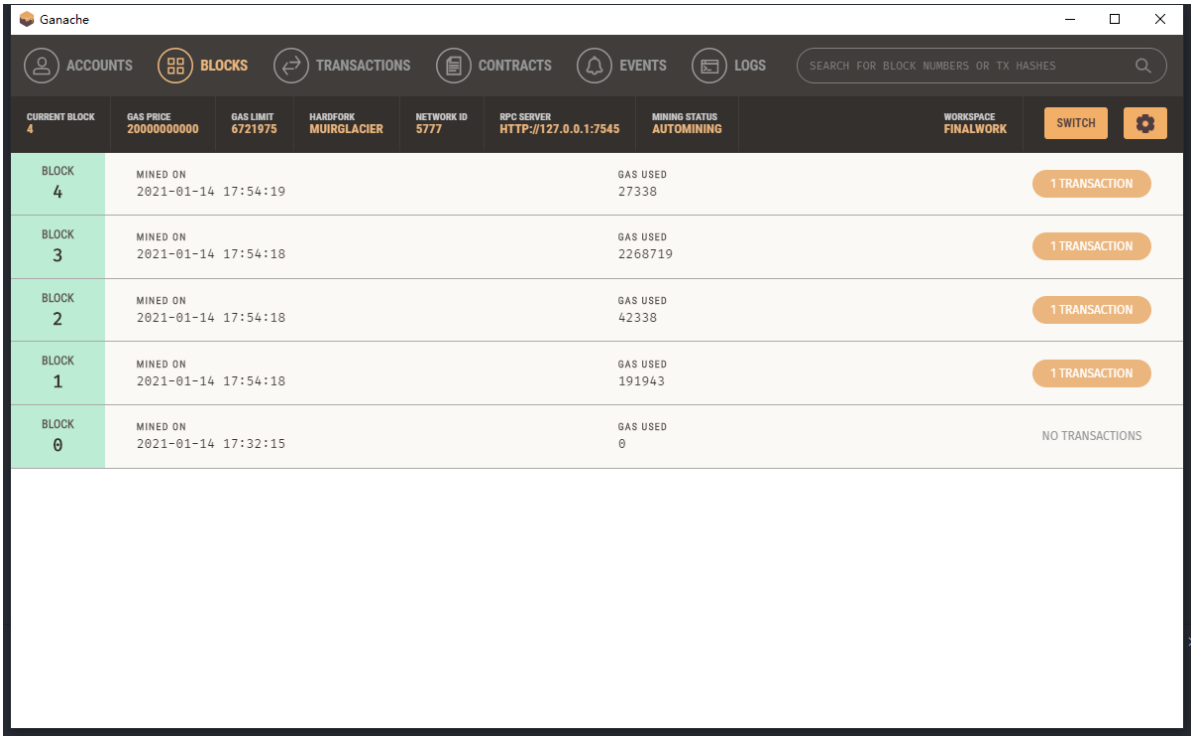


- modify the truffle-config.js



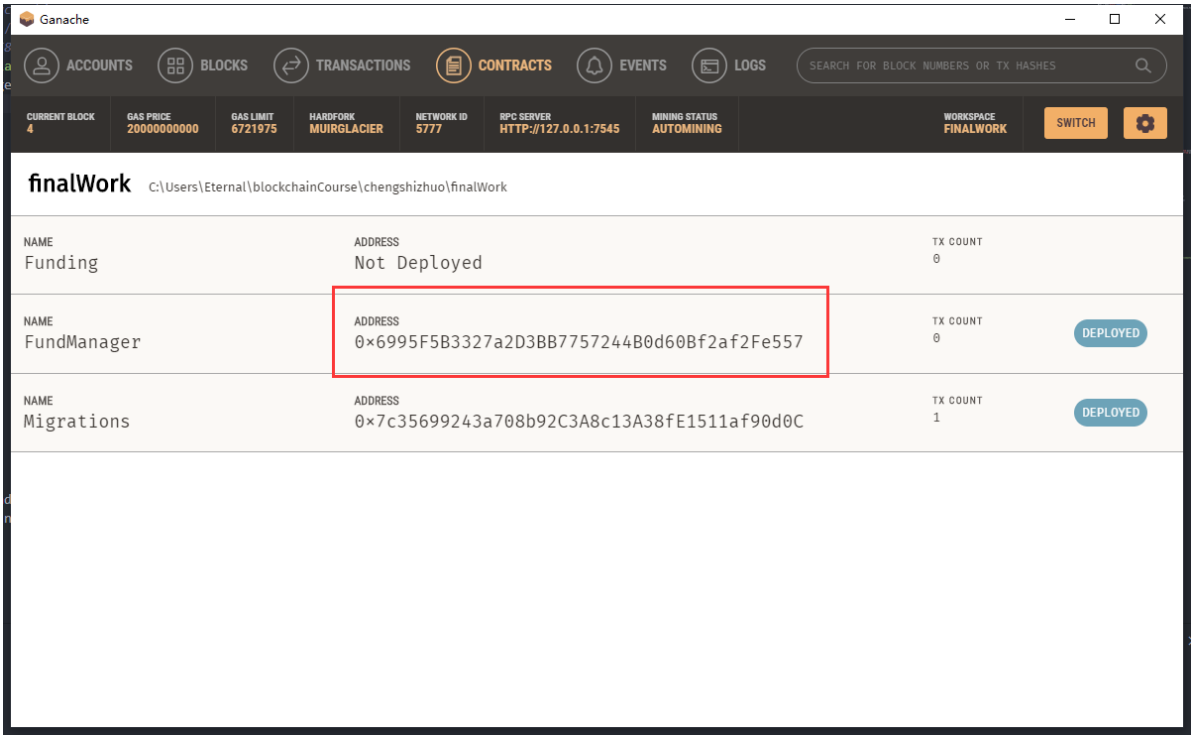
- compile and migrate

```
truffle compile
truffle migrate
```



