All Commands and Property-Registration Network flow:

1. Generating certificates, genesis block, channel config, anchor peer, Generating and starting docker container.

Command to run script:

- Navigate to the property-registration DIR and then cd into network:
- > ./fabricNetwork.sh up

Output:

```
content of the conten
```

```
Having all peers join the channel...

peer channel join - bregistrationchannel.block

peer channel join - bregistrationchannel.block

1.521-8.

2223-88-38 319:42:26.866 UTC [channelCod] InitCodfactory - 1NFO 801 Endorser and orderer connections initialized

2223-88-38 319:42:26.866 UTC [channelCod] executable - 1NFO 802 Successfully submitted proposal to join channel

**peer channel join -b registrationchannel.block

**peer channel join -b registrationchannel.block

**resull

**set - 1.522-8.

**peer channel join -b registrationchannel.block

**resull

**peer channel join -b re
```

2. Open another terminal and **connect to CHAINCODE container**:

Then first make sure all node dependency are in place and then start the (start-dev)script.

Command:

- docker exec -it chaincode /bin/bash
- > npm install
- > npm run start-dev

Output:

```
root@6514e399c9ed:/opt/gopath/src/chaincode npm run start-dev

repnet@e.0.1 start-dev /opt/gopath/src/chaincode
    fabric-chaincode-node start --peer.address peer0.registrar.property-registration-network.com:7053 --chaincode-id-name regnet:1.1

Configuring yargs through package_json is deprecated and will be removed in the next major release, please use the JS API instead.
Configuring yargs through package_json is deprecated and will be removed in the next major release, please use the JS API instead.
Configuring yargs through package_json is deprecated and will be removed in the next major release, please use the JS API instead.
2020-88-3019:54:10.0742 info [shincontracts-spl/bootstrap.js]
2020-88-3019:54:10.0742 info [shincontracts-spl/bootstrap.js]

Company yargs through package_json is deprecated and will be removed in the next major release, please use the JS API instead.

Registering with peer peer0.registrar.property-registration-network.com:7053 as chaincode "regnet:1.1"

Command succeeded

2020-88-3019:54:10.2192 info [shin:lib/chaincode-js]

Successfully registered with peer node. State transferred to "established"
2020-88-3019:54:10.2252 info [shin:lib/handler.js]

Successfully established communication with peer node. State transferred to "ready"
Regnet Smart Contract Instantlated
2020-88-3019:57:10.346Z info [shin:lib/handler.js]

[registrationchannel-5a3e53cc] Calling chaincode Init() succeeded. Sending COMPLETED message back to peer
```

3. Install and Instantiate Chaincode:

Command:

/fabricNetwork.sh install

Output:

```
Section of the control of the contro
```

4. Now we could connect to the CLI container and start invoking our functions: **Invoking instantiate function**

Command:

- > docker exec -it cli /bin/bash
- > peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:instantiate"]}'
- > peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:instantiate"]}'

Output:

From CLI container:

```
rootg264ffb335c99;/ppt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode (nvoke -o orderer.property-registration-network.com;7850 -C registrationchannel -n regnet -c '{"Args":["org.property-rejstration-network.com;7850 -C registration-network.com;7850 -C registration-network.
```

From Chaincode:

```
2020-08-30T19:54:10.219Z lnfo [shin:llb/handler.js]
2020-08-30T19:54:10.225Z lnfo [shin:llb/handler.js]
2020-08-30T19:54:10.225Z lnfo [shin:llb/handler.js]
Successfully registered with peer node. State transferred to "established"
Successfully established communication with peer node. State transferred to "ready"
Regnet Smart Contract Instantiated
2020-08-30T19:57:10.346Z lnfo [shin:llb/handler.js]
[registrationchannel-5a3e53cc] Calling chaincode Init() succeeded. Sending COMPLETED message back to peer
2020-08-30T20:08:59.637Z lnfo [shin:llb/handler.js]
[registrationchannel-a3ae8d4a] Calling chaincode Invoke() succeeded. Sending COMPLETED message back to peer
```

```
2020-08-30T20:08:59.637Z info [shin:lib/handler.js] [registrationchannel-a3ae8d4a] Calling chaincode Invoke() succeeded. Sending COMPLETED message back to peer Registrar Smart Contract Instantiated 2020-08-30120:13:59.077Z info [shin:lib/handler.js] [registrationchannel-13101190] Calling chaincode Invoke() succeeded. Sending COMPLETED message back to peer
```

