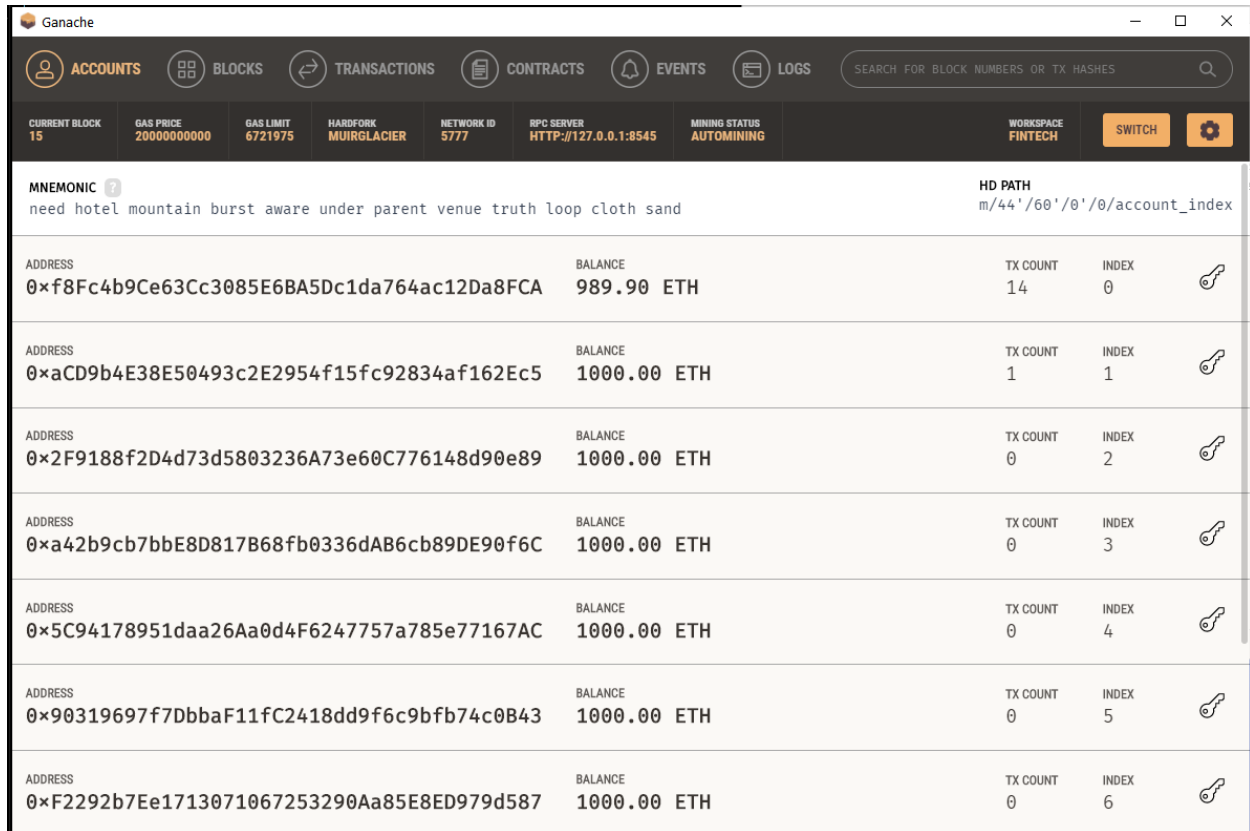


Assignment 20: Smart Contracts

Make sure, there are 4 accounts – 1 for HR and 3 for employees to transfer the funds. The 4 accounts can be used from Ganache.