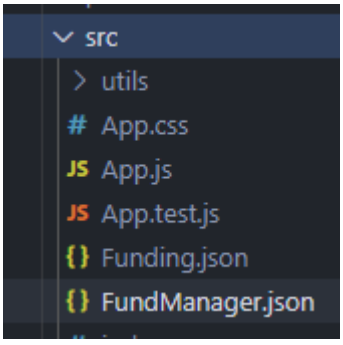
2 Configure

- Open Ganache and find the contract deployed. Copy the address



- Open `crowdfund\src\App.js` and modify managerAddr to the address

- copy the `Funding.json` and `FundManager.json` to `./crowdfund/src`

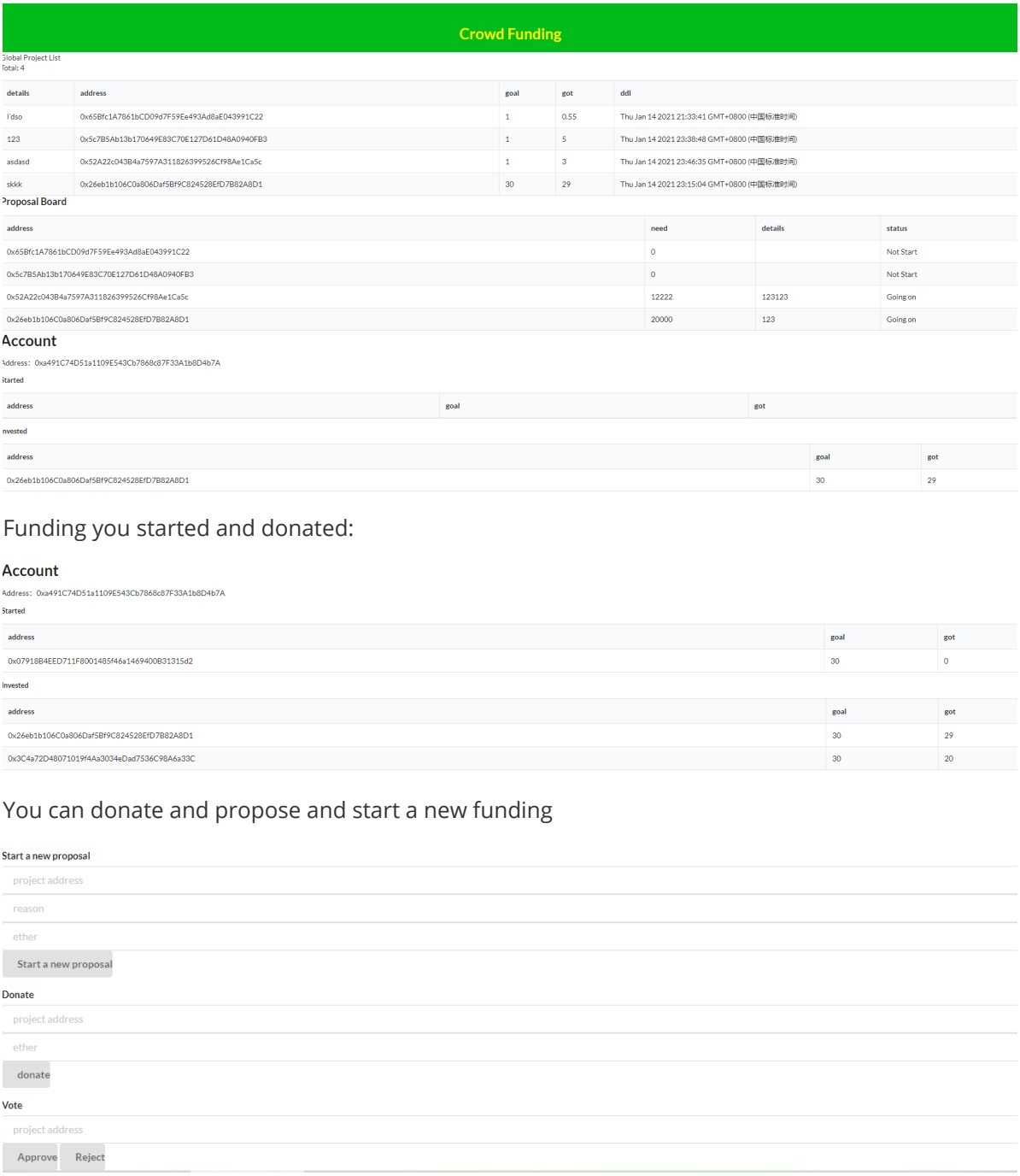


3 Open The DApp

at ./crowdfund

```
yarn install
yarn start
```

