

Remix - Ethereum IDE

remix.ethereum.org/#lang=solidity&url=https://github.com/ethereum/solidity/blob/master/contracts/examples/InsurancePolicy.sol

Saberminia Online | Gmail | YouTube | Maps

FILE EXPLORER

WORKSPACES

- default_workspace

artifacts

build-info

ca53632c37f9923b35f412b50cdefad.json

contracts

scripts

tests

src

artifacts.json

Farmer Insurance Chain.sol

README.txt

```
20 require(policies[_policyId].holder == msg.sender, "Only the policy holder can perform this act");
21
22 }
23
24 function addPolicy(string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) public {
25     policyCount++;
26     policies[policyCount] = InsurancePolicy(msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _expirationTimestamp);
27     emit PolicyAdded(policyCount, msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _expirationTimestamp);
28 }
29
30 function updatePolicy(uint256 _policyId, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) public {
31     InsurancePolicy storage policy = policies[_policyId];
32     policy.premiumAmount = _premiumAmount;
33     policy.coverageAmount = _coverageAmount;
34     policy.expirationTimestamp = _expirationTimestamp;
35     emit PolicyUpdated(_policyId, _premiumAmount, _coverageAmount, _expirationTimestamp);
36 }
37
38 function getPolicyDetails(uint256 _policyId) external view returns (address holder, string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) {
39     InsurancePolicy memory policy = policies[_policyId];
40     return (policy.holder, policy.policyNumber, policy.premiumAmount, policy.coverageAmount, policy.expirationTimestamp);
41 }
42 }
```

0 ☐ listen on all transactions

Type the library name to try available commands:

Remix - Ethereum IDE

remix.ethereum.org?lang=en&opt.mode=falcon&env=2005&evrVersion=multi&version=app&com-v0.8.18+commit.87161d96

Sabarimala Online | Gmail | YouTube | Maps

SOLIDITY COMPILER


0.8.18+commit.87161d96

☐ Include nightly builds

☒ Auto compile

☐ Hide warnings

Advanced Configurations

 **Compile Farmer Insurance** - **Ctrl+S to compile Farmer Insurance Chain.sol**

Compile and Run script

CONTRACT

Insurance (Farmer Insurance Chain.sol)

[Publish on Ipfs](#)

[Publish on Swarm](#)

[Compilation Details](#)

[ABI](#) [Bytecode](#)

```
20 require(policies[_policyId].holder == msg.sender, "Only the policy holder can perform this act");
21
22 }
23
24 function addPolicy(string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) public {
25     policyCount++;
26     policies[policyCount] = InsurancePolicy(msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _expirationTimestamp);
27     emit PolicyAdded(policyCount, msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _expirationTimestamp);
28 }
29
30 function updatePolicy(uint256 _policyId, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) public {
31     InsurancePolicy storage policy = policies[_policyId];
32     require(policy.holder == msg.sender, "Only the policy holder can perform this act");
33     policy.premiumAmount = _premiumAmount;
34     policy.coverageAmount = _coverageAmount;
35     policy.expirationTimestamp = _expirationTimestamp;
36     emit PolicyUpdated(_policyId, _premiumAmount, _coverageAmount, _expirationTimestamp);
37 }
38
39 function getPolicyDetails(uint256 _policyId) external view returns (address holder, string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) {
40     InsurancePolicy memory policy = policies[_policyId];
41     return (policy.holder, policy.policyNumber, policy.premiumAmount, policy.coverageAmount, policy.expirationTimestamp);
42 }
```

☐ Listen on all transactions

Search with transaction hash or address

Type the library name to see available commands.

Remix - Ethereum IDE

New Tab

remix.ethereum.org | [Hany - endophemize - fabianrunc - 2035eumVersion - null&version=0.0.10+commit.11765d96.js](#)

Sebermala Online | Gmail | YouTube | Maps

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT
Remix VM (Shanghai)

ACCOUNT
0x5B3...addC4 (100 ether)

GAS LIMIT
3000000

VALUE
0 Wei

CONTRACT
Insurance - Farmer Insurance Chain.s
[Add source path](#)
[Deploy](#)
☐ Publish to IPFS
[At Address](#) [Load contract from Address](#)

Transactions recorded

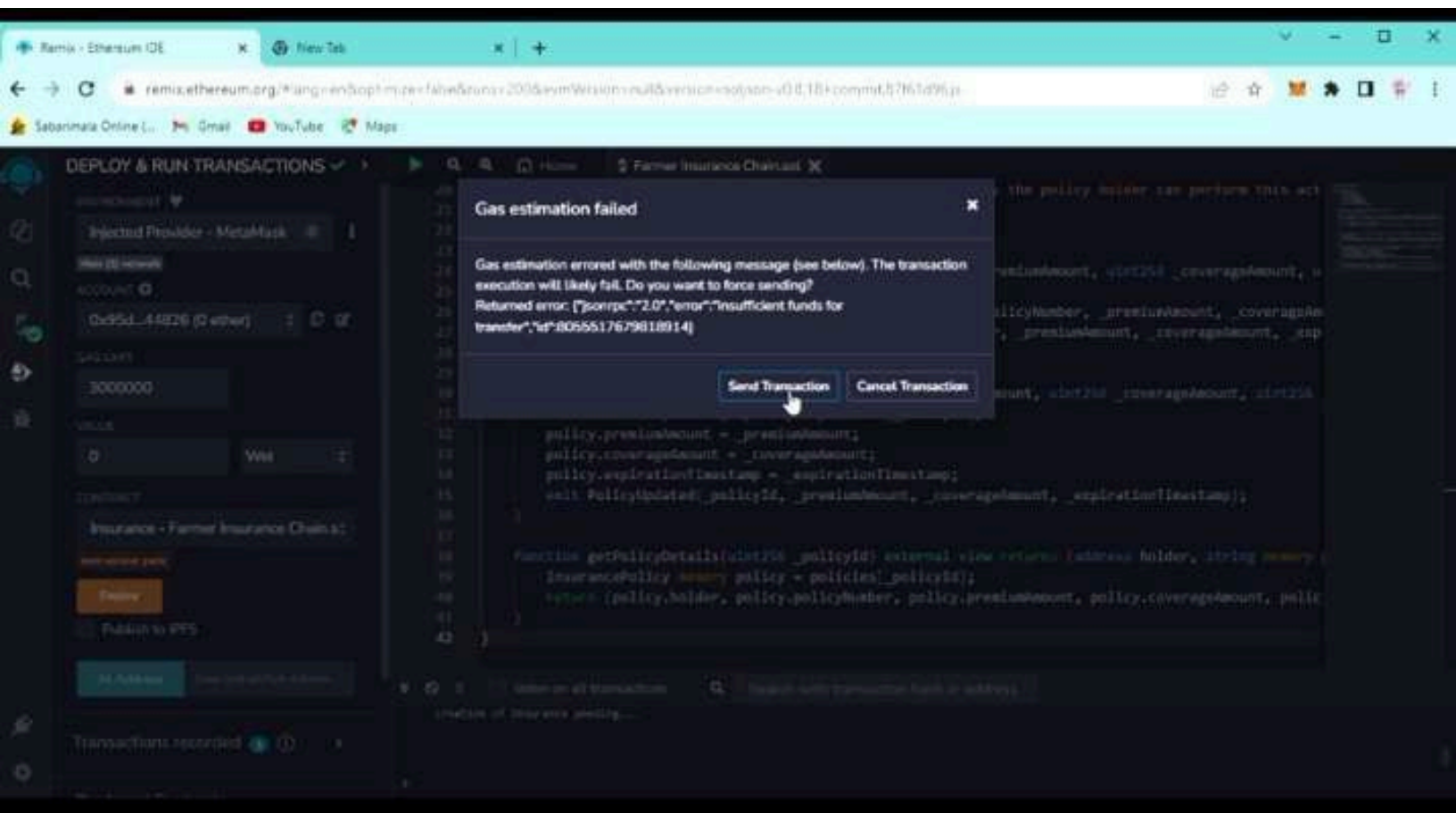
Home

Farmer Insurance Chain.s

```
20 require(policies[_policyId].holder == msg.sender, 'Only the policy holder can perform this act
21 )
22
23
24 function addPolicy(string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, u
25     policyCount++;
26     policies[policyCount] = InsurancePolicy(msg.sender, _policyNumber, _premiumAmount, _coverageAm
27     emit PolicyAdded(policyCount, msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _exp
28 )
29
30 function updatePolicy(uint256 _policyId, uint256 _premiumAmount, uint256 _coverageAmount, uint256
31     InsurancePolicy storage policy = policies[_policyId];
32     policy.premiumAmount = _premiumAmount;
33     policy.coverageAmount = _coverageAmount;
34     policy.expirationTimestamp = _expirationTimestamp;
35     emit PolicyUpdated(_policyId, _premiumAmount, _coverageAmount, _expirationTimestamp);
36 }
37
38 function getPolicyDetails(uint256 _policyId) external view returns (address holder, string memory
39     InsurancePolicy memory policy = policies[_policyId];
40     return (policy.holder, policy.policyNumber, policy.premiumAmount, policy.coverageAmount, polic
41 )
42 }
```

☐ Listen on all transactions

Type the library name to see available commands.



Remix - Ethereum IDE

remix.ethereum.org/#lang=solidity&mode=fake&runs=200&evmVersion=rust&version=solc@0.8.10+commit.8765896.js

Sabarinela Online | Gmail | YouTube | Maps

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT: Injected Provider - MetaMask

ACCOUNT: 0x95d...44826 (0 ether)

GAS LIMIT: 3000000

VALUE: 0 Wei

CONTRACT: Insurance - Farmer Insurance Chain.s

Deploy

Publish to Ethers

At Address: Load contract from Address

Transactions recorded: 1

Farmer Insurance Chain.sol

```
20 require(policies[_policyId].holder == msg.sender, "Only the policy holder can perform this act");
21
22
23
24 function addPolicy(string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) public {
25     policyCount++;
26     policies[policyCount] = InsurancePolicy(msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _expirationTimestamp);
27     emit PolicyAdded(policyCount, msg.sender, _policyNumber, _premiumAmount, _coverageAmount, _expirationTimestamp);
28 }
29
30 function updatePolicy(uint256 _policyId, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) public {
31     InsurancePolicy storage policy = policies[_policyId];
32     policy.premiumAmount = _premiumAmount;
33     policy.coverageAmount = _coverageAmount;
34     policy.expirationTimestamp = _expirationTimestamp;
35     emit PolicyUpdated(_policyId, _premiumAmount, _coverageAmount, _expirationTimestamp);
36 }
37
38 function getPolicyDetails(uint256 _policyId) external view returns (address holder, string memory _policyNumber, uint256 _premiumAmount, uint256 _coverageAmount, uint256 _expirationTimestamp) {
39     InsurancePolicy memory policy = policies[_policyId];
40     return (policy.holder, policy._policyNumber, policy.premiumAmount, policy.coverageAmount, policy.expirationTimestamp);
41 }
42 }
```

creation of Insurance pending...