From peer0.registrar:

```
2020-08-30720-081:59.262538074Z 2020-08-302 2010 [endorser] callchaincode > 1HFO 074 [registrationchannet][a3ae8d4s] Entry chaincode: name: "regnet" 2020-08-30720-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08152 2020-08
```

Important Note:

- ➤ If a registrar member tries to invoke a Functions which can only be **initiated by peer0.users**, we will return a String "Users should be used to raise a user or property registration request"
- ➤ And similarly, only REGISTRAR peer's can access all functions in org.propertyregistration-network.registrar smart contract
- ➤ If any peer who is not member registrar return string "Registrar member can only approve user or property request"
- For all the functions related to users => use the below steps:
 - 1. Connect to chaincode container: docker exec -it chaincode /bin/bash
 - 2. command: npm run start-dev [1] (as this script is pointing to a peer 0. users)
 - 3. Then open another terminal and connect to peer0.users.property-registration-network.com:
 - **docker exec -it peer0.users.property-registration-network.com /bin/bash** 4. execute all the function where initiator is USER from the above terminal.

For all the functions related to registrar => use the below steps:

- 1. Connect to chaincode container: docker exec -it chaincode /bin/bash
- 2. command: npm run start-dev (as this script is pointing to a peer0.registrar)
- <u>3.</u> Then open another terminal and connect to peer0.registrar.property-registration-network.com:

docker exec -it peer0.registrar.property-registration-network.com /bin/bash

4. execute all the function where initiator is REGISTRAR from the above terminal.

```
package.json
 Open ▼
           Ð
                                                                                         "name": "regnet".
 "version": "0.0.1",
 "description": "Registration Network",
  "main": "index.js",
  "engines": {
   "node": ">=8",
"npm": ">=5"
  "scripts": {
    "lint": "eslint .",
    "pretest": "npm run lint",
    "test": "nyc mocha test --recursive",
   "start-dev": "fabric-chaincode-node start --peer.address peer0.registrar.property-
regi<mark>stration-ne</mark>twor<mark>k.com:7053</mark> --chaincode-id-name regnet:1.1",
"start-dev1": "fabric-chaincode-node start --peer.address peer0.users.property-
registration-network.com:9053 --chaincode-id-name regnet:1.1",
     start": "fabric-chaincode-node start",
    "mocha": "mocha test --recursive"
  'engineStrict": true,
 "author": "Avi K",
  "dependencies": {
    "fabric-contract-api": "~1.4.2",
                                                 JSON ▼ Tab Width: 8 ▼
                                                                             Ln 18, Col 5
                                                                                                 INS
```

EXAMPLE:

1. To invoke a function from **user contract using peer0.users**:

STEP 1 : connect to chaincode container :

docker exec -it chaincode /bin/bash

STEP 2: Run the script

npm run start-dev¹ (as this script is pointing to peer0.users)

STEP 3: On another terminal connect to peer0.users.property-registration-network.com:

docker exec -it peer0.users.property-registration-network.com/bin/bash

STEP 4: invoke any function from the user contract:

Example:

peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:requestNewUser","Sky","sky@avi.com","00000","10"]}'

OUTPUT:

```
File Edit View Search Torminal Help
ungradigupard VirtualBox:-/Desktop/property-registration/networks docker exec -it chainced
planipada
root@2780778c8888:/popt/gopath/arc/chaincede npr run start-devi
configuration-root@2780778c8888:/popt/gopath/arc/chaincede npr run start-devi
configuration-root@2780778c8888:/popt/gopath/arc/chaincede npr run start-devi
configuration-root@278078c8888:/popt/gopath/arc/chaincede-root@278078c8888:/popt/gopath/arc/chaincede-root@278078c8888:/popt/gopath/arc/chaincede-root@278078c8888:/popt/gopath/arc/chaincede-root@278078c8888:/popt/gopath/arc/chaincede-root@278078c8888:/popt/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/gopath/arc/go
```

EXAMPLE:

1. To invoke a function from **registrar contract using peer0.registrar**:

STEP 1: connect to chaincode container:

docker exec -it chaincode /bin/bash

Stop the npm run start-dev script (ctrl +c) then,

STEP 2: Run the script

npm run start-dev (as this script is pointing to peer0.registrar)