All the funding and proposal result

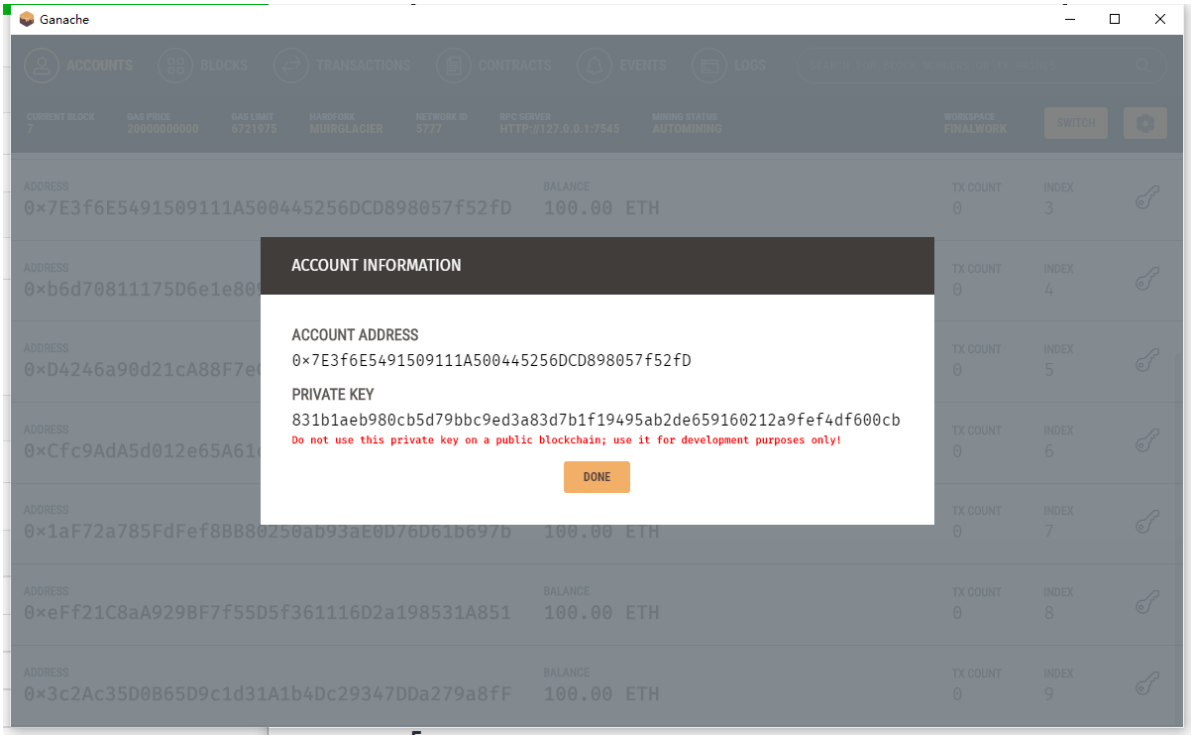


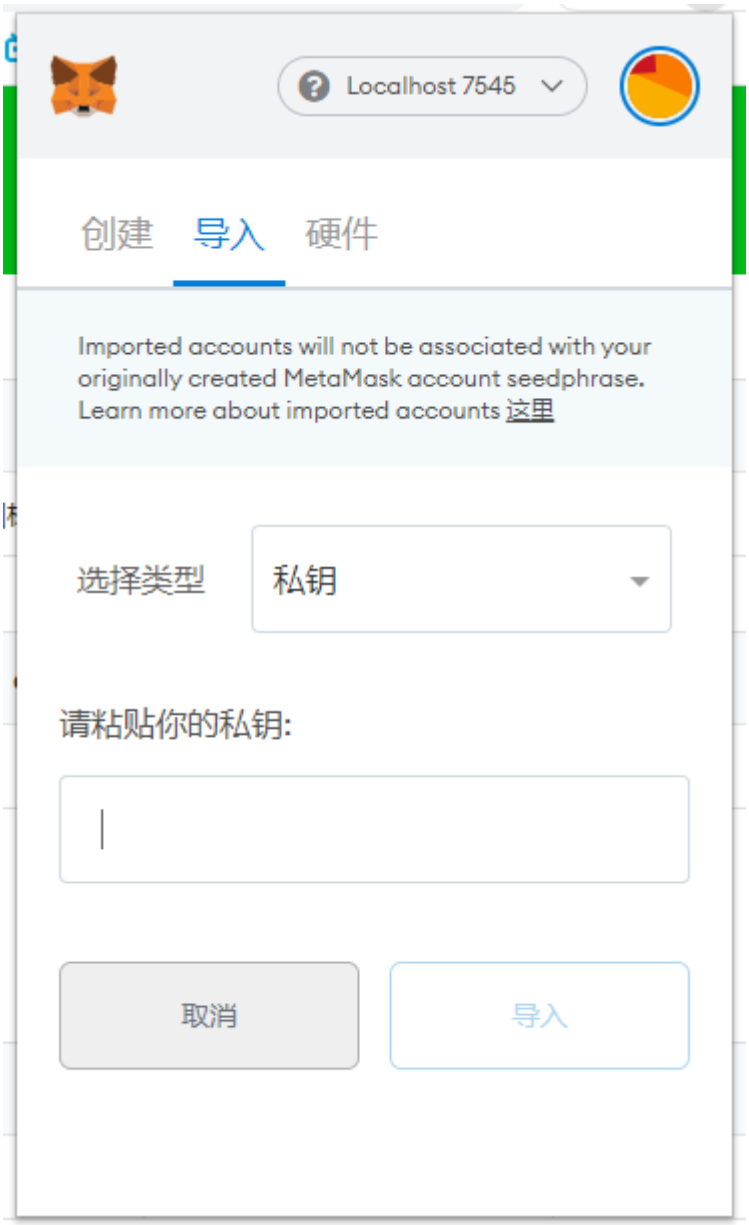
Funding you started and donated:

You can donate and propose and start a new funding

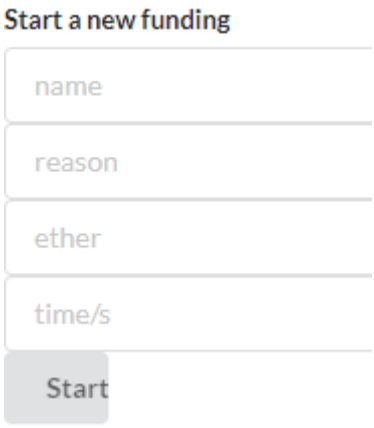
4 Connect to the Local Network

import the accounts by private key


Ganache
ACCOUNTS
BLOCKS
TRANSACTIONS
CONTRACTS
EVENTS
LOGS
ACCOUNT INFORMATION
ACCOUNT ADDRESS
0x7E3f6E5491509111A500445256DCD898057f52fD
PRIVATE KEY
831b1aeb980cb5d79bbc9ed3a83d7b1f19495ab2de659160212a9fef4df600cb
Do not use this private key on a public blockchain; use it for development purposes only!
DONE
0x7E3f6E5491509111A500445256DCD898057f52fD 100.00 ETH
0xeFf21C8aA929BF7f55D5f361116D2a198531A851 100.00 ETH
0x3c2Ac35D0B65D9c1d31A1b4Dc29347DDa279a8fF 100.00 ETH


Localhost 7545
创建
导入
硬件
Imported accounts will not be associated with your originally created MetaMask account seedphrase.
Learn more about imported accounts 这里
选择类型
私钥
请粘贴你的私钥:
取消
导入

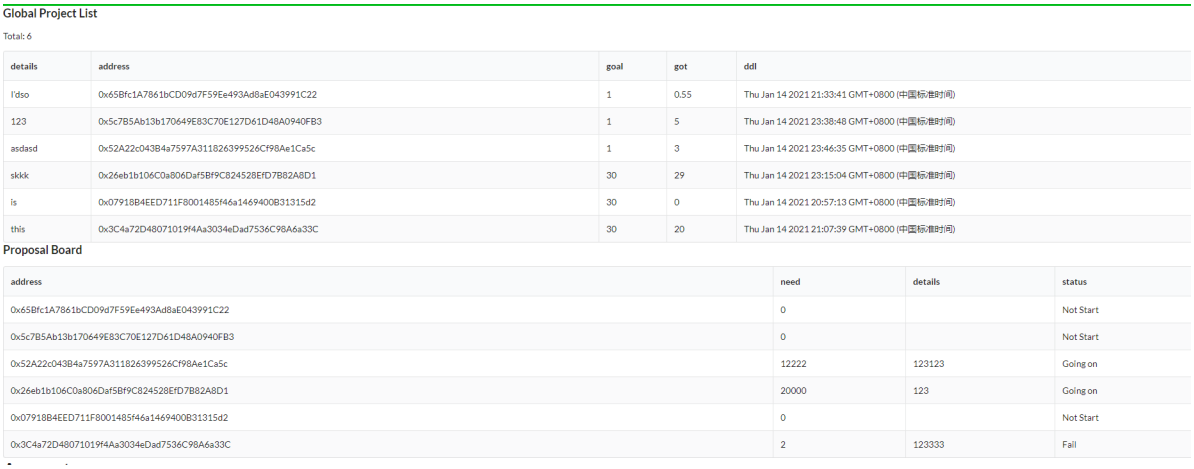
5 Create a Funding



input the information

click start

and your funding will be on the board



Global Project List

Total: 6

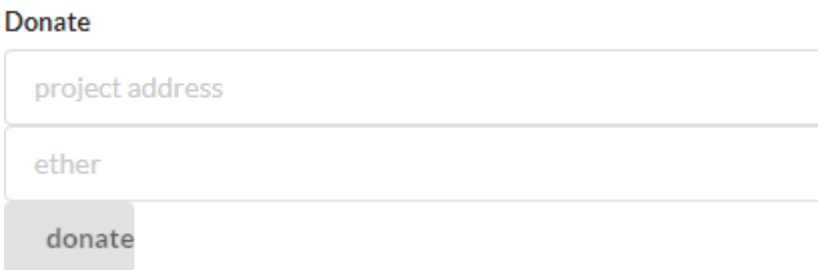
details	address	goal	got	ddl
l'dso	0x65Bfc1A7861bCD09d7F59Ee493Ad8aE043991C22	1	0.55	Thu Jan 14 2021 21:33:41 GMT+0800 (中国标准时间)
123	0x5c7B5Ab13b170649E83C70E127D61D48A0940FB3	1	5	Thu Jan 14 2021 23:38:48 GMT+0800 (中国标准时间)
asdasd	0x52A22c043B4a7597A311826399526Cf98Ae1Ca5c	1	3	Thu Jan 14 2021 23:46:35 GMT+0800 (中国标准时间)
skkk	0x26eb1b106C0a806Daf5Bf9C824528EfD7B82A8D1	30	29	Thu Jan 14 2021 23:15:04 GMT+0800 (中国标准时间)
is	0x07918B4EED711F8001485f46a1469400B31315d2	30	0	Thu Jan 14 2021 20:57:13 GMT+0800 (中国标准时间)
this	0x3C4a72D48071019f4Aa3034eDad7536C98A6a33C	30	20	Thu Jan 14 2021 21:07:39 GMT+0800 (中国标准时间)