ADDRESS	BALANCE	TX COUNT	INDEX
0xf8Fc4b9Ce63Cc3085E6BA5Dc1da764ac12Da8FCA	989.90 ETH	14	0
0xaCD9b4E38E50493c2E2954f15fc92834af162Ec5	1000.00 ETH	1	1
0x2F9188f2D4d73d5803236A73e60C776148d90e89	1000.00 ETH	0	2
0xa42b9cb7bbE8D817B68fb0336dAB6cb89DE90f6C	1000.00 ETH	0	3
0x5C94178951daa26Aa0d4F6247757a785e77167AC	1000.00 ETH	0	4
0x90319697f7DbbaF11fC2418dd9f6c9bfb74c0B43	1000.00 ETH	0	5
0xF2292b7Ee1713071067253290Aa85E8ED979d587	1000.00 ETH	0	6

Assume the first account for HR.

HR Account:

0xf8Fc4b9Ce63Cc3085E6BA5Dc1da764ac12Da8FCA

The next 3 are for employees

Employee 1 account:

0xaCD9b4E38E50493c2E2954f15fc92834af162Ec5








Employee 2 account:

0x2F9188f2D4d73d5803236A73e60C776148d90e89

Employee 3 account:

0xa42b9cb7bbE8D817B68fb0336dAB6cb89DE90f6C

Use the below set up to deploy the contract:



DEPLOY & RUN TRANSACTIONS

ENVIRONMENT

Injected Web3

Custom (5777) network

ACCOUNT

0xf8F...a8FCA (989.890741)

GAS LIMIT

3000000

VALUE

0 Wei

CONTRACT

AssociateProfitSplitter - AssociateProf

DEPLOY

_ONE: 0xaCD9b4E38E50493c2E2954

_TWO: 0x2F9188f2D4d73d5803236A

_THREE: 0xa42b9cb7bbE8D817B68fb0:

transact

☐ Publish to IPFS

OR

At Address Load contract from Address

Transactions recorded 1

Deployed Contracts



Account 1



0x2ee...104F

New address detected! Click here to add to your address book.

<https://remix.ethereum.org>

DEPOSIT

300

DETAILS

DATA

HEX

EDIT

Estimated gas fee



0.00101622

0.001016 ETH

Site suggested

Max fee: 0.00101622 ETH

Total

300.00101622

300.00101622 ETH

Amount + gas fee

Max amount: 300.00101622 ETH

Reject

Confirm

Funds transferred confirmation

Ganache

ACCOUNTS

BLOCKS

TRANSACTIONS

CONTRACTS

EVENTS

LOGS

SEARCH FOR BLOCK NUMBERS OR TX HASHES

CURRENT BLOCK
23

GAS PRICE
20000000000

GAS LIMIT
6721975

HARDFORK
MUIRGLACIER

NETWORK ID
5777

RPC SERVER
HTTP://127.0.0.1:8545

MINING STATUS
AUTOMINING

WORKSPACE
FINTECH

SWITCH

MNEMONIC

need hotel mountain burst aware under parent venue truth loop cloth sand

HD PATH

m/44'/60'/0'/0/account_index

ADDRESS	BALANCE	TX COUNT	INDEX	
0xf8Fc4b9Ce63Cc3085E6BA5Dc1da764ac12Da8FCA	689.88 ETH	22	0	
ADDRESS	BALANCE	TX COUNT	INDEX	
0xaCD9b4E38E50493c2E2954f15fc92834af162Ec5	1100.00 ETH	1	1	
ADDRESS	BALANCE	TX COUNT	INDEX	
0x2F9188f2D4d73d5803236A73e60C776148d90e89	1100.00 ETH	0	2	
ADDRESS	BALANCE	TX COUNT	INDEX	
0xa42b9cb7bbE8D817B68fb0336dAB6cb89DE90f6C	1100.00 ETH	0	3	
ADDRESS	BALANCE	TX COUNT	INDEX	
0x5C94178951daa26Aa0d4F6247757a785e77167AC	1000.00 ETH	0	4	
ADDRESS	BALANCE	TX COUNT	INDEX	
0x90319697f7DbbaF11fC2418dd9f6c9bfb74c0B43	1000.00 ETH	0	5	
ADDRESS	BALANCE	TX COUNT	INDEX	
0xF2292b7Ee1713071067253290Aa85E8ED979d587	1000.00 ETH	0	6	