STEP 3: On another terminal connect to peer0.registrar.property-registration-network.com:

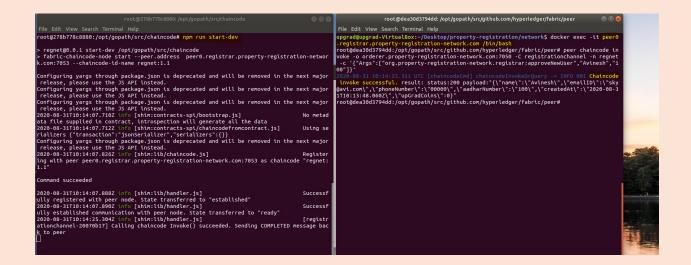
docker exec -it peer0.registrar.property-registration-network.com /bin/bash

STEP 4: invoke any function from the user contract:

Example:

peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:approveNewUser","Sky","10"]}'

OUTPUT:



If we try to invoke a function which is not supposed to be initiated by a member peer error:

Output:

Example: User or property request can only be raised by peer0.users

```
root@dea30d3794dd: /opt/gopath/src/github.com/hyperledger/fabric/peer
upgrad@upgrad-VirtualBox:~/Desktop/property-registration/network$ docker exec -it peer0
 registrar.property-registration-network.com /bin/bash
 oot@dea30d3794dd:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode in
voke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet
-c '{"Args":["org.property-registration-network.registrar:approveNewUser","Avinesh","1
00"]}'
  .020-08-31 10:14:25.311 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode
 invoke successful. result: status:200 payload:"{\mbox{\normale} | \mbox{\normale} 
@avi.com\",\"phoneNumber\":\"00000\",\"aadharNumber\":\"100\",\"createdAt\":\"2020-08-3
1T10:13:48.060Z\",\"upGradCoins\":0}
 oot@dea30d3794dd:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode in-
voke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet
 -c '{"Args":["org.property-registration-network.user<mark>:requestNewUser</mark>","Sky","sky@avi.co
n","00000","10"]}'
       0-08-31 10:17:40.032 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode
 invoke successful. result: status:200 payload:"Users should be used to raise a user or
 oot@dea30d3794dd:/opt/gopath/src/github.com/hyperledger/fabric/peer# 📙
```

Example: Approval of user or property registration can only be done by Registrar.

```
root@f598542b0b51: /opt/gopath/src/github.com/hyperledger/fabric/peer

File Edit View Search Terminal Help
root@dea30d3794dd:/opt/gopath/src/github.com/hyperledger/fabric/peer# exit
exit
upgrad@upgrad-VirtualBox:~/Desktop/property-registration/network$ docker exec -it peer0
.users.property-registration-network.com /bin/bash
root@f598542b0b51:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode in
voke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet
-c '{"Args":["org.property-registration-network.registrar:approveNewUser", "Sky", "10"]}

2020-08-31 10:19:06.042 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode
invoke successful. result: status:200 payload:"Registrar's can only approve user or pr
operty request"
root@f598542b0b51:/opt/gopath/src/github.com/hyperledger/fabric/peer#
```

Commands for invoking all functions in user and registrar contract

5. Request User:

Command:

> peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:requestNewUser","Avi","avi@avi.com","123456","1"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '("Args":["org.property-registration-network.user:requestNewUser","Avi","avi@avi.com","123456","1"]}'
2020-08-30 20:16:57.555 UTC [chaincodeCmd] chaincodeInvokeOfQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Avi\", \"emailID\":\"avi@avi.com\",\"phoneNumber\":\"123456",\"aadharNumber\":\"1"\",\"createdAt\":\"2020-08-30T20:16:57.522Z\"}"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

6. Approve User Requset:

Command:

> peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:approveNewUser","Avi","1"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:approveNewUser","Avi","1"]}'
2020-08-30 20:19:27.287 UTC [chaincodecom] chaincodeInvokeOrQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Avi\",
'emailID|':\"avi@avi.com\",\"phoneNumber\":\"123456)",\"aadharNumber\":\"1",\"createdAt\":\"2020-08-30T20:16:57.522Z\",\"upGradCoins\":0}"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

7. Recharge account:

Command:

> peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:rechargeAccount","Avi","1","upg1000"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationthannel -n regnet -c '{"Args":["org.property-registration-network.user:rechargeAccount","Avi","1","upg1000"]}'
2020-08-30 20:20:50.109 UTC [chaincodecmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Avi\",
\"emailID\":\"avi@avi.com\",\"phoneNumber\":\"123456\",\"aadharNumber\":\"1",\"createdAt\":\"2020-08-30T20:16:57.522Z\",\"upGradCoins\":1000}"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

8. View Approved user: From Registrar and user smartcontract:

Command:

- peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user":viewUser","Avi","1"]}'
- peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:viewUser","Avi","1"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registra
tionchannel -n regnet -c '{"Args":["org.property-registration-network.user:vlewUser","Avl","1"]}'
2020-08-30 20:22:51.836 UTC [chaincodeCmd] chaincodeInvoke0rQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"name\":\"avl","
'emailID\":\"avi@avi.com\",\"phoneNumber\":\"123456\",\"aadharNumber\":\"1",\"createdAt\":\"2020-08-30T20:16:57.522Z\",\"upGradCoins\":1000}\"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registra
tionchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:vlewUser\","Avi\","1"]}'
2020-08-30 20:23:081,094 UTC [chaincodecmd] chaincodecMosteOrgourry -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Avi\",
\"emailID\":\"avi@avi.com\",\"phoneNumber\":\"123456\",\"aadharNumber\":\"1\",\"createdAt\":\"2020-08-30T20:16:57.522Z\",\"upGradCoins\":1000}\"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

9. Property registration request:

Command:

peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:propertyRegistrationRequest","999","Avi","1000","registered","Avi","1"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '("Args":["org.property-registration-network.user:propertyRegistrationRequest","999","Avi","1000","registered","Avi","1"]}'
2020-08-30 20:27:02.424 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"propertyId\":\"
999\",\"owner\":\"\\u00000rg.property-registration-network.regnet.approvedUser\\u0000Avi-1\\u00000\",\"price\":\"1000\",\"status\":\"registered\"}"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

10. Property approve:

Command:

> peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:approvePropertyRegistration","999"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationhannel -n regnet -c '{"Args":["org.property-registration-network.registrar:approvePropertyRegistration",""999"]]'
2020-08-30 20:28:12.228 UTC [chaincodecmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"{\"propertyId\":\"
999\",\"owner\":\"\\u00000rg,property-registration-network.regnet.approvedUser\\u0000Avi-1\\u00000\",\"price\":\"1000\",\"status\":\"registered\"}"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

11. View property: as user or registrar

Command:

- peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:viewProperty","999"]}'
- peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.registrar:viewProperty","999"]}'

Output:

rootgg2df64f56862;/poy1/gopath/src/glthub.com/hyperledger/fabr/c/peer# peer chalmcode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '("Args":["org.property-registration-network.com:7050 -C registration-network.com:7050 -C registration-net

12. Update property:

Command:

> peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:updateProperty","999","Avi","1","onSale"]}'

Output:

rootg92df64f5668c:/opt/gopath/src/glthub.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '("Args":("org.property-registration-network.com:7050 -C registration-network.com:7050 -C registration-network.co

13. Purchase property:

Command:

> peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:purchaseProperty","999","Sky","10"]}'

Output:

root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer# peer chaincode invoke -o orderer.property-registration-network.com:7050 -C registrationchannel -n regnet -c '{"Args":["org.property-registration-network.user:purchaseProperty","999","Sky","10"]}'
2020-08-30 20:59:34.819 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chaincode invoke successful. result: status:200 payload:"OldOwner Updated D etail {\"name\":\"avi\",\"emailID\":\"avi\",\"emailID\":\"avi\",\"emailID\":\"avi\",\"phoneNumber\":\"12456\",\"aadharNumber\":\"1\",\"createdAt\":\"2020-08-30T20:16:57.522Z\",\"upGradCoins\":00000\",\"emailID\":\"\$ky@avi.com\",\"phoneNumber\":\"000000\",\"aadharNumber\":\"10\",\"createdAt\":\"2020-08-30T20:53:39.718Z\",\"upGradCoins\":0}
\text{Updated Property Details {\"propertyId\":\"999\",\"owner\":\"1000000rg.property-registration-network.regnet.approvedUser\\u00005ky-10\\u00000\",\"price\":\"1000\",\"status\":\"registered\"\"
root@264ffb335c99:/opt/gopath/src/github.com/hyperledger/fabric/peer#