Proposal Board

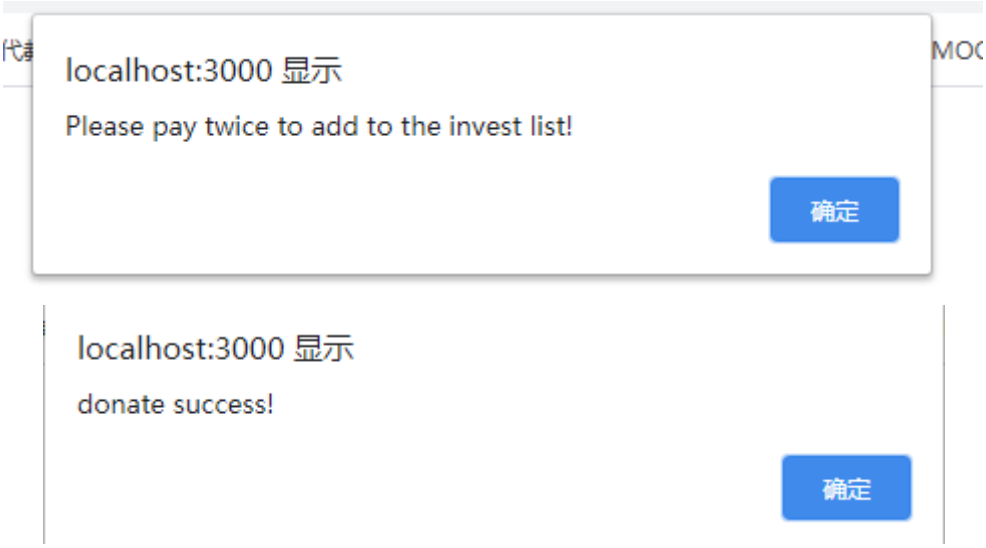
address	need	details	status
0x65Bfc1A7861bCD09d7F59Ee493Ad8aE043991C22	0		Not Start
0x5c7B5Ab13b170649E83C70E127D61D48A0940FB3	0		Not Start
0x52A22c043B4a7597A311826399526Cf98Ae1Ca5c	12222	123123	Going on
0x26eb1b106C0a806Daf5Bf9C824528EfD7B82A8D1	20000	123	Going on
0x07918B4EED711F8001485f46a1469400B31315d2	0		Not Start
0x3C4a72D48071019f4Aa3034eDad7536C98A6a33C	2	123333	Fail

6 Donate

input the funding address and amount (ether)



you need to confirm twice to add the invest to the invest list. (only the first time will send value)



Note: the donate amount may exceed the amount but the vote weight total amount is the goal amount.

goal	got
30	31
30	20
30	31

e.g.

Goal: 20 ether

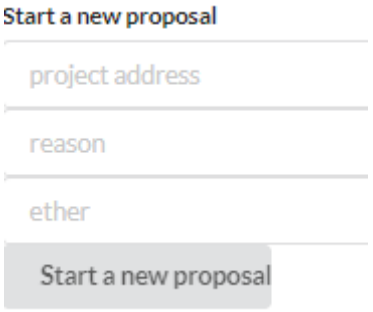
A donates 11 ether

B donates 11 ether

then no matter A and B votes, the proposal will immediately be over. (exceed 50%)

So which side will win is about what time you vote.

7 Raise a proposal

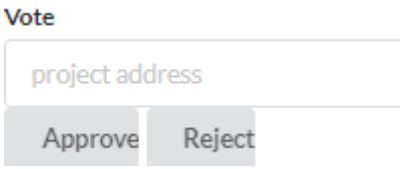


Similar to donate. Proposal will change the vote status:

Proposal Board

address	need	details	status
0x65Bfc1A7861bCD09d7F59Ee493Ad8aE043991C22	0		Not Start
0x5c7B5Ab13b170649E83C70E127D61D48A0940FB3	0		Not Start
0x52A22c043B4a7597A311826399526Cf98Ae1Ca5c	12222	123123	Going on
0x26eb1b106C0a806Daf5Bf9C824528EfD7B82A8D1	20000	123	Going on
0x07918B4EED711F8001485f46a1469400B31315d2	0		Not Start
0x3C4a72D48071019f4Aa3034eDad7536C98A6a33C	2	123333	Fail

8 Vote for proposal



input the address.

When you are not a donator, error will occur.

The vote result will take effect when the weight of either side(Y/N) is passed 50% of goal Amount.

For one funding only one proposal will be going on at a time.