

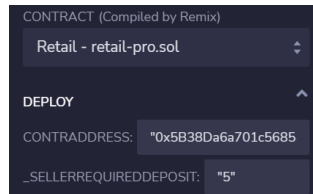
Read Me Documentation

This documentation is about how to deploy the contract via Remix and how to test or use it with different accounts. At the end, a flow figure is displayed.

How to use

The following steps show how to use this contract:

1. Select an account to deploy the contract and set the required seller deposit amount as follows,



CONTRACT (Compiled by Remix)

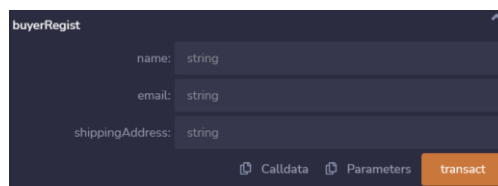
Retail - retail-pro.sol

DEPLOY

CONTRADDRESS: "0x5B38Da6a701c5685"

_SELLERREQUIREDDEPOSIT: "5"

2. Switch an account and register as buyer as follows,



buyerRegist

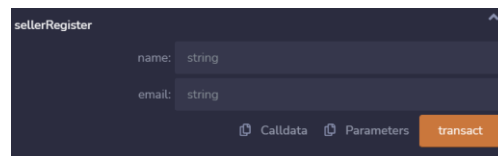
name: string

email: string

shippingAddress: string

Calldata Parameters transact

3. Switch an account and register as seller as follows,



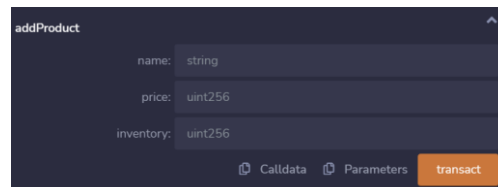
sellerRegister

name: string

email: string

Calldata Parameters transact

4. The seller add product info as follows,



addProduct

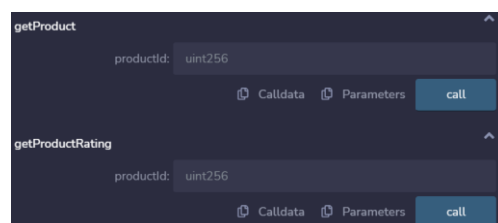
name: string

price: uint256

inventory: uint256

Calldata Parameters transact

5. Switch to buyer account and view product info as follows,



getProduct

productId: uint256

Calldata Parameters call

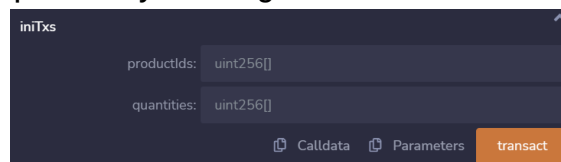
getProductRating

productId: uint256

Calldata Parameters call

(PS: here you should know the product ID)

6. The buyer buys the product by initiating the transaction as follows,



initTx

productIds: uint256[]

quantities: uint256[]

Calldata Parameters transact

7. Only buyer account can confirm the transaction as follows, the seller gat paid after the transaction finished.

completeTx

transactionId: uint256

Calldata Parameters transact

(PS: here you should know the transaction ID)

- Buyer can rate the product as follows,

rateProduct

productId: uint256

rating: uint256

Calldata Parameters transact

- Buyer can ask for return the product as follows,

requestReturn

transactionId: uint256

Calldata Parameters transact

- Switch to seller account to approve the return as follows,

approveReturn

transactionId: uint256

Calldata Parameters transact

- Buyer can update their info as follows,

buyerUpdate

name: string

email: string

shippingAddress: string

Calldata Parameters transact

Flow diagram of the contract

The following figure shows flow of this smart contract:

